



**FOR RECOMMENDATION**

**PUBLIC**

**OPEN SESSION**

**TO:** Academic Affairs Committee

**SPONSOR:** Amrita Daniere, Vice-Principal Academic and Dean  
**CONTACT INFO:** 905-828-3719, [vpdean.utm@utoronto.ca](mailto:vpdean.utm@utoronto.ca)

**PRESENTER:** Heather Miller, Vice-Dean, Teaching & Learning  
**CONTACT INFO:** 905-569-4768, [vdteachlearn.utm@utoronto.ca](mailto:vdteachlearn.utm@utoronto.ca)

**DATE:** March 21, 2018 for March 28, 2018

**AGENDA ITEM:** 3

**ITEM IDENTIFICATION:**

Proposal for the Creation of a New Degree Program: Master of Urban Innovation (MUI)

**JURISDICTIONAL INFORMATION:**

Under section 5.3 (ii) of its terms of reference, the Academic Affairs Committee recommends for confirmation by Executive Committee of the Governing Council, new graduate programs and degrees.

**GOVERNANCE PATH:**

1. Academic Affairs Committee [For Recommendation] (March 28, 2018)
2. Committee on Academic Policy and Programs [For Recommendation] (May 10, 2018)
3. Academic Board [For Approval] (May 31, 2018)
4. Executive Committee [For Confirmation] (June 14, 2018)

**PREVIOUS ACTION TAKEN:**

No previous action was taken on this proposal.

**HIGHLIGHTS:**

The Institute for Management & Innovation (IMI) at the University of Toronto Mississauga is proposing a Master of Urban Innovation (MUI) degree professional program that focuses on urban economic development, community capacity building, innovation management, local and regional governance, urban sustainability and real estate development. This degree program aligns with the current programs offered at IMI, maintaining a focus on management, innovation and sustainability, and incorporates the research and teaching strengths from UTM Departments of Geography, Economics, Political Science and the Institute of Communication, Culture, Information and Technology (ICCIT).

Under IMI and employing these interdisciplinary connections mentioned above, the MUI program will prepare students with strong interests in urban issues and economic development to become leaders who facilitate innovation and strategies to help create equitable and sustainable cities and city regions.

The MUI curriculum will combine a strong foundational knowledge set with a summer internship that provides students the opportunity to further develop and apply skills necessary to be urban innovators (socially and sustainably). The core part of the curriculum will introduce students to the different approaches employed by economic development practitioners to enhance sustainable economic growth in neighbourhoods, cities and regions. The core curriculum will also emphasize courses in development, finance, urban theory, sustainability and innovation. Students in their second year will then explore courses related to three specific areas: Urban Innovation (Analysis and Policy), Urban Sustainability and Infrastructure, and Urban Politics and Governance. The summer internship will provide opportunities for students to practice the knowledge and skills acquired in their core courses. These internship placements will target municipal economic development offices in addition to other public and not-for profit agencies critically involved in urban economic development. Upon graduation, our students will have acquired the academic knowledge and applied skills necessary to manage the economic development process and urban innovation in a socially and environmentally sustained manner, the primary theme of our program.

The MUI program will address the current academic gap in the preparation for certain careers in the field of urban and regional economic development and governance. The MUI program emphasizes a multidisciplinary approach to understanding the economic, political and environmental management factors that affect the process of economic development reflected in these respective areas of focus. As described, the MUI is designed to distinguish itself from traditional planning programs, graduate management programs and other inter-disciplinary professional degrees. Furthermore, the MUI program is designed to complement existing U of T programs in Planning, Public Policy & Global Affairs and IMI's Master of Science in Sustainability and Management (MScSM) program.

The program was subject to an external appraisal on February 15<sup>th</sup> by Richard Shearmur (McGill University) and Jennifer Clark (Georgia Institute of Technology). The external reviewers were highly enthusiastic about the establishment of the program. The Dean's response to the review report reflects the minor modifications made to this final submission based on their helpful suggestions.

### **FINANCIAL IMPLICATIONS:**

Resources for the proposed MUI program have been provided for out of the incremental net revenues that will flow to UTM from the proposed MUI student enrolments. In addition to the three new faculty hires that are discussed in section 13.1 of the proposal, the program plans to hire 2 administrative staff dedicated to the program who will perform administrative, recruiting and internship placement duties in coordination with other central resources that are provided by IMI. These staffing levels are consistent with other new professional master's programs housed within IMI.

**RECOMMENDATION:**

Be It Recommended,

THAT the proposed Master of Urban Innovation (MUI) Program, offered by the Institute for Management and Innovation (IMI), recommended by the Vice-Principal Academic & Dean, Professor Amrita Daniere, and described in the proposal dated March 8, 2018, be approved, effective on September 1, 2019.

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**DOCUMENTATION PROVIDED:**

Proposal for the Creation of a New Degree Program: Master of Urban Innovation (MUI)



## University of Toronto New Graduate Program Proposal

<b>Full Name of Proposed Program:</b> <i>(ie. Master of Arts in History; Master of Science in Sustainability Management)</i>	Master of Urban Innovation
<b>Degree Name and Short Form:</b> <i>(ie. Master of Arts, M.A.; Master of Science in Sustainability Management, M.Sc.S.M.)</i>	Master of Urban Innovation, MUI
<b>Program Name:</b> <i>(ie. History; Sustainability Management)</i>	Urban Innovation
<b>Professional Program</b> <i>(yes/no)</i>	Yes
<b>Unit (if applicable) offering the program:</b> <i>(i.e., Site of academic authority. Where a program is housed elsewhere (in physical terms), this should also be indicated.)</i>	Institute for Management & Innovation (IMI)
<b>Faculty / Division:</b>	University of Toronto Mississauga (UTM)
<b>Dean's Office Contact:</b>	Rosa Ciantar Program & Curriculum Officer <a href="mailto:rosa.ciantar@utoronto.ca">rosa.ciantar@utoronto.ca</a>
<b>Proponent:</b>	Soo Min Toh Director, IMI <a href="mailto:soomin.toh@utoronto.ca">soomin.toh@utoronto.ca</a>  David A. Wolfe Professor, Political Science, UTM <a href="mailto:david.wolfe@utoronto.ca">david.wolfe@utoronto.ca</a>
<b>Version Date:</b> <i>(please change as you edit proposal)</i>	March 8, 2018



# New Graduate Program Proposal

Master of Urban Innovation

Institute of Management & Innovation

University of Toronto Mississauga

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# 1 Summary

The Institute for Management & Innovation (IMI) at the University of Toronto Mississauga (UTM) is proposing a Master of Urban Innovation (MUI) degree program. It will be a full-time 20-month, 9.5 FCE (full course equivalent) professional program that focuses on urban economic development (ED), community capacity building, innovation management, local and regional governance, urban sustainability and real estate development. The MUI will complement the programs in management, innovation and sustainability currently offered at IMI and builds on the strengths of the UTM Departments of Geography, Economics, Political Science and the Institute of Communication, Culture, Information and Technology (ICCIT).

The proposed MUI degree aligns with both the mission of IMI and the broader University. IMI's existing programs emphasize the role of innovation in various disciplines to produce mission-focused managers and future leaders with a combination of management skills and depth in their chosen field (<http://www.utm.utoronto.ca/imi/>). The MUI program serves this same function for social science disciplines to expand IMI's impact on innovation, ED and governance in the surrounding Peel region and beyond.

Current ED policy encompasses interventions employed by practitioners to create conditions that support the sustainable economic and social wealth of communities, cities and regions. Contemporary approaches to ED also involve the adoption of collaborative governance arrangements in the design and implementation of these strategies. The MUI program responds to a recognized need for professionals with these cutting-edge skills in the evolving field of urban ED and innovation.

Following the successful completion of the program, graduates will be prepared for careers in the public, private and not-for-profit sectors. The MUI program will build on the close links between UTM, IMI and urban leadership in the GTA, to create opportunities for students to learn how to understand how innovation contributes to economic growth in city-regions that can be applied across the world. MUI will provide the rigorous analytical and evidence-based research skills that are crucial for practitioners of urban ED and innovation strategy.<sup>1</sup> The degree level and name of the program will offer the appropriate credentials while signalling a unique field of professional practice that bridges strategic management, innovative

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<sup>1</sup> Meric S. Gertler, *Foundations for Canada's Prosperity: Sign Posts and Directions*, Address to the Empire Club of Toronto, May 22, 2015; City of Toronto, *Collaborating for Competitiveness: A Strategic Plan for Accelerating Economic Growth and Job Creation in Toronto*, Toronto, 2013; City of Mississauga, *Mississauga Economic Development Strategy: "Building on Success"*, Millier Dickenson Blais, Mississauga, 2011; City of Mississauga, *Mississauga: A Leading Financial Services Cluster*, Mississauga, n.d.; City of Hamilton, *Economic Development Strategy, 2010-2015*, Hamilton, 2010.

development and urban governance.

The MUI program curriculum fulfills Master's degree level expectations, as outlined in Section 10 of this proposal. In Year 1, MUI students will take 4.5 FCE required core courses. In the summer term between Year 1 and Year 2, all students will participate in a summer internship (0.5 FCE). Placements for internships will target municipal ED offices as well as other public and not-for-profit agencies that play critical roles in urban innovation and ED (endorsements from the potential locations for these placements can be found in Appendix G of this proposal). Year 2 requires students to complete elective courses (4.0 FCE) and a capstone course (0.5) will give students an opportunity to work together in a team to provide a fictional or actual agency or city with innovative solutions. The Year 2 electives comprise three areas of focus: 1. Urban innovation: analysis and policy; 2. Urban sustainability and infrastructure; and 3. Urban politics and governance.

The MUI program will target undergraduates with a background in Human Geography, Economics, Political Science, Urban Studies, Architecture, Engineering, and UTM's own ICCIT suite of programs (such as the Major in Communication, Culture, Information and Technology and Specialist in Digital Enterprise Management).

The MUI program fills a gap in the academic preparation for certain careers in the fields of urban and regional ED and governance.<sup>2</sup> The MUI is distinct from traditional Planning programs (which focus on the social, spatial and economic aspects of planning and urban development), graduate management programs (such as MBAs that generally emphasize a firm-centric perspective) and from existing inter-disciplinary professional degrees (such as Public Policy programs that focus on a set of policy development or public administration skills at the federal, provincial or municipal levels). The proposed MUI program is designed to complement, rather than compete with, existing University of Toronto programs in Planning, Public Policy and Global Affairs as well as IMI's own Master of Science in Sustainability Management (MScSM) program.

The MUI program will provide its graduates with the critical and analytical skills to design and implement ED policies to support creative and flexible urban agendas. The MUI program also emphasizes instilling knowledge that examines a range of socially sustainable strategies, to promote what the OECD is currently calling "inclusive innovation".<sup>3</sup> The MUI directly addresses one of the University's three priorities, namely that of leveraging our location, through

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<sup>2</sup> <http://www.oecd-ilibrary.org/docserver/download/9205111e.pdf?expires=1480363127&id=id&accname=guest&checksum=C2C31F59C1E43F59F6B1970F409CA1A4>

<sup>3</sup> OECD, *Making Innovation Benefit All: Policies for Inclusive Growth*, Paris: Organisation for Economic Cooperation and Development, 2015.

deploying key insights, derived from cutting edge research in urban governance and innovation professional practice, and through local outreach and partnerships that will solidify the University's role in city building (<https://www.utoronto.ca/news/university-toronto-and-three-priorities>).

## 2 Effective Date

September 1, 2019

## 3 Program Rationale

The proposed MUI program will provide a new generation of students with an in-depth understanding of how innovative, vibrant, liveable and supportive city-regions play a vital role in sustaining the quality of life and economic well-being of Canadians. Successful communities and dynamic regional economies do not happen by chance. They are the product of conscious efforts to strategically manage their local economies and the understanding that collaborative governance institutions are an essential part of that process. This program will offer a unique and specialized interdisciplinary preparation for students with a strong interest in urban issues and ED (economic development) to play a critical policy and leadership role in implementing strategies that promote innovative, equitable and sustainable cities and city-regions.

Our understanding of the innovation process has changed dramatically in recent decades, particularly with respect to local and regional dynamics. The MUI program seeks to educate and prepare specialized professionals to help support this process in different types of organizations (government, not-for-profit organizations and corporations). The MUI degree provides the opportunity for the University of Toronto to assume a leadership position in Canada in this critical emerging field, as well as to expand the reach of UTM graduate programming to embrace topic areas, such as municipal politics and urban economic policy development, and connect a broader range of academic departments at UTM to IMI. These topic areas are of core interest to many in UTM's community, including City and Regional governments and community-based organizations as well as industry partners, that focus on supporting start-ups and innovation activities, real estate development and infrastructure design.

The impetus for this path-breaking program emerged out of the long standing collaborative relationship between UTM, IMI and the City of Mississauga, and more directly out of a 2011 report, *An Action Plan for Innovation in Mississauga* (Hickling Arthurs Low for RIC Centre), which outlined the role UTM can play in "developing skills for innovation", such as experiential education opportunities and connecting students with local entrepreneurs, and how UTM can

participate in “collaborative research opportunities” in order to “leverage existing innovation infrastructure”.<sup>4</sup> In addition, these topic areas have been the focus of substantial research undertaken by University of Toronto faculty members. There is an opportunity for MUI students to continue the work in this area to make significant contributions to this body of knowledge.

### **Leadership in training**

The MUI will produce graduates who will become knowledge leaders, with a breadth of expertise in the essential complementary areas of urban politics, municipal finance, project management, sectoral analysis, economics, urban development, movement systems and management of social, economic, and environmental impacts of the development process. In their first year, MUI students will take 10 mandatory half-credit core courses, including a Summer Internship course, (5.0 FCEs) in a combination of subject areas. In second year, students will complete 4.0 FCE from a list of elective courses (see Section 8 of this proposal), focusing on a particular aspect of innovation in urban development - Economic Development, Infrastructure and Sustainability, or Politics and Governance (to be introduced in the second year of the program). A final capstone course (0.5 FCE) in their last term will permit students to synthesize their knowledge and experiences from the previous 16 months and apply it to a real-world problem as well as make a professional presentation. The MUI is designed to provide common training for urban leaders in managing the field of innovative economic development, while recognizing that this process requires a range of expertise in complementary subject areas.

The majority of the courses in the MUI will be offered at UTM with face-to-face instruction and the use of classroom aids and online tools. The courses in the program will utilize the same combination of brief introductory lectures, in-depth seminar discussions and applied student presentations that are the foundation of the other professional Masters programs in IMI and at the University of Toronto more broadly. The program will also highlight the invaluable contribution of experiential education and learning through the required Summer Internship and Capstone courses.

As discussed in Section 5 of this proposal, Ontario is home to another program in ED, specifically the University of Waterloo’s Master of Economic Development & Innovation.<sup>5</sup> While this program touches upon the same topics, it does not offer the breadth and interdisciplinary focus in governance, sustainability and innovation that will be the hallmark of the MUI program. The MUI program thus provides an opportunity for the University of Toronto

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<sup>4</sup> <http://www.mississauga.ca/file/COM/An%20Action%20Plan%20for%20Innovation%20in%20Mississauga%20-%20Final%20Report%20.pdf>, pp. iii-iv.

<sup>5</sup> <https://uwaterloo.ca/school-environment-enterprise-development/graduate-programs/master-economic-development-and-innovation>.

to demonstrate leadership for all of Ontario in this critical area of study.

### **Leveraging areas of specialization**

The new program will allow UTM to leverage its strength in social sciences teaching and research, as well as IMI's reputation and relationship with local government and innovation agencies, to offer UTM students a new program of study designed to leverage our urban location to the mutual benefit of the university and cities throughout the Greater Toronto Area and southern Ontario.<sup>6</sup> The MUI's focus on the strategic management of places provides opportunities to connect with existing teaching and research units across the University, such as the Urban Studies program at Innis College in the Faculty of Arts and Science, the City Studies program at the University of Toronto Scarborough, and the Institute on Municipal Finance and Governance at the Munk School of Global Affairs<sup>7</sup>, Faculty of Arts and Science as well as the proposed School of Cities, an extra-departmental unit in development which will have tri-campus participation, and thus connectivity across the university.

The program draws upon the cross-disciplinary expertise of the University in a range of areas, including Management, Planning, Political Science, Economic Geography, Urban Economics and Sociology, both from the existing faculty on the UTM campus and on the St. George and Scarborough campuses. As a professional Master's program, the MUI will also draw upon the knowledge and teaching experience of a number of economic development practitioners working in this field in the GTA and in the provincial government and its related agencies.

### **Drawing on, and contributing to, current research**

The quality of graduate education and the quality of research at the University of Toronto are closely linked, and the MUI provides an opportunity for excellence in the research sphere to be translated directly into an academic curriculum designed to prepare the next generation of urban leaders for the future. The intellectual foundation of the program draws upon leading edge research, including that undertaken as part of a SSHRC-funded Major Collaborative Research Initiative (MCRI) project on "The Social Dynamics of Economic Performance",<sup>8</sup> as well

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<sup>6</sup> : <http://threepriorities.utoronto.ca/>

<sup>7</sup> <http://munkschool.utoronto.ca/imfg/>

<sup>8</sup> Information about the broad research outputs of the SSHRC funded Research Project, including a bibliography of the complete research outputs from the project, can be found on the web site: [sites.utoronto.ca/isrn/city-region-initiative/index.html](http://sites.utoronto.ca/isrn/city-region-initiative/index.html). The project also resulted in the publication of a four volume edited series on *Innovation, Creativity and Governance in Canadian City-Regions* with the University of Toronto Press which can be found at <http://www.utppublishing.com/Growing-Urban-Economies-Innovation-Creativity-and-Governance-in-Canadian-City-Regions.html>

as a collaboration with the Conference Board of Canada, both of which have identified the growing need for the “the strategic management of places”.<sup>9</sup> Scholarship on this topic recognizes that city-regions are the key source of economic vitality and innovative capacity for nation-states; innovative activity is becoming more, not less, concentrated in city-regions.<sup>10</sup> It is widely acknowledged that the comparative advantage of city-regions in the knowledge economy rests on their social and environmental characteristics as much as their economic assets. Research findings strongly support the conclusion that enhanced civic engagement and increased attention to leveraging local skills and knowledge assets are critical for the future development of urban regions. Every aspect of the design of the MUI program, but most particularly the development of the curriculum, has been strongly influenced by recent research findings.

Additionally, the proposed program grows out of the engagement of University researchers with a wide range of partners from the public, private, associational, and not-for-profit sectors. The emphasis on collaboration and new forms of governance as a key to innovative strategies in local and regional economic development is the direct result of the experience gained by university researchers working with this network of partners on interrelated research projects, including with economic development officials in the Cities of Toronto and Mississauga, the RIC Centre, the ONE more broadly and various Chambers of Commerce in southern Ontario.

MUI students will contribute to the body of knowledge and policy practice in this growing area of cross-disciplinary research by drawing upon the material taught in the program to develop and implement collaborative and inclusive innovation strategies at the local and regional level.

### **Distinctiveness**

The MUI program complements the focus of the existing professional masters' programs offered by IMI by exploring the urban context of the forms of innovation. It also incorporates several key disciplinary areas that lie beyond the bounds of these other programs, including political science, economic geography, urban economics, management and real estate development. In this way, the MUI subject matter differs substantially from current IMI programs. By providing a platform for experiential education in the areas of urban development that drive innovation (through the Summer Internship and Capstone courses), the MUI will develop connections between UTM and the surrounding community that do not fall within the science, accounting and environment expertise of its current professional graduate students.

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<sup>9</sup> The collaboration with the Conference Board of Canada resulted in the CIBC Scholar-in-Residence Monograph, *21<sup>st</sup> Century Cities in Canada*, which can be found online at: <http://www.conferenceboard.ca/e-library/abstract.aspx?did=3311>.

<sup>10</sup> Cf. Wolfe, *21<sup>st</sup> Century Cities in Canada*, p.



Some of the agencies, institutions and organizations that are a natural fit for MUI interns and graduates, such as the regional marketing and investment attraction agency, Toronto Global, the local economic development office of the municipalities that comprise the Greater Toronto Area, as well as some of the RIC Centres in the GTA and south western Ontario, already have relationships with individual faculty at UTM, but do not yet fully benefit from the current suite of academic programs offered by IMI. The proposed MUI program will help fill this gap and at the same time enrich IMI's other offerings through thematic overlaps with programs, such as the Master of Management and Innovation (MMI) and the MScSM, leading to the potential for joint projects and initiatives for students that would benefit from the programs' shared resources and combined faculty expertise.

Beyond IMI, the proposed MUI program shares some topic areas, such as urban finance, with the existing Masters programs in Planning (MScPI, Department of Geography & Planning, University of Toronto, St. George campus) and in Public Policy (MPP, School of Public Policy and Governance). There is also topic overlap, but to a lesser extent, with the Master of Global Affairs (MGA) program at the Munk School. A detailed description of the overlap with existing programs is included in Section 4, and Appendix C that includes an overview of all comparators. The curriculum of the proposed new program differs in both substance and focus from any existing graduate programs at the University of Toronto. It is distinctive in that it is fundamentally an interdisciplinary program that draws upon four related fields: political science and public policy, economic geography, urban economics and management. In addition, it has a distinct focus on the application of collaborative and innovative mechanisms for urban economic development. In this sense, it has been designed to complement and, eventually collaborate, with the existing Masters programs on the St. George campus, rather than compete with them.

### **Nomenclature**

The name of the new program is designed to signal two key aspects: 1. that the program is firmly situated in the context of IMI's management and innovation mission and related graduate programs; and 2. the unique focus on the urban economy and development. The program of study will have a strong public sector focus that is partly targeted at regional and municipal economic development officials, but extends beyond the public sector to include business associations, not-for-profit organizations and innovation agencies involved in the process of urban and regional economic development. The inclusion of innovation in the program name not only signals the connection to the broader suite of IMI programs, but also the fact that innovation is increasingly seen as the key to sustainable ED.

### **Alignment with University mission**

The MUI aligns not only with the mission of IMI but is also consistent with the new UTM Vision

as well as the broader University mission. IMI's existing programs emphasize the role of innovation in various disciplines to produce mission-focused managers and future leaders with a combination of management skills and depth in their chosen field<sup>11</sup>. The MUI program serves this same function for social science disciplines to expand IMI's impact on innovation, ED and governance in the surrounding Peel region and beyond.

UTM has recently released their UTM Vision Statement 2017 along with their Academic and Implementation Plan<sup>12</sup>. As part of the development process, UTM also engaged in an exercise to define our shared campus identity. The result was the recognition of five key attributes that contribute most to our distinctive identity and will help implement our Vision. These attributes are community, creativity, communication, innovation, and sustainability. As a unique professional program housed in IMI and focused on urban economic development, community capacity building, innovation management, local and regional governance, urban sustainability and real estate development, the MUI will embody all attributes of UTM's identity to advance our Vision and Mission (to develop thoughtful and empathetic global citizens capable of reflecting critically on the world and committed to the values of integrity, democracy, equity and diversity).

Furthermore, the MUI directly addresses one of the University's three priorities, namely that of leveraging our location, through deploying key insights, derived from cutting edge research in urban governance and innovation professional practice, and through local outreach and partnerships that will solidify the University's role in city building<sup>13</sup>.

The new program will allow UTM to leverage its existing strength in social sciences teaching and research, as well as IMI's reputation and relationship with local government and innovation agencies, to offer UTM students a new program of study designed to leverage our urban location to the mutual benefit of the university and cities throughout the Greater Toronto Area and southern Ontario.<sup>14</sup>

## 4 Fields/Concentrations

There are no formal fields or concentrations within the MUI program.

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<sup>11</sup> <http://www.utm.utoronto.ca/imi/>

<sup>12</sup> <https://www.utm.utoronto.ca/dean/initiatives/FinalVision>

<sup>13</sup> <https://www.utoronto.ca/news/university-toronto-and-three-priorities>

<sup>14</sup> <http://threepriorities.utoronto.ca/>

## 5 Need and Demand

Feedback from our consultation with key government actors and those at intermediary associations who are involved in urban development and innovation management indicates there is a need for a new type of cross-disciplinary professional education in the collaborative, inclusive and sustainable approach to ED that the MUI will instill in its graduates. This feedback has been gathered through recent University of Toronto research projects, described below, undertaken with many of the agencies that will be the potential employers for graduates of this program, as well as through ongoing discussions with key community and professional leaders over the past three years as part of the extended process of developing this proposal. We have canvassed a number of municipal, regional, not-for-profit and provincial agencies involved in the processes of urban innovation and ED for expressions of support for the program, including municipal economic development departments, the individual Regional Innovation Centres that comprise the Ontario Network of Entrepreneurs, the new investment attraction and marketing agencies being established by the province, such as Toronto Global and the Waterloo Region Economic Development Corporation, as well as a number of urban planning or economic consulting firms that specialize in innovation and economic development strategies.

### **Societal and Market Need**

The combined trends of globalization and disruptive technological change that affect virtually every economy in the world are creating new sets of challenges and opportunities for cities and regions. Public officials at all levels of political jurisdiction, and especially the regional and local level, are trying to position their respective economies to meet these challenges and to leverage their local knowledge assets to take advantage of the opportunities. Similarly, interactions with private firms, both as partners on research projects or as research interview subjects, demonstrate increasing evidence of an interest in, and a desire to partner with, local economic development agencies and research institutions to generate innovative approaches to both grow their start-up firms or sustain the growth of more established firms. Recent research indicates there is a clear need for a new approach to economic development at the local and regional level.<sup>15</sup>

Although leaders in the field have indicated the need for professionals with the MUI skill set, a comprehensive survey of existing programs in North America and Europe demonstrates that this need is currently not being met and that the MUI program is distinct in addressing this need (see the environmental scan of existing programs in Appendix C). The closest comparator programs are the Master of Economic Development & Innovation (MEDI) at the University of

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<sup>15</sup> Cf. footnote 2 above.

Waterloo, the Master of Planning at Cornell and the Master of Planning at UNC Chapel Hill. While there are some similarities with these programs, the MUI degree is unique in its interdisciplinary approach and in its sustained focus on exploring the processes through which innovation can be a driver of economic development in the 21<sup>st</sup> century. Its emphasis on both the contribution of networked collaborative governance processes for effective ED and the strategic management required to guide these processes is another distinguishing feature. Comparator programs are discussed in more detail below.

Graduates from this program will help communities develop a competitive advantage, by building on their distinctive local and regional specializations in knowledge-led activities, supporting entrepreneurial activity, developing sustainable economic patterns of development and leveraging local talent attraction and retention strategies to support ED and innovation. Students will seek out this program due to our world-class faculty from diverse disciplines along with the practical work component allowing for application of their knowledge in a professional setting and providing access to community and industry partners. Given the uniqueness of this program as well as the growing international reputation of the University of Toronto in the area of urban/city studies, we believe that there is the potential for international governments to take advantage of this program for select graduate students in support of their own local ED strategies. All current IMI programs have international ties on several levels: the Master of Management and Professional Accounting (MMPA) has 70% international students; MScSM typically enrolls close to 30% of its students from as many as 8 different countries. MScSM also has implemented an option for students to complete a term abroad in one of several European universities. IMI has implemented international recruitment strategies as of 2016 that include targeted recruiting and developing ties with recognized research institutions.

Potential employers and placement sites have been surveyed and demand for graduates of this program has been confirmed. The former Director of the Research and Analysis branch of the Ontario Ministry of Economic Development and Innovation, who was long responsible for working with the network of local and regional economic development organizations across the province, was consulted extensively in the original conception of this program and throughout its design and development. His strong support for a program like MUI was reinforced in a recent interview with the head of Toronto Global, the new global marketing and investment agency for the Greater Toronto Area that has recently been established with support from the province and the city.

In a recent report from the Brookings Institution, Amy Liu of the Metropolitan Policy Program articulated both the philosophy that underlies the proposed MUI program, as well as the pressing need for cities and regions to reorient their ED strategies along the principles upon which it is based:

*Leaders in cities and metro areas have an opportunity to remake economic development—to adopt a broader vision of economic development that can deliver continuous growth, prosperity, and inclusion in cities and metro areas. While some creative and committed leaders and organizations are embracing this version of economic development, it needs to be further scaled up. This requires understanding the purpose of economic development and getting both the markets and civics right. . .*<sup>16</sup>

There are a wide range of potential job opportunities for graduates of this program, including employment as policy analysts, economic development professionals, investment attraction and marketing agents and program officers in:

- local economic development departments of municipal governments;
- the growing number of regional level economic development and investment attraction agencies across the province (including the newly established Global Toronto, the Waterloo Economic Development Corporation, Investment Ottawa and similar agencies in Windsor, Sarnia, London and other parts of the province);
- the 17 Regional Innovation Centres (RICs) or the 52 small business centres that comprise Ontario's Network of Entrepreneurs, including MaRS;
- provincial government departments responsible for economic development, including the Ministries of Economic Development, Agriculture and Rural Affairs, Housing and Municipal Affairs, and other provincial agencies, such as the Ontario Centres of Excellence (OCE); and
- Federal regional economic development agencies, such as FedDev Ontario and Fednor, or the federal government.

In addition, there are a number of local labour market and training organizations in a wide range of municipalities across the province who might employ the graduates of this program. The above list sets out the employment opportunities for graduates of the program in Ontario; however, there are many potential opportunities for students trained in the program to seek employment in other provinces, and indeed, other countries. The Munk School at UofT hosted the former Director of Economic and Business Policy for the Greater London Authority during the 2014-2015 academic year. In discussions between the Director and current faculty members about the proposed MUI program, he agreed that he had nothing comparable from which he could recruit in the UK.

Job opportunities are anticipated to flow from the program's work with industry partners, including developers, builders, property management firms, capital investment firms, financial

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<sup>16</sup> Amy Liu, *Remaking Economic Development: The Markets and Civics of Continuous Growth and Prosperity*, Metropolitan Policy Program, The Brookings Institution, Washington DC, 2016.

institutions, as well as their related associations. Community partners will include municipalities, regional governments, economic development councils, transit authorities, health networks, boards of trade and regional innovation centres. The close relationships with each of our partners will allow the program to provide students with access to the ever-evolving processes, regulations and innovation within the urban development sector.

### **Student Demand**

Demand for cognate programs at the University of Toronto indicates that student interest in graduate programs with an urban and social policy focus is growing. Between their inception and 2014/15, both the MGA program (commenced in 2010) and the MPP program (commenced in 2007) have scaled up very quickly from 20 initial admissions per year to the current level of 80 incoming students in each cohort. The MGA program at the Munk School, Faculty of Arts and Science, is currently receiving 450 to 500 applications for the 80 spaces available for their incoming cohort, while the MPP at the School of Public Policy and Governance (SPPG) is receiving more than 500 applications for the 80 spaces in their incoming cohort. IMI's programs that are most closely aligned with the proposed MUI, the MMI and MScSM, are also in high demand, with significant numbers of qualified applicants applying for the limited number of spaces available in any given year. For the current year, the applicant to spaces available ratio for the IMI programs is: MScSM: Applied-140, Accepted-29; MMI: Applied-170, Accepted-34. The IMI graduate programs introduced to date appeal to significantly different groups of students from a range of disciplinary backgrounds, thus the MUI program will fill an important gap in the current offerings. The distinctive features of the MUI and the fact it will be one-of-a-kind in Canada, combined with the recent experience of other professional master's programs at the University, suggest considerable demand from students for programs with a strong applied focus and the transmission of practical skills.

A survey of 4<sup>th</sup> year students in undergraduate programs in the areas of Political Science, Geography, Economics, and Management elicited responses from more than 60 undergraduate and graduate students enrolled in these programs across all three university campuses. The results indicated that there is a very high level of support for such a program among prospective students. Almost 80 per cent of the students responding had considered enrolling in a graduate degree in a field related to urban or city studies. More than 60 per cent of the students indicated that they had a high interest in enrolling in a program, such as the MUI, while an additional 35 per cent of the students said they had a moderate interest in enrolling in a professional Master's program, like the MUI. The results of the survey are summarized in Appendix F.

### **Distinctiveness and Comparator Programs**

Outside of the University of Toronto, there are Canadian peer universities that offer graduate

programs in Planning, such as Ryerson, Waterloo (Waterloo also offers a Graduate Diploma in Planning in addition to a Master of Planning) or UBC, that overlap slightly with a few of the courses that will comprise the curriculum for the MUI. None of these programs provide the sustained focus on how, and to what extent, innovation can be a key source of urban and regional economic development or the broad combination of subject areas (see Appendix C) to be available to students through the MUI program. As such, the MUI program will be unique in Canada and North America.

The most closely related Ontario program is the MEDI offered in the Faculty of Environment, Enterprise and Development at the University of Waterloo. The MEDI program takes in about 15-20 new students a year and encompasses courses on environmental issues, economic development and one course on innovation as well as the option to pursue a 4-month internship.<sup>17</sup> The MEDI program has neither a sustained focus on innovation nor urban politics. There are a limited number of planning programs at other North American universities with a strong focus on regional economic development (Cornell, University of North Carolina and University of California, Los Angeles, for example), but none of them concentrate on community capacity building, innovation management and urban ED which lie at the core of the proposed program (see Appendix C).

The proposed MUI Program could potentially affect a number of existing programs offered at the University of Toronto. The three programs with the closest affinity to the MUI are the existing Master of Science in Planning (MScPI) program offered by the Department of Geography & Planning, the MPP program offered by the School of Public Policy and Governance, and the Master of Engineering in Cities Engineering and Management program offered by the Department of Civil Engineering. Though there are some overlapping themes with these programs, the MUI will differ from each in significant ways.

The MScPI focuses on a number of areas related to urban planning, of which ED is one area of specialization. The MUI Program will complement the offerings available in the MScPI program, and, we will explore potential synergies between the two programs going forward. Similarly, the MPP program provides students with a number of courses that focus on policy making and policy issues in urban governments and this program has been placing an increasing proportion of its student within urban governments. The MUI emphasize concepts of urban and regional economic development and offers students skills needed to build innovative urban environments that can attract and support innovative business enterprises, which is distinct from the broad policy focus of the MPP. The Master of Engineering in Cities Engineering and Management Program is designed to respond to the growing need for professionals with both

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<sup>17</sup> <https://uwaterloo.ca/school-environment-enterprise-development/graduate-programs/master-economic-development-and-innovation>.

technical expertise and a fundamental understanding of the complex engineering issues that cities face. While the program shares an urban focus with the proposed MUI, it has minimal overlap with the skill set and complementary areas of focus that the new program will offer.

## 6 Enrolment

The MUI program is expected to admit an initial intake of 15 students in its first year, with planned growth to a steady state intake of 30 students by its fifth year of operations (2023-24). This plan will result in an expected total student population of 60 students as of 2024-25, across two years of study. As indicated in the table below (Table 1: Graduate Enrolment Projections), the majority of students are expected to be domestic (approximately 90%) which is consistent with the MPP and MGA programs, which have averaged between 3% and 16% international intake over the past five years.

The following enrolment plans for MUI have been incorporated into UTM's proposed enrolment plan for the UofT January 2018 budget report:

**Table 1: Graduate Enrolment Projections**

	Academic year 2019-20	Academic year 2020-21	Academic year 2021-22	Academic year 2022-23	Academic year 2023-24	Academic year 2024-25
<b>Fall Domestic Headcount Enrolment</b>						
Year 1	14	18	23	25	27	27
Year 2		14	18	23	25	27
<b>Total Fall Domestic Headcount Enrolment</b>	<b>14</b>	<b>32</b>	<b>41</b>	<b>48</b>	<b>52</b>	<b>54</b>
<b>International Headcount Enrolment</b>						
Year 1	1	2	2	3	3	3
Year 2		1	2	2	3	3
<b>Total International Headcount Enrolment</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>6</b>

## 7 Admission Requirements

**Minimum Admission Requirements:**

Applicants are accepted under the general regulations of the School of Graduate Studies requiring all applicants to hold "an appropriate bachelor's degree, or its equivalent, with a final



year average of at least mid-B from a recognized university.” In addition, applicants must meet the following requirements:

- An appropriate bachelor’s degree from a recognized university in social sciences, management/commerce, or a related field such as architecture or civil engineering, with a standing equivalent to at least a mid-B in the final year of the program;
- Successful completion of 0.5 full-course equivalent (FCE) in an undergraduate statistics course;
- Letter of intent;
- Three (3) letters of reference; and
- A writing sample.

### **Explanation**

The program is open to students with a background in social sciences or management/commerce, or a related field such as architecture or civil engineering. It is also designed to appeal to those who have already spent some time in the workforce. The program will be of interest to people who have worked in the provincial or municipal governments or for local and/or regional development agencies. It is expected that the program will specifically appeal to students who have already taken an undergraduate degree with an urban concentration (UofT program examples include the Faculty of Arts and Science Urban Studies Specialist or Major programs and the UTSC City Studies Specialist or Major programs) but is also designed for students with a broad range of different disciplinary backgrounds (including Human Geography, Economics, Political Science, Urban Studies, Engineering or Architecture) from recognized Canadian or international universities. For applicants with prior work experience, one of the letters of reference should come from a person in a work-related position and the writing sample could include a report produced in their work position, as well as the traditional undergraduate essay.

## **8 Program Requirements**

### **Proposed Calendar Copy**

#### **Urban Innovation Master of Urban Innovation (MUI)**

#### **Overview:**

The Master of Urban Innovation (MUI) is a full-time, professional program that will encompass studies in urban economic development, community capacity building, innovation management, local and regional governance, urban sustainability and real estate development for innovation. It will be offered at UTM and will complement the suite of programs in management, innovation and sustainability currently offered in IMI and will build on the

strengths of other key UTM academic units, including the Departments of Geography, Economics and Political Science, and the Institute of Communication, Culture, Information and Technology (ICCIT). The objective of the MUI program is to respond to the growing job opportunities that exist for professionals trained in the fields of urban economic development and innovation through a cross-disciplinary approach. Upon graduation, MUI students will have acquired the analytical tools to enable them to produce effective economic development policies and plans, including a detailed knowledge of strategic management techniques, the role of real estate markets in local economic development, and critical tools for financial analysis.

**Minimum Admission Requirements:**

Applicants are accepted under the general regulations of the School of Graduate Studies. In addition, applicants must meet the following requirements:

- An appropriate bachelor's degree from a recognized university in social sciences, management/commerce, or a related field such as architecture or civil engineering, with a standing equivalent to at least a mid-B in the final year of the program;
- Successful completion of 0.5 full-course equivalent (FCE) in an undergraduate statistics course;
- Letter of intent;
- Three (3) letters of reference; and
- A writing sample.

**Program Requirements:**

Successful completion of 9.5 core FCEs consisting of:

- 4.5 FCE from core courses (MUI1010H, MUI1020H, MUI1030H, MUI1040H, MUI1050H, MUI1060H, MUI1070H, MUI1080H, MUI1090H)
- 0.5 FCE summer internship (MUI1100H)
- 0.5 FCE capstone group project (MUI2095H)
- 4.0 FCE electives chosen from the course lists below. It is recommended that a min. 2.0 FCE be completed from one of the three areas of focus. The remaining 2.0 FCE can come from any of the elective courses.

Normal Program Length: 5 sessions full-time (typical registration sequence: F/W/S/F/W)

Time Limit: 3 years (full-time)

**Course List:**

**Required Courses (5.5 full credits)**

MUI 1010H Introduction to Management of Urban Innovation (NEW)

MUI 1020H Civic Engagement and Economic Development (NEW)

MUI 1030H Urban and Regional Economic Development Theory (NEW)

MUI 1040H	Socially Sustainable Cities: Theory, Policy, and Practice (NEW)
MUI 1050H	Urban Politics (NEW)
MUI 1060H	Local and Regional Government: Management and Policymaking (NEW)
MUI 1070H	Development Finance (NEW)
MUI 1080H	Economic Development Planning (NEW)
MMI 1090H	Technology, Strategy & Policy
MUI 1100H	Summer Internship (NEW)
MUI 2095H	Capstone Course (NEW)

**Elective Courses (4.0 full credits)**

Urban Innovation: Analysis and Policy

MUI 2010H	Sectoral Analysis (NEW)
MUI 2020H	Microeconomics of Competitiveness (HBS-ISC Course) (NEW)
MUI 2030H	Planning for Jobs: Labour Market Transformations and Employment in 21st Century Cities (NEW)
POL 2394H	Innovation and Knowledge Transfers in City Regions
GLA 2018H	Innovation and the City
MUI 2050H	The Economics of Cities and Regions: Productivity, Technology and Jobs (NEW)
JPG 1607H	Geography of Competition
RSM 2132H	Prosperity and Competitiveness

Urban Sustainability & Infrastructure

JMG 2020H	Big Data and Global Cities
MUI 2040H	Real Estate Development (NEW)
MUI 2055H	Cities, Industry and the Environment (NEW)
SSM 1080H	Strategies for Sustainability Management
JPG 1558H	Transportation: Historical and Geographic Perspectives
GGR 1610	Geography of Finance and Financial Crisis
PLA 1801H	Urban Infrastructure Planning

Urban Politics and Governance

MUI 2060H	Comparative Urban Politics (NEW)
MUI 2070H	Planning and Governing the Metropolis (NEW)
MUI 2080H	Intelligent Communities/Smart Cities (NEW)

MUI 2090H Public Finance in Canadian Cities (NEW)

JPG 1512H Place, Politics and the Urban

### **Explanation of the Proposed Requirements**

The MUI is a professional program. The program is designed as a 20-month program of study that will include an internship in the summer between first and second year. The full course requirements for the program will be 9.5 FCE (including the summer internship). Of these, students will be expected to complete 4.5 full course equivalents (FCEs) from the core curriculum, a 0.5 FCE summer internship, a 0.5 FCE final capstone course and project, plus an additional 4.0 FCEs chosen from the list of electives and from the offerings of other departments, centres, and institutes across the university. The capstone course in the second year will provide students with the opportunity to draw upon the academic training provided in the core and elective courses, as well as the practical experience gained through the summer internship, to analyze a key problem or challenge in economic development and provide the analytical and governance components of an integrated solution to the problem. The second year elective courses are organized into three areas of focus, but these are not designated as formal fields of study within the program. Students will be expected to select at least 2.0 FCEs of these electives from one of the following three areas of focus: Urban innovation: analysis and policy; Urban sustainability and infrastructure; and Urban politics and governance. The remaining 2.0 FCE of electives can be selected from any of the elective course offerings in the program.

#### **Table 2**

#### **MUI – Proposed Course Offerings by Year (Overview)**

##### **Fall (Year 1) – 2.0 Core Courses:**

MUI 1010H Intro to Management of Urban Innovation  
MUI 1020H Civic Engagement and Economic Development  
MUI 1030H Urban and Regional Economic Development Theory  
MUI 1050H Urban Politics

##### **Winter/Spring (Year 1) – 2.5 Core Courses:**

MUI 1040H Socially Sustainable Cities: Theory, Policy and Practice  
MUI 1060H Local and Regional Government: Management and Policy-making  
MUI 1070H Development Finance  
MUI 1080H Economic Development Planning  
MMI 1090H Technology, Strategy & Policy

##### **Summer (Year 1) – 0.5 Core Courses:**

MUI 1100H Summer Internship

##### **Fall (Year 2) – 2.5 Elective Courses chosen from:**

JPG 1607H [Geography of Competition](#)

MUI 2050H	The Economics of Cities and Regions: Technology, Productivity and Jobs
MUI 2030H	Planning for Jobs: Labour Market Transformations and Employment in 21st C Cities
SSM 1080H	Strategies for Sustainability Management
PLA 1801H	Urban Infrastructure Planning
GGR 1610H	Geography of Finance and Financial Crisis
JPG 1558H	Transportation: Historical and Geographic Perspectives
JPG 1512H	Place, Politics and the Urban
MUI 2090H	Public Finance in Canadian Cities
MUI 2080H	Intelligent Communities/Smart Cities
RSM 2132H	Prosperity and Competitiveness

**Winter/Spring (Year 2) – 1.5 Elective Courses AND 0.5 Core Course:**

MUI 2095H	Capstone Course (required core course)
GLA 2018H	Innovation and the City
MUI 2010H	Sectoral Analysis
MUI 2020H	Microeconomics of Competition
POL 2394H	Innovation and Knowledge Flows in City-Regions
JMG 2020H	Big Data and Global Cities
MUI 2040H	Real Estate Development
MUI 2055H	Cities, Industry and the Environment
MUI 2060H	Comparative Urban Politics
MUI 2070H	Planning and Governing the Metropolis

**Legend:**

**Core Courses; Urban Innovation: Analysis & Policy ; Urban Sustainability & Infrastructure; Urban Politics & Governance**

The first year of the program consists of the core curriculum mandatory for all students. Some topics will be drawn from current curriculum in the existing MMI and the MScSM programs offered by IMI.<sup>18</sup> The core part of the curriculum will introduce students to the different approaches employed by economic development practitioners to enhance sustainable economic growth in neighbourhoods, cities and regions. Other core elements of the curriculum will include courses in development, finance, urban theory, sustainability and innovation. In keeping with the growing public policy emphasis on the need for environmentally sound approaches to economic development, the MUI will be a unique program that provides its graduates with the academic knowledge and applied skills required to manage the process of economic development and urban innovation in a socially and environmentally sustained manner.

The design of the program ensures the systematic acquisition of knowledge and skills related to innovation and economic development as students' progress through the program in Year 1. The program is structured to provide all of the students enrolled in it with a common

<sup>18</sup> <http://www.utm.utoronto.ca/mmi/mmi-your-masters-degree-12-months>

intellectual and multi-disciplinary background. This common background will ensure that all students completing their first year and entering into the summer internship are equipped with the necessary knowledge and analytical skills to derive the maximum benefit from their internship and are adequately prepared to complete the applied report that will be an important part of the internship.

By the end of their first year, MUI students will have the depth and breadth of knowledge to identify and analyze the relative contribution of the key economic, social and political drivers of urban development in a knowledge-based economy. They will understand the value and importance of leveraging local assets, both in terms of knowledge resources and the skills and talents in the local labour market to attract inward investment to their regions and support the growth and scaling up of local firms. They will also be able to demonstrate appropriate knowledge of the different means of financing urban economic development and both the contribution and limitations of public fiscal tools to support that development. Finally, they will learn how to apply their knowledge of the nature of networked governance relations in modern urban economies to analyze how the public, private and not-for-profit sectors contribute to the development and implementation of economic development strategies in different urban environments. Please see Section 10 of this proposal for more details relating to the learning outcomes.

In the internship component of the program, students will apply the knowledge and skills acquired in their courses during Year 1 in a professional setting. Students will be placed with one of the host organizations for their summer internship (see Table 2, below). During their internship, students will develop, evaluate and explain the alternative development strategies available to support the future economic growth of a particular city-region, the range of public policy tools available to support that growth and the respective role of private and not-for-profit organizations in contributing to a particular pattern of development.

**Table 3: Potential Host Organizations for Internship Placements**

- City of Brampton
- City of Mississauga
- City of Toronto
- Canada City Alliance
- Conservation Halton
- Credit Valley Conservation Authority
- The Daniels Corporation
- Greater Toronto Airport Authority
- Government of Ontario
- Hamilton Chamber of Commerce
- Ivanhoe Cambridge

Kaneff Group of Companies  
MaRS Discovery District  
Mattamy Homes  
Metrolinx  
Mississauga Board of Trade  
Nature Conservancy of Canada  
Ontario Ministry of Economic Development & Innovation  
Ontario Ministry of Research, Innovation, & Science  
RIC Centre  
Toronto and Region Conservation Authority  
Township of Oakville  
Tridel  
Urban Climate Resilience South East Asia Project  
Waterloo Region Economic Development Corporation

In addition to the experience gained by working on an applied set of problems related to the core program of study, students will be required to produce a brief report at the end of the internship that directly links one of the key policy issues or problems they worked on during their placement to the theoretical approaches and analytical techniques taught in the core curriculum of the first year.

In Year 2, students will select their courses from a prescribed list of course offerings outlined below. The courses are grouped by area of focus and will give students the opportunity to benefit from the wide range of expertise in this field found on all three campuses of the university. The thematically organized elective courses will allow students to meet the learning outcomes for the program by exploring additional aspects of the economic development process as well as the nature of local policy making and governance processes that define the broader political context within which economic development strategies are formulated and implemented. Three areas of focus will be offered:

1. Urban innovation: analysis and policy
2. Urban sustainability and infrastructure
3. Urban politics and governance

The full list of the course numbers and titles is described in Section 8 and indicates whether they are new or existing courses. The new courses that will be exclusive to the MUI program are designated with an MUI number, while existing courses are designated with their existing UofT course number.

In addition to the elective courses, students will be required to take a capstone course (0.5 FCE) in the second semester of Year 2 that will provide them with an opportunity to synthesize and

integrate the various elements of the program. The capstone course will be an opportunity to demonstrate their competence in economic development and policy analysis by applying an existing body of knowledge in the critical analysis of a new question or of a specific problem or issue in a new setting.

The multidisciplinary approach to understanding the economic, political and environmental factors that affect the process of economic development reflected in these respective areas of focus will be unique in Canada and has very few counterparts in North America; over the first five years of the program, our goal will be to establish the reputation of the MUI program as offering a truly distinctive approach for students to acquire the knowledge, skills and attitudes required to work in the field of economic development, whether for a government department or agency, a private sector firm or a not-for-profit association.

## 9 Program Description

Building on the successes of other professional master's programs offered by IMI and across UofT, the MUI will be a blend of research-informed courses with opportunities for knowledge integration and application. By drawing on UofT's well-established faculty expertise and teaching talent, exciting research in the area of innovation undertaken by faculty associated with IMI and the resources of IMI itself, the MUI will provide students with unique academic content in the areas of ED, policy, urban politics, urban innovation, sustainability, infrastructure and governance – all fields in which UofT already has considerable strength.

The program also requires students to complete a 4-month placement in national and international locations, exposing students to experiences that enhance their learning and development. The final capstone course will be the culmination of their learning and placement experience, allowing students to demonstrate mastery of the curriculum and skillset while sharing their knowledge with their peers.

To achieve this, the MUI program will be offered on a full-time basis over the course of five terms, commencing in September and concluding at the end of April in Year 2. Based on the experience of our professional Masters' programs at UofT over the past decade, this structure is the most appropriate for the purposes of the MUI program. It will combine a foundational set of courses that all students in the program will take together in the first year, with a wide range of internships in the summer between the first and second year, and finally, a more in-depth set of elective courses in the second year so that students can pursue a particular aspect of the program in greater depth and explore the range of related courses on all three campuses. First year courses are designed to allow students from a diverse array of disciplinary backgrounds to



acquire foundational knowledge in urban governance, theories of economic development and innovation that will be essential for the summer internships as well as the learning that will occur in Year 2. The program will also adopt some of the professional development opportunities provided to students in IMI programs and masters programs at the Munk School within the summer internship component of the program.

The program will rely on the delivery approaches that are deployed in the comparator programs discussed above. In addition, the MUI program structure and delivery methods reflect universal design principles and UTM has considered the potential need to provide mental or physical health accommodations in its development. It may be possible, if required, to use available videoconferencing technologies to allow students to attend courses from other locations. In addition, wheelchair accessible shuttle bus transportation between the UTM and St. George campuses is provided free of charge to graduate students in UTM professional programs. Though the program is lock-step and students are expected to complete the required courses in sequence, program administrators will work with students in need of accommodation to ensure that their time to completion of the MUI is not affected wherever possible. Envisioned options include identifying suitable UofT courses that can be taken in place of a missed or failed course; locating an appropriate external course (at another institution) that can be completed for transfer credit to fulfil program requirements; allowing the student to complete a missing Year 1 course in Year 2 of their program while they complete their second year requirements; and flexibility in how and when the internship placement course is completed. In situations where time to completion must be extended beyond the 5 terms, students will be provided with access to academic counselling and financial support to assist with the successful completion of their program. Additionally, the lock-step nature of the first year of the MUI will be made clear to all potential applicants on the program website, in recruitment material, and other marketing material.

The foundational courses offered in the first year will combine elements of the professional style classroom structure that combines the transmission of critical concepts and background information by the instructor, with assignments and presentations by members of the class on a weekly basis to engage students directly in the comprehension and application of the course material. The second year curriculum will offer students a choice among a range of seminar format graduate programs from across the university and the program will culminate with a capstone course that requires students to synthesize key knowledge and insights gained through the foundational courses in the first year of the program, their summer placement and the elective courses taken in second year.

The summer internship (MUI 1100) will be offered on the same basis as other IMI programs. IMI programs generally offer an internship, ranging from 4-12-months in length and are of a

standard that reflects a graduate level course. There will be professional resources available through IMI and a dedicated internship coordinator within the program to assist the students in finding summer placements. The vast majority of these placements are paid, offering additional funding assistance to our students (see Section 13.3 of this proposal for more details on funding). The MUI internships will be three and a half months in duration. Each student will work on at least one project or initiative under the guidance of a supervisor from the host organization. The internship reports produced at the end of their placement will be assessed by the MUI internship coordinator and reviewed by the Director of the program. Students will be expected to attend their internships for a normal 35-hour work week from mid-May to the end of August.

The capstone course in the second year (MUI 2095) will be overseen by several core faculty members from the program. The course will require the students to work in groups on at least one economic development problem or policy.. We expect that the project work will draw upon the experiential learning the students have gained during their internship and that they will use that experience to assist them with the approaches they use to complete their capstone report/presentation.

Whereas the Province's Quality Assurance Framework requires that students complete a minimum of 2/3 courses at the graduate level, the University of Toronto requires graduate students to complete all of their course requirements from amongst graduate level courses. This proposed program complies with this requirement.

## **10 Degree Level Expectations, Program Learning Outcomes and Program Structure**

Students enrolled in the program will acquire the analytical tools to enable them to produce effective economic development policies and strategies, including a detailed knowledge of strategic management techniques, the importance of fostering collaborative approaches to economic development that involve a broad cross section of stakeholders in the local and regional economy, alternative methods available to finance economic development strategies and the role of real estate markets in local economic development. Finally, they will learn about how community and regional assets, in social services as well as in the arts and culture, can contribute to building innovative, healthy, and diversified economies.

The MUI program learning objectives can be summarized as follows:

- PLO 1 **Analyze** the relative contribution of the key economic, social and political drivers of urban development in a knowledge-based economy.
- PLO 2 **Formulate** specific strategies and plans of action that maximize the prospective contribution of different levels of government, the private sector, and the not-for-profit sector to the development and implementation of urban economic development strategies in different urban environments.
- PLO 3 **Compare** the forms of finance available to support economic development in a specific region and **select** the most appropriate fiscal policy tools to support that development.
- PLO 4 **Interpret** relevant data sources from both public agencies such as Statistics Canada and private reports and **use it to support** analyses of economic development strategies.
- PLO 5 **Communicate** with clarity and accuracy to build support for a proposed course of action among a broad cross-section of stakeholders in both oral and written form
- PLO 6 **Assess** the social, economic, and environmental implications of different development approaches to ensure that they will contribute to innovative, equitable, and sustainable growth.
- PLO 7 **Synthesize** the research methods and approaches of different disciplines (i.e. political science and public policy, economic geography, management and urban economics, etc.) to **develop** alternative development strategies that will support the future economic growth of a region.

Table 3 below outlines how the MUI program and courses will fulfill our program learning outcomes and degree level expectations.



**Table 4: Master's DLEs**

MASTER'S DEGREE LEVEL EXPECTATIONS (based on the Ontario Council of Academic Vice Presidents (OCAV) DLEs)	MASTER'S PROGRAM LEARNING OBJECTIVES AND OUTCOMES	HOW THE PROGRAM DESIGN AND REQUIREMENTS SUPPORT THE ATTAINMENT OF STUDENT LEARNING OUTCOMES
<p><b>EXPECTATIONS:</b></p> <p><i>This Master of Urban Innovation is awarded to students who have demonstrated:</i></p>		
<p><b>1. Depth and Breadth of Knowledge</b></p> <p>A systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of the academic discipline, field of study, or area of professional practice.</p>	<p>Depth and breadth of knowledge is defined in the Master of Urban Innovation in terms of students who are able to:</p> <ul style="list-style-type: none"> <li>• <b>PLO 1 - Analyze</b> the relative contribution of the key economic, social and political drivers of urban development in a knowledge-based economy;</li> <li>• <b>PLO 2 - Formulate</b> specific strategies and plans of action that maximize the prospective contribution of different levels of government, the private sector, and the not-for-profit sector to the development and implementation of urban economic development strategies in different urban environments;</li> <li>• <b>PLO 3 - Compare</b> the forms of finance available to support economic development in a specific region and <b>select</b> the most appropriate fiscal policy tools to support that development;</li> <li>• <b>PLO 6 - Assess</b> the social, economic, and environmental implications of different development</li> </ul>	<p>The program design and requirements ensure that students attain the learning outcomes for depth and breadth of knowledge through both the structure and the integration of both the required first year elements and the second year choices of optional courses.</p> <p>In particular the following core courses in the MUI program will contribute to the student's mastery of depth and breadth of knowledge required by the graduates of this program:</p> <p><b>MUI 1010H Core Course in Management of Urban Innovation</b></p> <p><b>MUI 1020H Civic Engagement and Economic Development</b></p> <p><b>MUI 1030H Urban and Regional Economic Development Theory</b></p> <p><b>MUI 1040H Socially Sustainable Cities: Theory, Policy and Practice</b></p> <p><b>MUI 1050H Urban Politics</b></p> <p><b>MUI 1060H Local and Regional Government: Management and Policymaking</b></p> <p><b>MUI 1070H Development Finance</b></p> <p><b>MUI 1080H Economic Development Planning</b></p>

<b>MASTER'S DEGREE LEVEL EXPECTATIONS (based on the Ontario Council of Academic Vice Presidents (OCAV) DLEs)</b>	<b>MASTER'S PROGRAM LEARNING OBJECTIVES AND OUTCOMES</b>	<b>HOW THE PROGRAM DESIGN AND REQUIREMENTS SUPPORT THE ATTAINMENT OF STUDENT LEARNING OUTCOMES</b>
	<p>approaches to ensure that they will contribute to innovative, equitable, and sustainable growth; and</p> <ul style="list-style-type: none"> <li>• <b>PLO 7 - Synthesize</b> the approaches of different disciplines (i.e. political science and public policy, economic geography, management and urban economics, etc.) to develop alternative development strategies that will support the future economic growth of a region.</li> </ul>	<p><b>MMI 1090H Technology, Strategy &amp; Policy</b></p> <p><b>MUI 2095H Capstone Course</b></p>
<p><b>2. Research and Scholarship</b></p> <p>A conceptual understanding and methodological competence that i) Enables a working comprehension of how established techniques of research and inquiry are used to create and interpret knowledge in the discipline; ii) Enables a critical evaluation of current research and advanced research and scholarship in the discipline or area of professional competence; and iii) Enables a treatment of complex issues and judgments based on established principles and techniques; and, on the basis of that competence, has shown at least one of the following: i) The development and support of a sustained argument in written form; or ii) Originality in the application of knowledge.</p>	<p>Research and Scholarship is defined in the Master of Urban Innovation as students who are able to:</p> <ul style="list-style-type: none"> <li>• <b>PLO 3 - Compare</b> the forms of finance available to support economic development in a specific region and <b>select</b> the most appropriate fiscal policy tools to support that development;</li> <li>• <b>PLO 4 - Interpret</b> relevant data sources from both public agencies, such as Statistics Canada, and private reports and <b>use it to support</b> analyses of economic development strategies;</li> <li>• <b>PLO 6 - Assess</b> the social, economic, and environmental implications of different development approaches to ensure that they will contribute to innovative, equitable, and sustainable growth; and</li> <li>• <b>PLO 7 - Synthesize</b> the approaches of different</li> </ul>	<p>The program design and requirements ensure these student outcomes for research and scholarship are grounded in the ability to apply specific research methodologies used in the relevant disciplines of the program – political science and public policy, economic geography, management and urban economics to. Material covered in the core courses offered in the first year of the program and the elective courses offered in the second year will provide students with the skills and understanding to:</p> <ul style="list-style-type: none"> <li>• Determine the most appropriate methods of economic analysis to evaluate the array of factors influencing the pattern of regional economic development in a particular urban setting and use the analytical tools acquired in the program to assess the prospects for economic growth in a particular city-region;</li> <li>• Use the knowledge and</li> </ul>

<b>MASTER'S DEGREE LEVEL EXPECTATIONS (based on the Ontario Council of Academic Vice Presidents (OCAV) DLEs)</b>	<b>MASTER'S PROGRAM LEARNING OBJECTIVES AND OUTCOMES</b>	<b>HOW THE PROGRAM DESIGN AND REQUIREMENTS SUPPORT THE ATTAINMENT OF STUDENT LEARNING OUTCOMES</b>
	<p>disciplines (i.e. political science and public policy, economic geography, management and urban economics, etc.) to develop alternative development strategies that will support the future economic growth of a region.</p>	<p>tools acquired in the program to evaluate the necessary public and infrastructural factors that influence the pattern of economic development in a particular city-region, including basic physical infrastructure, alternative transportation systems, the increasing importance of digital infrastructure and the available fiscal tools to support development options;</p> <ul style="list-style-type: none"> <li>• Learn the way in which political decisions are made and public policies are formulated at the municipal level and the degree to which they are shaped and constrained by policies from the senior levels to evaluate the prospects for the success or failure of specific economic development strategies in a particular urban context;</li> <li>• Learn how to apply the interdisciplinary conceptual approaches and research methods taught in the program to undertake specific case studies and provide policy advice to public, private and not-for-profit organizations on the prospects for success or the obstacles to implementations of a specific development strategy.</li> <li>• Acquire an appreciation of the interdependent nature</li> </ul>

<b>MASTER'S DEGREE LEVEL EXPECTATIONS (based on the Ontario Council of Academic Vice Presidents (OCAV) DLEs)</b>	<b>MASTER'S PROGRAM LEARNING OBJECTIVES AND OUTCOMES</b>	<b>HOW THE PROGRAM DESIGN AND REQUIREMENTS SUPPORT THE ATTAINMENT OF STUDENT LEARNING OUTCOMES</b>
		<p>of economic, social and environmental development and learn to assess the way in which different development approaches and the provision of public infrastructure produce different social, environment and distributional outcomes.</p> <p>While all program courses will accomplish these outcomes, these cores courses in particular will emphasize this:</p> <p><b>MUI 1010H Introduction to Management of Urban Innovation</b></p> <p><b>MUI 1020H Civic Engagement and Economic Development</b></p> <p><b>MUI 1030H Urban and Regional Economic Development Theory</b></p> <p><b>MUI 1040H Socially Sustainable Cities: Theory, Policy, and Practice</b></p> <p><b>MUI 1050H Urban Politics</b></p> <p><b>MUI 1060H Local and Regional Government: Management and Policymaking</b></p> <p><b>MUI 1070H Development Finance</b></p> <p><b>MUI 1080H Economic Development Planning</b></p> <p><b>MUI 2095H Capstone Course</b></p>
<p><b>3. Application of Knowledge</b></p> <p>Competence in the research process by applying an existing body of knowledge in the critical analysis of a new question or of a specific problem or issue in a new setting.</p>	<p>Application of Knowledge is defined in the Master of Urban Innovation as students who are able to:</p> <ul style="list-style-type: none"> <li>• <b>PLO 2 - Formulate</b> specific strategies and plans of action that maximize the prospective contribution of different levels of government, the private sector and the not-for-</li> </ul>	<p>The program design and requirements that ensure these student outcomes for application of knowledge are attained include:</p> <ul style="list-style-type: none"> <li>• Over the course of the program, students will develop the skills to analyze different patterns of sectoral economic development in a local and</li> </ul>

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	<p>profit sector to the development and implementation of urban economic development strategies in different urban environments;</p> <ul style="list-style-type: none"> <li>• <b>PLO 3 - Compare</b> the forms of finance available to support economic development in a specific region and <b>select</b> the most appropriate fiscal policy tools to support that development;</li> <li>• <b>PLO 4 - Interpret</b> relevant data sources from both public agencies, such as Statistics Canada, and private reports and <b>use it to support</b> analyses of economic development strategies;</li> <li>• <b>PLO 6 - Assess</b> the social, economic, and environmental implications of different development approaches to ensure that they will contribute to innovative, equitable, and sustainable growth; and</li> <li>• <b>PLO 7 - Synthesize</b> the approaches of different disciplines (i.e. political science and public policy, economic geography, management and urban economics, etc.) to develop alternative development strategies that will support the future economic growth of a region.</li> </ul>	<p>regional economy and the micro-economic conditions of competition that influence the prospects for growth for different firms and industries in a specific locale;</p> <p>These core courses in particular will support the acquisition of these outcomes:</p> <p><b>MUI 1010H Core Course in Management of Urban Innovation</b></p> <p><b>MUI 1020H Civic Engagement and Economic Development</b></p> <p><b>MUI 1030H Urban and Regional Economic Development Theory</b></p> <p><b>MUI 1040H Socially Sustainable Cities: Theory, Policy, and Practice</b></p> <p><b>MUI 1050H Urban Politics</b></p> <p><b>MUI 1060H Local and Regional Government: Management and Policymaking</b></p> <p><b>MUI 1070H Development Finance</b></p> <p><b>MUI 1080H Economic Development Planning</b></p> <p><b>MUI 2095H Capstone Course</b></p>
<p><b>4. Professional Capacity/Autonomy</b></p> <p>a. The qualities and transferable skills necessary for employment</p>	<p>Professional Capacity/Autonomy is defined in the Master of Urban Innovation as students who are able</p>	<p>The program design and requirements that ensure these student outcomes for professional</p>



<b>MASTER'S DEGREE LEVEL EXPECTATIONS (based on the Ontario Council of Academic Vice Presidents (OCAV) DLEs)</b>	<b>MASTER'S PROGRAM LEARNING OBJECTIVES AND OUTCOMES</b>	<b>HOW THE PROGRAM DESIGN AND REQUIREMENTS SUPPORT THE ATTAINMENT OF STUDENT LEARNING OUTCOMES</b>
<p>requiring i) The exercise of initiative and of personal responsibility and accountability; and ii) Decision-making in complex situations; b. The intellectual independence required for continuing professional development; c. The ethical behavior consistent with academic integrity and the use of appropriate guidelines and procedures for responsible conduct of research; and d. The ability to appreciate the broader implications of applying knowledge to particular contexts.</p>	<p>to:</p> <ul style="list-style-type: none"> <li>• <b>PLO 2 - Formulate</b> specific strategies and plans of action that maximize the prospective contribution of different levels of government, the private sector and the not-for-profit sector to the development and implementation of urban economic development strategies in different urban environments;</li> <li>• <b>PLO 3 - Compare</b> the forms of finance available to support economic development in a specific region and <b>select</b> the most appropriate fiscal economic development strategies; and</li> <li>• <b>PLO 5 - Communicate</b> with clarity and accuracy to build support for a proposed course of action among a broad cross-section of stakeholders in both oral and written form.</li> </ul>	<p>capacity/autonomy are attained include:</p> <ul style="list-style-type: none"> <li>• Through the various courses offered in the program, students will become acquainted with both the knowledge and skills used by different disciplines to formulate economic development policies, as well as the underlying norms and values that shape the practice of economic development professionals;</li> <li>• Through the courses that study the rationale for and practice of new collaborative forms of governance, students will learn that the shift from a command and control pattern of public policy formulation to more networked forms of governance requires a greater reliance on 'soft' communication and leadership skills to achieve desired outcomes and that the ability to create 'bridging' forms of social and civic capital may be the most effective policy tools they can deploy when working in more collaborative environments;</li> <li>• Through participation in the summer internship part of the program, as well as through both the past and present practitioners who will participate in the program,</li> </ul>

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		<p>and in class presentations of case study material, students will learn to emulate the professional demeanour of people working in this vocation.</p> <p>These core courses in particular will support these outcomes:</p> <p><b>MUI 1010H Core Course in Management of Urban Innovation</b></p> <p><b>MUI 1020H Civic Engagement and Economic Development</b></p> <p><b>MUI 1070H Development Finance</b></p> <p><b>MUI 1080H Economic Development Planning</b></p> <p><b>MUI 2095H Capstone Course</b></p>
<p><b>5. Communications Skills</b></p> <p>The ability to communicate ideas, issues and conclusions clearly.</p>	<p>Communications Skills is defined in the Master of Urban Innovation as students who are able to:</p> <ul style="list-style-type: none"> <li>• <b>PLO 5 - Communicate</b> with clarity and accuracy to build support for a proposed course of action among a broad cross-section of stakeholders in both oral and written form.</li> </ul>	<p>The program design and requirements that ensure these student outcomes for communication skills are attained include the following:</p> <ul style="list-style-type: none"> <li>• Through experience gained in class presentations of applied reports as well as in the summary reports from the internship (<b>MUI 1100H</b>) and the capstone course (<b>MUI 2095H</b>), students will acquire the ability to explain the theoretical and applied techniques used to analyze current trends in economic development and future possibilities to a wide range of firms and organizations that are part of a proposed development strategy using clear, coherent, concise and correct oral and written</li> </ul>

<b>MASTER'S DEGREE LEVEL EXPECTATIONS (based on the Ontario Council of Academic Vice Presidents (OCAV) DLEs)</b>	<b>MASTER'S PROGRAM LEARNING OBJECTIVES AND OUTCOMES</b>	<b>HOW THE PROGRAM DESIGN AND REQUIREMENTS SUPPORT THE ATTAINMENT OF STUDENT LEARNING OUTCOMES</b>
		<p>communication;</p> <ul style="list-style-type: none"> <li>Applied assignments and case study material in the various courses will teach students how to organize and present the analysis derived from their research and justify the proposed policy actions that flow from that analysis.</li> </ul>
<p><b>6. Awareness of Limits of Knowledge</b></p> <p>Cognizance of the complexity of knowledge and of the potential contributions of other interpretations, methods, and disciplines.</p>	<p>Awareness of limits of knowledge is defined in the Master of Urban Innovation as students who are able to:</p> <ul style="list-style-type: none"> <li><b>PLO 2 - Formulate</b> specific strategies and plans of action that maximize the prospective contribution of different levels of government, the private sector and the not-for-profit sector to the development and implementation of urban economic development strategies in different urban environments; and</li> <li><b>PLO 7 - Synthesize</b> the approaches of different disciplines (i.e. political science and public policy, economic geography, management and urban economics, etc.) to develop alternative development strategies that will support the future economic growth of a region.</li> </ul>	<p>The program design and requirements that ensure these student outcomes for awareness of limits of knowledge are based on both the structure and the integration of both the required first year elements and the second year choices of optional courses.</p> <p>In particular, the following core courses in the MUI program structure will support the acquisition of these outcomes:</p> <p><b>MUI 1010H Core Course in Management of Urban Innovation</b></p> <p><b>MUI 1020H Civic Engagement and Economic Development</b></p> <p><b>MUI 1050H Urban Politics</b></p> <p><b>MUI 1060H Local and Regional Government: Management and Policymaking</b></p> <p><b>MUI 2095H Capstone Course</b></p> <p><b>Both the mandatory first year elements of the program and the second choice of optional courses will ensure student mastery of the Awareness of Limits of Knowledge Learning outcomes.</b></p>



## 11 Assessment of Learning

Student achievement in the MUI program will be assessed using a variety of measures that include selected combinations of tests, exams and written assignments (such as essays, research papers, case study proposals, critical evaluation reports and self and group project evaluations), an internship-based report and oral presentations using electronic technology such as PowerPoint. The focus of these assignments will be on the depth, breadth, and application of knowledge, and the reinforcement of written and oral communication skills informed by the key concepts and techniques of the disciplines in the program.

The use of individual and group written assignments will require students to demonstrate the depth and breadth of their knowledge, and, specifically, the understanding and application of key concepts, methodologies and theoretical approaches. The assessments will be useful as well in demonstrating critical and analytic thinking skills and problem-solving, as well as the ability to communicate that ability to others.

Individual and group oral presentations will assist in reinforcing students' oral communication skills, using supported arguments and analysis to further demonstrate their understanding of key concepts, methodologies and theoretical approaches. Group work will also allow students to practise their teamwork skills and responsibility to self and others.

Research papers will provide opportunities for students to demonstrate both the hard and soft skills acquired through the program: papers will require students to develop an in-depth analysis of a critical issue, challenge or opportunity, or an analysis of a complex set of economic conditions facing different urban settings, combined with the appropriate strategies situated to address the underlying reality of those conditions. At the same time, students will practise their information literacy skills and demonstrate their ability to present and explain the issue and the strategies they have developed in a clear, coherent and correct written form.

Case studies are useful in assessing student mastery of specific Master's Degree Level Standards. For example, case studies require students to demonstrate the depth and breadth of their understanding of both the social and economic factors that drive innovation based urban development in a 21<sup>st</sup> century economy by using critical and analytical thinking skills to evaluate the case information and to generate alternatives in order to arrive at strategies, solutions and recommendations (depth and breadth of knowledge). Students will demonstrate their ability to evaluate critically the quantitative and qualitative information contained in the

case to make judgments in accordance with underlying concepts within the discipline to propose solutions or make recommendations (application of knowledge). Students will demonstrate a similar scope of knowledge and understanding in how complex governance arrangements that extend beyond the formal boundaries of our normal governmental institutions create and sustain the conditions that support these new forms of innovation-based economic development. The case approach and professional tone of the students' communication reinforce their development of a sense of professional responsibility to society and an adherence to the highest level of integrity/ethical decision-making skills for complex contexts as in a work environment (professional capacity/autonomy). Those assignments using unstructured case issues will allow students to identify those areas of knowledge that require further development and how these areas influence the level of analysis and recommended strategies (awareness of limits of knowledge). Finally, using their knowledge of the complex interplay of social, economic and political factors that contribute to economic development and the various research methodologies appropriate to analyze those factors, students will communicate their analysis of alternatives and recommendation in writing for both the specialist and non-specialist adapting vocabulary and explanations as required (written communication).

Examinations may be comprised of short-answer and essay questions and will assess the students' ability to use critical and analytical thinking skills while demonstrating the depth and breadth of their knowledge as applied to the examination questions in a well-written format.

In addition to summative assessments used to arrive at course grades, a number of formative techniques such as self and peer review and reflective writing can provide informal feedback to both the students and the professor – to students to allow them to measure their comprehension of material and their ability to analyze and synthesize concepts and theory as covered in the course and to the professor as feedback on student progress and comprehension of course material.

In the first year mandatory (core) courses, students will be introduced to those disciplines that comprise urban innovation including economics, the relevance of applied technology for innovation-based development, regional economic geography, finance and political science and governance, as it applies to the local and municipal government. Assessments will be tied to course and program learning outcomes. Some examples are outlined below.

A final examination in MUI 1020H, Civic Engagement and Economic Development, will address all course learning outcomes and will required students to use critical thinking skills and pervasive competencies such as communication and decision-making skills while employing a cross-functional approach to problem-solving within multiple knowledge areas. Specifically, as the primary objective of the course is to encourage students to understand the relationship

between the theory, process and practice of community and economic development and to identify key themes, cross-cutting challenges and opportunities for innovation-based economic development, students may be asked to identify one key theme, discuss the challenges associated with promoting this form of development and present an opportunity for aligning the interests of economic/social, public/private interests in support of these strategies, not previously discussed in class.

MUI 1040H, *Socially Sustainable Cities: Theory, Policy and Practice*, addresses current issues in sustaining equitable and democratic cities. Topics covered in the course include collaborative governance, community inclusion, neighbourhood revitalization and affordable housing and the critical role of public transit in contributing to the growth of socially inclusive cities.

Essays/research papers will be used to develop knowledge of social sustainability strategies to balance innovation and inclusion with students required to demonstrate the depth and breadth of their understanding of course material applying it using critical/analytical thinking and communication skills to discuss the organizational challenge and community impacts of different strategies and forms of policy interventions.

MUI 1050H, *Urban Politics*, explores various challenges associated with governing urban metropolises and formulating implementable solutions to the complex mix of urban economic problems. Small group presentations will be used in which students will present reports on topics such as the programmatic and administrative responsibilities of municipal governments, as well as the resources available to municipal level governments to develop appropriate policy solutions, as well as the fiscal and administrative constraints on those resources. Each group will practise research skills, while developing an in-depth knowledge of a specific topic with all students profiting from each other's work. These presentations will reinforce students' oral communication skills, as well as their interpersonal and critical thinking skills.

In the final assignment in MUI 1060H, *Local and Regional Government: Management and Policymaking*, students will be required to address a major strategic issue in a specific municipality. Students will understand that local governments require complex integrative strategies to operate successfully. They will demonstrate depth and breadth of knowledge, application of knowledge and communication skills in analyzing the issue, developing and evaluating alternatives and recommending a course of action including an implementation plan.

The summer Internship provides students with an opportunity to integrate the academic knowledge they have acquired through the first year material in the core courses with relevant work experience. As stated previously, the internship will enable students to synthesize and apply the cross-disciplinary knowledge that underlies the program while also assisting them to move further towards mastery of program learning outcomes. At the end of this experience, students will be required to submit a brief report analyzing one of the key policies or issues

encountered during the work term using theories and knowledge acquired through coursework in Year One. Successful completion of the internship is based on an assessment completed by the student's work supervisor and a review of the brief written project report by both the Director and the internship coordinator.

In the Capstone Course, MUI2095H, student groups will work together on a project that requires the synthesis and integration of the various elements of the program by applying an existing body of knowledge to the critical analysis of a new question, issue or problem in a specific setting. The course will contribute to the students' acquisition of the program's learning outcomes as they apply the depth and breadth of knowledge, research skills, application of knowledge, professional capacity and communication skills to the analysis of a key problem or challenge in economic development and provision of the analytical and governance components of an integrated solution.

Strong emphasis will be placed in the program on the use of assessment tools that prepare students to work with the wide range of community organizations that constitute the ultimate market for the program's graduates. Particular attention will be paid to developing the capacity to analyze complex sets of economic conditions (depth and breadth of knowledge) and situate potential strategies within the underlying reality of those conditions (depth and breadth of knowledge; level of application of knowledge; professional capacity/ autonomy). Students will be evaluated on the basis of their ability to both analyze a given situation and potential set of challenges and opportunity, but also the ability to clearly present and explain the strategies they have selected to an audience of practitioners across the public/private and not-for-profit sectors (professional capacity/ autonomy; level of communications skills). Emphasis will be placed on both individual and team-based assignments in the program which reflect the importance of the collaborative form of problem solving intrinsic to the development processes studied in the program, as well as the use of collaborative forms of assessment.

The program is organized to allow students to choose an area of focus from one of three topics and to select additional courses from the remaining two as part of the eight elective half-courses that comprise Year Two of the program. All courses have been chosen to ensure they contribute to mastery of the program's learning outcomes. Assessments, chosen by each professor, will be tied to the Master's Degree Level Expectations.

The program learning outcomes outlined above will be measured against Degree Level Expectations within the MUI (see Section 10 Degree Level Expectations).

MUI students will be evaluated according to how well they complete the work requested of them in terms of the substance and content of their responses, the clarity with which they can express their ideas and their ability to communicate their findings to a broad audience of both

their peers, as well as practitioners in the field (professional capacity/ autonomy; level of communication skills.

The effectiveness of the MUI as a professional training program will be assessed in a number of ways. The program's Director will closely monitor and reassess the curriculum as required based on consultation with students and faculty to ensure that the MUI program maintains its rigorous standards and is responsive to this evolving field of study. At the end of Year 1 and upon graduation, IMI will survey students in terms of satisfaction and the results will be shared with the administrators of the program and the faculty teaching in it in order to ensure student expectations are being met. The surveys will also help program administrators to identify ways to improve the curriculum, course delivery and internship placements moving forward. In addition, we will monitor employment progress through alumni outreach in the form of surveys and informal discussions. We will also maintain contact, both formal and informal, with major employers of the internship component to ask their input on the progress of students in the program and the degree to which the program is meeting the skills and expertise required in this sector. Alumni will also be solicited for information on how to improve the program, in part through an Alumni Advisory Group.

## 12 Consultation

We have undertaken extensive consultations with a cross-section of departments, programs and faculties, both at UTM as well as across the University, especially with existing programs that may be affected by the introduction of the MUI program. We have also held extensive consultations with the teaching faculty listed in the complement plan, all of whom have expressed interest in participating in the proposed program. Support for the program is uniformly strong with a commitment from a number of existing programs and departments to open their courses to the MUI program and students such as the graduate Program in Planning (Master of Science in Planning and PhD in Planning), the Master of Public Policy Program and the Master of Global Affairs Program. The potential for sustained collaboration with the MUI among complementary programs is significant and will serve to enhance existing research and teaching strengths in areas aligned with both the urban and innovation defined broadly at the University.

Within the Faculty of Arts & Science at the St. George campus, consultation was sought in the Office of the Dean from Prof. Dwayne Benjamin, Vice-Dean Graduate. Further consultation within the Faculty was completed with the Urban Studies Program at Innis College (Prof.



Shauna Brail, Program Director and UofT Presidential Advisor on Urban Engagement); the Department of Geography & Planning (Prof. Virginia Maclaren, Graduate Chair); the School of Public Policy and Governance (Prof. Peter Loewen, Director); and the Munk School of Global Affairs (Prof. Stephen Toope, former Director). Discussions with the Department of Geography & Planning have resulted in better clarification of the MUI's focus on economic geography, which fills a gap in the current Planning program. In this respect, there are potential synergies between the two programs that could be further developed once the MUI comes into existence. Consultation was undertaken with two Directors of the School of Public Policy and Governance. The former (Prof. Mark Stabile) and present (Prof. Peter Loewen) Directors of the School recognize some slight overlaps with the MPP program but are supportive of the new program. Discussions with the Munk School of Global Affairs confirm that there is little direct overlap between the proposed new MUI program and the existing MGA degree.

Outside of the Faculty of Arts & Science, consultation was sought with the Master's in City Engineering and Management Program in the Faculty of Applied Science and Engineering (Prof. Brent Sleep, Chair, Department of Civil Engineering). The resulting discussion suggested that there is little potential overlap between the two programs, but there is significant potential for possible collaboration. The current Engineering program is somewhat undersubscribed and is keen to collaborate with MUI in any way that could potentially share course listings and increase enrolments. Additionally, consultation was done with UTSC (Prof. William Gough, Vice-Principal Academic & Dean at UTSC; Prof. Mary Silcox, Vice-Dean Graduate at UTSC) and the Rotman School of Management (Prof. Brian Golden, Vice-Dean MBA Programs). Prof. Joshua Barker, Dean of the School of Graduate Studies and Vice-Provost, Graduate Research and Education was also met with to discuss the MUI in relation to the School of Cities, currently in development. Prof. Richard M. Sommer, Dean of the John H. Daniels Faculty of Architecture, Landscape and Design was also consulted. No concerns were raised about the proposed new program from any of these units.

The most relevant association for this program is the Economic Developers Council of Ontario. However, this organization represents professionals working in the field as individuals, rather than specific organizations. We have had preliminary consultations with members of the organization and are looking forward to continuing discussions as progress on MUI develops. Economic development professionals in the provincial Ministry of Economic Development, Employment and Infrastructure are also strongly interested in and supportive of this program.

## 13 Resources:

Resources for the proposed MUI program have been provided for out of the incremental net revenues that will flow to UTM from the proposed MUI student enrolments. In addition to the

three new faculty hires that are discussed in section 13.1 below, the program has planned to hire 2 administrative staff dedicated to the program who will perform administrative, recruiting and internship placement duties in coordination with other central resources that are provided by IMI. These staffing levels are consistent with other new professional master's programs housed within IMI.

Classroom space will be available through IMI for the new MUI courses. Additional space requirements are expected to be minimal for the elective courses that are offered by other programs and divisions. Given the breadth of elective options (students are choosing only a select number of courses within one of three areas of focus), it has been agreed upon that the potential increase in enrolment of any given course each year will not be significant and will be able to be accommodated within the current space/ classroom arrangements.

### **13.1 Faculty Complement**

In keeping with its status as a professional master's program, MUI courses will be offered by faculty with a combination of relevant research expertise and professional experience, many of whom are already in place either on the UTM campus or one of the other two campuses (please see Table 4: Faculty Complement below). However, additional faculty hires will be required to achieve the pedagogic goals and academic integrity of the MUI program and thus, have been planned for and resourced accordingly. As noted above, the material taught in the MUI program are anchored in a number of core disciplines that comprise the social science division at UTM, including management, political science, geography and urban economics.

We consulted extensively with potential faculty as well as corresponding Chairs/ Program Directors who will be available to teach in this program. Please see the list of teaching faculty from the University provided in Table 4 below. The full CV's of all the faculty listed are included in Appendix H. We also have worked closely with the financial planning officer at UTM to develop the fiscal model for the program and ensure its viability.

The program will require three new faculty hires to provide the full complement necessary to teach the curriculum: the program director plus two additional faculty members. In addition, UTM has a current search underway (i.e. 2017-2018 academic year) for a faculty member in the Institute of Communication, Culture, Information, and Technology (Data Analytics and the City) who will contribute 0.5 FCE to the MUI program. This new hire will begin on July 1, 2018, one year prior to the program launching. It is expected that the Program Director will be hired at the Associate or Full Professor level and the two additional hires will be at the Associate level, assuming that a sufficient number of highly qualified candidates apply. It is expected that once the program starts up, the faculty hires described above will be in the tenure stream

at the University of Toronto and will be cross appointed to the related departments in the program, specifically Economics, Geography, or Political Science and their teaching responsibilities will be shared between the home departments at the undergraduate level and the new MUI program at the graduate level. The appointments will be made 51% in their home departments and 49% in IMI as is the case with new faculty hires in other IMI programs.

For the Director of the program, the relevant disciplinary fields will be Political Science, Urban Studies or Economic Geography. The Director will need to have the skills to teach the following courses: the core course which focuses on how knowledge generation, learning and proximity interact to support the process of urban innovation and the role that economic governance plays in supporting that process as well as a course on the theory, practice and policy of socially sustainable cities. Experience in managing a teaching program in urban innovation or experience running a large research or policy-related urban network will be an asset for the Director's position. UTM will launch the search for this faculty hire in July 2018 with a start date of July 1, 2019.

The second hire will be for a position with urban financial and economics expertise in the fields of planning, management, economic geography or economics. The new hire will need to have an established research program and proven publication record in the area of development or municipal finance and economic development planning and/or labour market planning for urban economies. S/he will need to be able to teach required courses in the program in development finance, including the best practice application of program tools, policies and models in financing economic development, as well as the skills to teach the course in economic development planning, including knowledge of the best analytical approaches to understanding regional and community economic development and the policy tools to implement those approaches. The search for this position will be done in conjunction with the Director search (i.e. to commence in July 2018 with a July 1, 2019 start date).

The third hire will be a position in Political Science or Urban Studies and will be expected to demonstrate an established research program and proven track record of research in urban development policy, urban public management, urban political economy and/or regional economic development. The new hire will be expected to teach core courses in the MUI including Urban Politics, Planning and Governing the Metropolis and Planning for Jobs. A *comparative* and *inter-disciplinary* approach to the politics of urban development, and expertise in collaborative, multi-stakeholder governance for community capacity building and complex urban problem-solving will be a distinctive asset for this position as will a record of community engagement, applied professional experience, and previous teaching in a professional degree program. The search for this final hire will begin in July 2019 with a July 1, 2020 start date.

The number of new FTE's (3) required to mount this program was determined based on a careful analysis of both the existing faculty resources at UTM available to teach in the program, the number of new courses that would need to be offered at the graduate level to achieve the curricular objectives of the program and the financial resources that would be available based on the proposed tuition levels and the proposed size of the program. Part of the challenge in mounting new graduate programs at UTM arises from the fact that most faculty members at UTM currently do their graduate teaching on the St. George campus. Wherever possible, we have included courses offered by current UTM faculty as part of the elective courses available in the second year of the program.

Appendix H provides full CVs for faculty who have currently expressed an interest in contributing to the MUI program.

**Table 5: Faculty Complement (please list alphabetically)**

<b>Name</b>	<b>Unit of Primary Budgetary Appointment</b>	<b>Unit of other Budgetary Appt &amp; % (if applicable)</b>	<b>Graduate Faculty Membership Status (e.g., Associate/ Full)</b>	<b>Commitment to other programs (please list other programs in which the person routinely teaches/ supervises)</b>	<b>Nature of contribution to this program</b> <i>Course Instructor (CI), Course Coordinator (CC); Capstone Project Supervisor (CPS).</i>
<b>Tenure Stream Full</b>					
Ronald N. BULIUNG	Geography, UTM		Full Member, Graduate Dept of Geography and Planning	Geography Programs (MA, MSc, PhD)  Planning Programs (MScPI, PhD)	Course Instructor; Capstone Project Supervisor
Richard FLORIDA	Rotman		Full Member, Graduate School of Management and Rotman		Course Instructor
Mark S. FOX	Mechanical & Industrial Engineering		Full Member, Mechanical & Industrial Engineering	Mechanical & Industrial Engineering Programs (MAsc, MEng, PhD)	Course Instructor; Capstone Project Supervisor
Jason HACKWORTH	Geography & Planning		Full Member, Graduate Dept of Geography &	Geography Programs (MA,	Course Instructor; Capstone Project

<b>Name</b>	<b>Unit of Primary Budgetary Appointment</b>	<b>Unit of other Budgetary Appt &amp; % (if applicable)</b>	<b>Graduate Faculty Membership Status (e.g., Associate/ Full)</b>	<b>Commitment to other programs (please list other programs in which the person routinely teaches / supervises)</b>	<b>Nature of contribution to this program</b> <i>Course Instructor (CI), Course Coordinator (CC); Capstone Project Supervisor (CPS).</i>
			Planning	MSc, PhD)  Planning Programs (MScPI, PhD)	Supervisor
John R. MIRON	Human Geography, UTSC		Full Member, Graduate Dept of Geography and Planning	Geography Programs (MA, MSc, PhD)  Planning Programs (MScPI, PhD)	Course Instructor; Capstone Project Supervisor
David A. WOLFE	Political Science, UTM		Full Member, Political Science	Master of Public Policy Program  Master of Global Affairs Program	Course Instructor; Course Coordinator (internship); Capstone Project Supervisor
<b>Tenure Stream Associate</b>					
Shiri M. BREZNITZ	Munk School of Global Affairs		Associate Member, Global Affairs	Master of Global Affairs Program	Course Instructor; Capstone Project Supervisor
Pierre DESROCHERS	Geography, UTM	Institute for Management & Innovation, UTM (49%)	Full Member, Graduate Dept of Geography and Planning	Master of Science in Sustainability Management Program	Course Instructor; Capstone Project Supervisor
Richard J. DIFRANCESCO	Geography & Planning		Full Member, Graduate Dept of Geography and Planning	Geography Programs (MA, MSc, PhD)  Planning Programs (MScPI, PhD)	Course Instructor; Capstone Project Supervisor
Matti SIEMIATYCKI	Geography & Planning		Full Member, Graduate Dept of Geography and Planning	Geography Programs (MA, MSc, PhD)  Planning Programs (MScPI, PhD)	Course Instructor; Capstone Project Supervisor

<b>Name</b>	<b>Unit of Primary Budgetary Appointment</b>	<b>Unit of other Budgetary Appt &amp; % (if applicable)</b>	<b>Graduate Faculty Membership Status (e.g., Associate/ Full)</b>	<b>Commitment to other programs (please list other programs in which the person routinely teaches / supervises)</b>	<b>Nature of contribution to this program</b> <i>Course Instructor (CI), Course Coordinator (CC); Capstone Project Supervisor (CPS).</i>
Robert Alan WALKS	Geography, UTM		Full Member, Graduate Dept of Geography and Planning	Geography Programs (MA, MSc, PhD) Planning Programs (MScPI, PhD)	Course Instructor; Capstone Project Supervisor
<b>Tenure Stream Assistant</b>					
Susannah BUNCE	Geography, UTSC		Full Member, Graduate Dept of Geography and Planning	Geography Programs (MA, MSc, PhD) Planning Programs (MScPI, PhD)	Course Instructor; Capstone Project Supervisor
Gabriel EIDELMAN	School of Public Policy & Governance			Master of Public Policy Program	Course Instructor; Capstone Project Supervisor
Theresa ENRIGHT	Political Science, St. George		Associate Member, Political Science	Political Science Programs (MA, PhD)	Course Instructor; Capstone Project Supervisor
Ruben GAETANI	Management, UTM	Institute for Management & Innovation, UTM (49%)		Master of Management of Innovation	Course Instructor; Capstone Project Supervisor
Sarah HUGHES	Political Science, UTM		Associate Member, Political Science	Political Science Programs (MA, PhD)	Course Instructor; Capstone Project Supervisor
Darius ORNSTON	Munk School of Global Affairs		Associate Member, Global Affairs	Master of Global Affairs Program	Course Instructor; Capstone Project Supervisor
Michel SERAFINELLI	Economics, UTM		Associate Member, Economics	Economics Programs (MA, PhD)	Course Instructor; Capstone Project Supervisor
<b>Teaching Stream Associate</b>					

Name	Unit of Primary Budgetary Appointment	Unit of other Budgetary Appt & % (if applicable)	Graduate Faculty Membership Status (e.g., Associate/ Full)	Commitment to other programs (please list other programs in which the person routinely teaches / supervises)	Nature of contribution to this program <i>Course Instructor (CI), Course Coordinator (CC); Capstone Project Supervisor (CPS).</i>
Shauna BRAIL	Munk School of Global Affairs		Associate Member, Geography		Course Instructor
<b>Others</b> (please specify – i.e., Adjunct, status only, clinical faculty, visiting or other as per U of T definitions)					
Patricia O’CAMPO, Status Only	Dalla Lana School of Public Health		Full Member, Public Health Sciences		Course Instructor; Capstone Project Supervisor

## 13.2 Learning Resources

Please see the following Appendices:

Appendix D: Library Statement confirming the adequacy of library holdings and support for student learning.

Appendix E: Student Services Statement outline support services available to students.

## 13.3 Financial Support for Graduate Students

UTM is committed to attracting and supporting the most academically qualified students in Canada to this program. While there is no guaranteed funding for professional master’s students, a portion of the budget has been set aside for MUI entrance scholarships that will be awarded to top scholars and to fund need-based bursaries at a similar level to other professional graduate programs based at IMI. Many of the number of the qualified undergraduate students we spoke to indicated that it is appropriate to provide need-based financial aid to students in both years of the program. As such, UTM will work to ensure that the MUI program is added to the roster of professional masters’ programs whose students qualify for need-based resources through the Scotiabank Student Line of Credit.

We anticipate that many students will be paid during their summer internship. Some of these opportunities are with companies or organizations that typically offer paid internships to students. As noted earlier, students will be greatly assisted by a dedicated placement officer to

secure internships. MUI students will qualify for both OGS and SSHRC scholarships.

### **13.4 Space/Infrastructure**

Although IMI is near capacity for classroom space, we anticipate that with efficient scheduling across its graduate programs we will be able to accommodate the MUI teaching requirements within IMI's existing space. Additional space requirements are expected to be minimal for the elective courses (at both UTM and the St. George campus) that are offered by other programs and divisions. Given the breadth of elective options (students are choosing only a select number of courses within one of three areas of focus), it has been agreed upon that the potential increase in enrolment of any given course each year will not be significant and will be able to be accommodated within the current space/ classroom arrangements.

The Innovation Complex has capacity to house the program administrative staff. Faculty members, including program directors, are not normally allocated offices in the Complex if they are provided with an office in their home UTM department. It is assumed that this will be the case for the MUI Director. Faculty will be housed in the department in which their primary appointment is held (or, if that department is temporarily unable to do so, within IMI).

### **14 Quality and Other Indicators**

UTM has a long-standing reputation concerning the creation and delivery of innovative graduate programs such as the Master of Management of Innovation; the Master of Biotechnology; the Master of Management and Professional Accounting program and the Masters of Science in Sustainability Management. In addition, UTM has outstanding undergraduate programs in Political Science, Economics, Geography and Management that include many of the key faculty who will teach in the program. The professors who are interested in participating in teaching and supervising students in the MUI are well qualified to be part of an interdisciplinary program that combines management science, economic geography and urban economics and urban politics, public policy and governance. Furthermore, both the tradition and commitment to excellence in teaching and research, as well as the interest and inclusion of important partners from the public, private and not-for-profit sectors who have expressed a strong interest in the future of economic development strategy and policy, bodes well for its successful implementation

The MUI program will be offered by a combination of tenured/tenure-stream faculty on the UTM and other campuses, as well as by a number of economic development professionals working in this field in the GTA, some of whom have considerable experience teaching related



courses in other programs at the University. UTM is committed to hiring practices that will continue to diversify the make-up of our faculty to better reflect the remarkable diversity of our student body. It is a priority of the newly approved UTM Academic Plan and we have been successful at hiring a range of equity and diversity candidates in the past several years.

UTM’s undergraduate student body is one of the most diverse in Canada. IMI and UTM are working together to recruit students from a diversity of programs, places and experiences to apply to all of our professional master’s programs through a variety targeted advertising and recruitment approaches. Each program has at least one recruitment specialist who visits a wide array of venues and institutions with the goal of attracting a more diverse group of students to UTM.

Professor David A. Wolfe is the lead proponent for this new program. Through his previous SSHRC funded MCRI projects, Prof. Wolfe has worked with a core team of researchers at the University, many of whom are involved with the MUI program. In addition, through an extensive research program over the past two decades, he has established strong partnership relations with a wide range of public and not-for-profit organizations at all three levels of government in Canada, many of whom have provided endorsements for this program. In addition, the MUI program and its new Director will be able to build on the extensive relationships established by UTM and IMI with municipal governments, community-based organizations, non-profits and industry partners. The proposed three new hires for the program, alongside existing UTM faculty members, will provide additional depth and skills to the teaching staff for the program. The additional complement of both UTM and broader university faculty who have agreed to teach in this program reflect the unparalleled breadth and competence of UofT faculty members in a wide array of courses and areas of specialization as is reflected in the assembled CVs in Appendix H.

## 15 Governance Process:

	Approving Body	Approval Date
Development & Consultation within Unit	Soo Min Toh Director, IMI	November 28, 2017

	IMI Graduate Curriculum Committee	November 28, 2017
<b>Decanal and Provostial Sign-Off</b>	Amrita Daniere Vice-Principal Academic & Dean	June 28, 2017
	Provostial Advisory Group	December 8, 2017
<b>External Review</b>	Site Visit	February 15, 2018
	External Reviewer's Report	February 23, 2018
	Decanal Response	February 28, 2018
	Provostial Response	March 12, 2018
<b>Updated Proposal Sign-Off</b>	IMI Graduate Curriculum Committee	January 29, 2018
	Amrita Daniere, Vice-Principal Academic & Dean	January 29, 2018
<b>Divisional Governance Approval</b>	UTM Academic Affairs Committee	March 28, 2018
<b>Submission to Provost's Office</b>	AP&P	April 3, 2018
	Academic Board	April 19, 2018
	Executive Committee of Governing Council	May 8, 2018
<i>Program may begin advertising as long as any material includes the clear statement that "No offer of admissions will be made to the program pending final approval by the Quality Council and the Ministry of Colleges Training and University (where the latter is required)."</i>		
	Ontario Quality Council	
	MAESD	

# Appendix A: Courses

All courses will be offered at UTM, unless otherwise noted.

## Core Courses

### **MUI 1010H Introduction to Management of Urban Innovation (NEW)**

Urban centres are increasingly an important focal point for industrial innovation and economic development. Globalization, a recognition of the importance of innovation to economic prosperity, the interdependence between knowledge generation, learning, and proximity, and not least, the fragmentation of the innovation process itself, have all helped give rise to new understandings of how urban regions interact with, and support, knowledge-intensive economies. The purpose of this course is to survey the literature on these issues and explore their implications for: the role of strategic management in planning and directing the economic development of city-regions; the role of economic governance in city-regions; and, the relationships that urban centres have with upper-levels of government.

### **MUI 1020H Civic Engagement and Economic Development (NEW)**

This course provides an overview and critical analysis of core constructs used to understand the role of civic engagement in economic and community development. Beginning with theoretical constructs, policy contexts, and spatial dimensions of community and economic development, we examine the challenges and prospects for meeting both local economic growth and social equity objectives at the local and regional scale. Shifting to the *process* of engaging the community and broader civic organizations, we examine the methods, strategies and tactics involved, focusing on planning, implementation and management activities. We conclude with an examination of the way new methods of civic engagement are contributing to community and economic development *practice* and the various approaches and programs offering 'on the ground' prospects for integrating community and economic development goals. The primary objective of this course is to encourage students to understand the relationship between the *theory, process* and actual *practice* of community and economic development and to identify key themes, cross-cutting challenges, and opportunities for innovation.

### **MUI 1030H Urban and Regional Economic Development Theory (NEW)**

This course will introduce students to the field of urban and regional economic development theory. Course material will introduce students to the analysis of spatial economic processes at various geographic scales and explain how broader economic processes, including international trade and investment, financial flows, the impact of industrial structures and the ongoing

processes of economic restructuring on a global scale, exert an impact on the trajectories of local economic development. The course will introduce students to current debates in economic development, their policy implications and how they are applied to issues of urban and regional growth and decline. It will also examine how the emergence of new problems in economic development, such as globalization, outsourcing, the rise of the “new competition” and the need for regions and localities to prosper in the global economy that is vastly more integrated today than in the past. A theoretical and conceptual introduction to these processes will help students understand important differences in how communities are shaped and constrained by these broader forces in developing and implementing economic development strategies and what these differences might imply for long-term policy reach and impact.

### **MUI 1040H Socially Sustainable Cities: Theory, Policy, and Practice (NEW)**

This course explores theories, policies, and institutions related to the social sustainability of cities. Socially sustainable cities integrate urban residents and diverse groups in a just and equitable fashion through investments in community services, educational and employment opportunities, and income supports. In recent decades, the forces of economic globalization, international migration, and labour market restructuring have intensified urban social and spatial divisions, raising complex public management challenges in sustaining equitable and democratic cities. Drawing on inter-disciplinary literature to build an urban political economy framework, the course begins with consideration of the theoretical linkages between the economic and social dimensions of city life. It then examines a range of social sustainability strategies, both national and local, to balance innovation and inclusion. Topics include collaborative governance, community economic development, neighbourhood revitalization, affordable housing and public transit, immigrant settlement, workforce development, and civic engagement and urban social movements. The course concludes with assessment of the organizational challenges and community impacts of different strategies and interventions for social sustainability.

### **MUI 1050H Urban Politics (NEW)**

The purpose of this course is to explore how various local actors formulate solutions to urban problems. It examines how the patterns of interaction between state and non-state actors shape the political process at the city-region level. It will introduce students to key theories in urban politics and draw from comparative empirical studies to examine how these theories are applied differently across different local and national settings. The course will begin with an examination of the role of cities in the global economy and explores how urban politics are shaped by the broader political and economic forces of globalization (Part I). Theories of urban governance address the core question of who governs in cities and how. The course examines various theories of urban politics, and the patterns of conflict and cooperation between local

political actors, such as municipal politicians, bureaucrats, the business community, and social groups (Part II).

### **MUI 1060H Local and Regional Government: Management and Policymaking (NEW)**

This course examines the structure of local and regional government, how local government is managed, and how policy decisions are made at both the municipal and regional levels of government. Drawing upon theories and research findings in public administration, the course examines administrative approaches, issues and debates arising in local and regional governments. The course introduces students to municipal institutions and policymaking — in essence, to who does what in local government. Students will learn how to apply theories and concepts from the public policy literature to Canadian local governments. Using case studies, students will learn how to determine the main factors that cause different kinds of local public policy outcomes in different circumstances. The course examines current issues and problems in local and regional government using examples from Toronto, Mississauga and other Canadian cities.

### **MUI 1070H Development Finance (NEW)**

Students will be introduced to a thorough understanding of development finance and best practice application of program tools, policies and models in an economic development framework. Specifically, students will: 1) acquire and practice through numerous exercises and case studies, the basic analytical skills necessary to finance: a) firms in various stages of the life-cycle, b) commercial real estate projects, and c) certain related community amenities and public infrastructure; 2) gain familiarity with various programs and policies, past and present, whose purpose is to expand capital availability for economic development activities primarily through the private sector (includes a basic understanding of capital markets); and 3) learn about the wide range of institutional models for delivery of development finance, including venture capital, community development financial institutions, revolving loan funds.

### **MUI 1080H Economic Development Planning (NEW)**

This course is meant to provide students with the skills to understand and apply a variety of analytic approaches for regional and community economic development planning. These techniques are used in professional practice to yield information about the behaviour and performance of local economies and to measure the impact of public policy interventions. With an emphasis on the use of case-study examples, the course will provide students with a solid understanding of the range of policy interventions that are used by economic development practitioners; the context and rationale for selection between economic development policy

alternatives; and the suitability of policy alternatives at the spatial scale of the city and the region. By the end of the course, students should be able to select techniques appropriate to particular situations and information needs, conduct analyses using these methods, critically evaluate the validity of the analytic results obtained, and interpret and clearly explain the results to policy makers.

### **MMI 1090H Technology, Strategy & Policy**

This course concerns the formulation of business strategy and the management of business enterprises in rapidly evolving, technology-intensive industries. Examples of such industries include (but are not restricted to) pharmaceuticals, computer hardware and software, aerospace, and telecommunications. These sectors are considered by many to be the principal areas for economic growth in industrialized countries. The primary goal of this course is to develop the participants' understanding of the nature of the forces driving competitive interaction between technology-based firms. The course will examine the logic (or lack thereof) of the policies which shape the environment in which technology intensive industries must compete. Also, we consider the managerial and organizational challenges presented by the technology intensive environment.

### **MUI 1100H Summer Internship/Coop Placement (NEW)**

Students will be placed with one of the numerous partner organizations for their summer internship. In addition to the experience gained in working on initiatives related to topics in the core program of study, students will be required to produce a brief policy report at the end of the internship that analyzes one of the key policy issues or problems they worked on during their placement in terms of the key theoretical approaches and analytical techniques taught in the core curriculum of the first year.

### **MUI 2095H Capstone Course (NEW)**

All students in the program will complete a capstone course in their second year that will draw upon the academic background and training provided in both their core and elective courses, as well as the practical experience gained through their summer internship to analyze a key problem or challenge in economic development and provide both the analytical and governance components of an integrated solution to the problem. The class will be divided into groups of two or three students and each group will work on the project under the supervision of faculty mentor(s). The focus of the projects will be on demonstrating integration, application, and innovation skills to address challenges in managing the process of urban development.

## Elective Courses

### Phase 1 Areas of Focus: Urban Innovation: Analysis and Policy

#### **MUI 2010H Sectoral Analysis (NEW)**

Industries, sectors, and clusters are a major component of regional and urban economic analysis as well as a key element of economic development strategies. For example, one need only examine the reports from public and private agencies or review the flow of request for proposals by public agencies and non-profit organizations that ask for, or include, sectoral analyses and policy strategies designed to target particular industries. Not coincidentally, much of urban and regional research that seeks to account for the strengths and dynamics of regions brings to bear theories about industrial development, sectoral dynamics, and the roles of particular industries.

This course will provide a foundation for students in the methodological skills as well as substantive issues that may become a basis for economic development or industrial planning, and for project implementation. The seminar has four objectives that are methodological, substantive, and theoretical: 1) to introduce and apply the various methods and procedures of sectoral investigation as applied to regions, industries, companies, and their labor forces; and 2) to investigate the characteristics and trends of particular industry sub-sectors in the specific case of the GTHA, resulting in an industry profile that can serve as an aid to planning and shaping the economic development of communities and the region.

#### **MUI 2020H Microeconomics of Competitiveness (Harvard Business School – Institute for CS Strategy & Competitiveness course) (NEW)**

Developed by Professor Michael Porter and the staff and affiliates of the Institute for Strategy and Competitiveness at Harvard Business School, this Microeconomics of Competitiveness (MOC) course on competition and economic development addresses the subject from a bottom-up, microeconomic perspective. While sound macroeconomic factors affect the potential for competitiveness, wealth is actually created at the microeconomic level. The MOC course focuses on the sources of national or regional productivity, which are rooted in the strategies and operating practices of locally based firms, the vitality of clusters, and the quality of the business environment in which competition takes place.

#### **MUI 2030H Planning for Jobs: Labour Market Transformations and Employment in 21st Century Cities (NEW)**

The course will start with an overview of recent writings that look at transformative forces related to international trade, corporate restructuring, new skill demands and the implications for labour market performance. It examines how these forces are experienced differently across industries and across socio-economic groups, as well as some of the institutional factors that help to explain widening wage and income disparities in Canada and the U.S. The second half of the course focuses on some of the policy and planning implications of these transformative forces and specifically the role that local practitioners and policy makers can play in addressing sources of socio-economic disparity. Four areas of policy will be considered, including: efforts to link competitiveness-enhancing retraining and industrial/sectoral upgrading initiatives; the creation of innovative new partnerships between employers and labor market intermediaries, such as staffing agencies, labor unions and non-profits; strategies that connect smart-growth and social equity goals; and finally, new forms of labor and community organizing designed to improve workplace justice (e.g., community benefits and living wage movements).

### **POL 2394HH Innovation and Knowledge Flows in City-Regions (FAS)**

This course surveys two of the key themes related to the process of innovation in a knowledge-based economy: the process by which new knowledge is generated and effectively transferred to those organizations with the potential to commercialize it; and secondly, the paradoxical relationship between knowledge creation and proximity in a modern global economy. Increasingly the global economy is seen as a knowledge-based one, hence the critical importance of understanding how new knowledge is generated and deployed in the form of new products and processes. At the same time, the more global the economy becomes, the greater the value of proximity, hence the fascination with how to foster the growth of new regional concentrations of knowledge and innovation, such as Silicon Valley. This course surveys the state of current knowledge about both these processes and explores the implications of this understanding for public policies designed to stimulate knowledge transfer and promote the growth of dynamic and innovative city-regions.

### **GLA 2018H Innovation and the City (Munk)**

This is a course about innovative cities. After briefly discussing why innovative activity concentrates in cities and the diverse forms it assumes, we debate how municipalities can promote growth. In doing so, it not only reviews the literature on innovation policy, but also covers new approaches to urban governance. The course concludes by applying insights to Toronto, debating national policy implications and discussing cities in the developing world.

### **MUI 2050H The Economics of Cities and Regions: Productivity, Technology and Jobs (NEW)**

Despite all the talk about the “death of distance”, geography matters more than ever. Regional differences within many countries have increased in the past decades, and where a person lives



today has a very large impact on many aspects of his or her life. This course is a journey through the current economic landscape. We will explore places that are growing and places that are declining. For instance, we will discover why the labor market in New York and Boston has been so much better than the one in Detroit and Cleveland in the past 35 years. The course will investigate the industrial districts of Italy and study how knowledge diffuses among firms located near each other, and the implications for local productivity and innovation. We will study how British and Canadian local labor markets are affected by the fact that certain industries and occupations are dying. We will travel to Africa and discuss the extent to which investment from Asia serves to catalyze economic development in Ethiopia's regional economies. In doing so, we will try to understand the economic forces driving trends in wages, productivity and innovation across cities and regions. These are the forces that will define the geography of future jobs and will shape the economic destiny of local communities around the world.

### **JPG 1607H Geography of Competition (FAS)**

In a market economy, how do firms come to be at the places where they produce, distribute, or sell their goods or services? How, when, and why does competition among firms as well as the impact of firm sitting on the sitting of their suppliers and customers, lead to localization (clustering) of firms in geographic space, the growth of some places (e.g., some cities or districts), and the decline of others? Such questions are central to an area of scholarship known as competitive location theory. A spatial (regional) economy incorporates "shipping costs" which include costs related to search, freight, insurance and brokerage, storage, installation and removal, warranty and service, and arbitrage profit. As a result, the effective or delivered price of a firm's products or inputs, inclusive of shipping costs, may well vary locally. This course focuses on how, as a result of competition, location and clustering shape and are shaped by local prices.

### **RSM 2132H Prosperity and Competitiveness**

Regional development is undergoing a revolution. It used to be thought that for regions and nations to grow all that was required was to influence business location decisions. Communities that attracted businesses grew and those that did not, declined. The state of the art was to try and lure companies with tax or other business incentives. Those days are over. Today we know that in order to grow, communities and regions need to do much more. This course will provide the student with a background in traditional economic development thinking and delve into both theory and practice in understanding economic development in today's "supply-side" Creative Economy. The course will rely on a combination of lecture, discussion, group exercises, simulations, and lab sessions. The course is structured around technology (including traditional economic development) issues, the importance of regional talent, the role of tolerance and diversity, and authentic regional amenities and territory assets. Students will demonstrate

understanding and proficiency of the topics presented by completing an in-depth analysis and developing recommendations for a selected community and through a final examination.

## **Phase 1 Areas of Focus: Urban Sustainability and Infrastructure**

### **JMG 2020H Big Data and Global Cities**

As urban populations grow, global cities need to provide basic services (e.g. water, sanitation, public safety, transit) and address the negative externalities associated with rapid growth (e.g. pollution and congestion). And, ultimately, they need to find the fiscal resources to pay for the services. This course will set out a basic political economy framework to understand the problems faced by global cities and show how Big Data can be used to help solve those problems. The course will provide an introduction to the concepts that underlie Big Data – open, unified, linked and grounded data – as well as data analytics (statistics, pattern recognition, and machine learning). Students will work with data to address specific urban problems in global cities.

### **MUI 2040H Real Estate Development (NEW)**

This course provides students with an examination of real estate development from the entrepreneurial and public perspectives. It emphasizes risk management and the inherent uncertainties of development. The four dimensions of real estate are addressed: economic/market, legal/institutional, physical and financial.

### **MUI 2055H Cities Industry and the Environment (NEW)**

This reading seminar is devoted to the study of the environmental impacts of (mostly urban) industrialization and to past, current and potentially new ways of analyzing and addressing them. The topics discussed range from the history of deforestation and the creation of recycling linkages between firms to the role of institutions in promoting innovative behavior and the impact of geographical distance on the sustainability of industrial practices. Unlike many seminars discussing the relationship between economic growth and the environment, the perspective favored in "Cities, Industry and the Environment" will be generally optimistic.

### **SSM 1080H Strategies for Sustainability Management (IMI)**

This course will present new theories and principles designed to address sustainability as a strategic principle of corporations and non-profit organizations. Starting from a foundation

which involves exploring the fundamentals of strategic management, how to analyze organizations and strategies, and the strategies that organizations adopt and why they succeed or fail, students will learn to recognize the threats and opportunities posed by the demands for sustainability and develop strategies to remain competitive socially and environmentally responsible, and sustainable. The course covers corporate strategy, organizational strategy, marketing strategy, strategic governance, creating value through sustainability practices, and organizational learning, innovation, and sustainability.

### **JPG 1558H Transportation: Historical and Geographic Perspectives (FAS)**

Transportation of goods, people, and information is an integral aspect of everyday life, but what of the origin of the various modes of transportation? How did the systems that we use and plan today, and their constituent technologies come to be? Annually, this course will involve an exploration of the history and geography of a particular mode of transportation. Using lectures, seminars, student papers and presentations, and occasionally fieldwork, the key people and places, technologies associated with the development of the modes of transport will be examined. The ebb and flow of demand for the modes of transport (e.g., biking, walking, public transit, the car) through time and across space will be discussed, as will costs and benefits. Adopting an historical and geographical lens, we will also consider the uneven way in which transport modes seem to fall into and out of favour, locally, nationally, and globally.

### **GGR 1610H Geography of Finance and Financial Crisis (FAS)**

This course seeks to understand the world of financial flows, intermediaries, and instruments, and how these may be related to the uneven geography of mortgage foreclosures, real estate inflation and deflation, bank bailouts, and government austerity programs. The course begins by exploring the history and geography of financial crises, including both the current crisis and the great depression, to consider the different theories of financial crisis emanating from disparate political-economic-geographical perspectives, as well as the divergent policy implications that flow from such theories. It moves to examine the workings of international finance, and the literature on the geography of financialization and the globalization of finance. The course then explores the localized effects of the geography of finance, from the cultural politics of homeownership, to the geography of sub-prime lending and foreclosures, deepening unemployment in European cities, micro-credit in developing nations, and the geography of credit card debt, bankruptcies and defaults.

### **PLA 1801H Urban Infrastructure Planning (FAS)**

Infrastructure is the term that describes the transportation systems, sewers, pipes, and power lines that provide urban dwellers with necessary public services. In recent years, billions of dollars of public money have been spent upgrading existing infrastructure, and planning and

delivering new facilities. Infrastructure has many impacts on the way that people in cities live. The way that infrastructure systems are planned, financed, and distributed impact on environmental sustainability, job creation, social equity, economic development, and urban livability. Moreover, infrastructure has the potential to both serve existing populations, and shape the way that future communities are built.

## **Phase 2 Area of Focus: Urban Politics and Governance**

### **MUI 2060H Comparative Urban Politics (NEW)**

For the first time in human history, most people live in cities. Local and regional governments deal with many core issues that affect our daily lives, ranging from economic development and land use planning, to public housing and homelessness, immigrant settlement, and public transit. Yet non-governmental actors such as organized business interests and community-based organizations also actively participate in urban politics and policymaking processes. This course examines the political process at the city-region level, exploring patterns of conflict and collaboration among governmental and community-based actors attempting to formulate solutions to complex 21<sup>st</sup> century urban problems. Using an urban political economy lens that draws attention to how globalization shapes urban fortunes, we examine questions of local political agency, framing out key local government structures and processes as well as major policy issues facing cities in North America and Europe. In particular, we focus on the prospects for policy innovation that integrates urban economic growth, social inclusion and environmental sustainability.

### **MUI 2070H Planning and Governing the Metropolis (NEW)**

The metropolitan area — also called the urban region or city-region — is now the dominant form of human settlement. The question of how urban regions should be governed, and of how to plan their future growth, has been hotly debated for over a century with no resolution. This course provides an overview of these issues. It begins with a discussion of what we mean by “region,” why the regional scale (as distinct from the national, provincial, or local) is understood to be useful and necessary, and how we should think about governance and policymaking at the regional scale. It then surveys the historical evolution and contemporary relevance of six leading perspectives on regional planning and governance. The course concludes by looking at the prospects for regionalism, with a focus on the Greater Toronto and Hamilton Area (GTHA).

### **MUI 2080H Intelligent Communities/Smart Cities (NEW)**

This course provides an overview of strategies that make up a ‘smart city’ and ‘intelligent community’ – approaches to local development that integrate digital infrastructure and information and communication technologies with urban planning processes. Students will study the importance of governance forms, human capital, and equity considerations that are integral to their success. Additional key aspects include analyzing real-time data to better manage resources and congestion, forming partnerships between government, industry and universities to promote digital innovation and economic growth, and strengthening access to broadband technologies to improve the quality of life and public engagement of citizens.

### **MUI 2090H Public Finance in Canadian Cities (NEW)**

This course examines Canadian local public finance in comparative perspective — where revenue comes from and how it is spent — and discusses the implications of municipal finance for urban public policy, planning, and the provision of municipal services. The first half of the course provides a comprehensive introduction to major concepts in local public finance for students interested in urban politics, public policy, and urban development, as well as the politics of municipal budgeting and intergovernmental fiscal relations. The second half of the course builds on the first by focusing on how public finance influences the shape of urban and suburban development.

### **JPG 1512H Place, Politics and the Urban (FAS)**

The course examines the relationship between urban geography, planning and politics. In particular, it seeks to interrogate the theoretical importance of place, space and urban form in the production of political and social values, practices, strategies, and discourses, and in turn, analyze the implications of the place-politics nexus for understanding shifts in the direction and form of urban policy, governance, identity and citizenship. The course begins with a broad examination of the theoretical bases for linking place and politics, particularly as this relates to the construction of urban and non-urban places, with literature drawn from a number of sources, including geography, urban studies, political science, and planning theory. The course then examines a number of specific cases: including the politics of automobility, gentrification as a political practice, to the politics of community and neighbourhood aesthetics, the politics of homelessness and anti-panhandling legislation, the politics of planning, suburbanization, and municipal amalgamation that inform and challenge our understanding of the relationship between place and political praxis.



# Appendix B: Graduate Calendar Copy (Proposed)

## Management of Urban Innovation

### Master of Urban Innovation (MUI)

#### Overview:

The Master of Urban Innovation (MUI) is a full-time, professional program that will encompass studies in urban economic development, community capacity building, innovation management, local and regional governance, urban sustainability and real estate development for innovation. It will be offered at UTM and will complement the suite of programs in management, innovation and sustainability currently offered in IMI and will build on the strengths of other key UTM academic units, including the Departments of Geography, Economics and Political Science, and the Institute of Communication, Culture, Information and Technology (ICCIT). The objective of the MUI program is to respond to the growing job opportunities that exist for professionals trained in the fields of urban economic development and innovation through a cross-disciplinary approach. Upon graduation, MUI students will have acquired the analytical tools to enable them to produce effective economic development policies and plans, including a detailed knowledge of strategic management techniques, the role of real estate markets in local economic development, and critical tools for financial analysis.

#### Minimum Admission Requirements:

Applicants are accepted under the general regulations of the School of Graduate Studies. In addition, applicants must meet the following requirements:

- An appropriate bachelor's degree from a recognized university in social sciences, management/commerce, or a related field such as architecture or civil engineering, with a standing equivalent to at least a mid-B in the final year of the program;
- Successful completion of 0.5 full-course equivalent (FCE) in an undergraduate statistics course;
- Letter of intent;
- Three (3) letters of reference; and
- A writing sample.

#### Program Requirements:

Successful completion of 9.5 core FCEs consisting of:

- 4.5 FCE from other core courses (MUI1010H, MUI1020H, MUI1030H, MUI1040H, MUI1050H, MUI1060H, MUI1070H, MUI1080H, MUI1090H)
- 0.5 FCE summer internship (MUI1100H)
- 0.5 FCE capstone group project (MUI2095H)
- 4.0 FCE electives chosen from the course lists below. It is recommended that a min. 2.0 FCE be completed from one of the three groupings. The remaining 2.0 FCE can come from any of the course groupings.

Normal Program Length: 6 sessions full-time (typical registration sequence: F/W/S/F/W/S)

Time Limit: 3 years (full-time)

**Course List:**

**Required Courses (5.5 full credits)**

- MUI 1010H Introduction to Management of Urban Innovation
- MUI 1020H Civic Engagement and Economic Development
- MUI 1030H Urban and Regional Economic Development Theory
- MUI 1040H Socially Sustainable Cities: Theory, Policy, and Practice
- MUI 1050H Urban Politics
- MUI 1060H Local and Regional Government: Management and Policymaking
- MUI 1070H Development Finance
- MUI 1080H Economic Development Planning
- MMI 1090H Technology, Strategy & Policy
- MUI 1100H Summer Internship
- MUI 2095H Capstone Course

**Elective Courses (4.0 full credits)**

Urban Innovation: Analysis and Policy

- MUI 2010H Sectoral Analysis
- MUI 2020H Microeconomics of Competitiveness (HBS-ICS Course)
- MUI 2030H Planning for Jobs: Labour Market Transformations and Employment in 21st Century Cities
- POL 2394H Innovation and Knowledge Transfers in City Regions
- GLA 2018H Innovation and the City
- MUI 2050H The Economics of Cities and Regions: Productivity, Technology and Jobs
- JPG 1607H Geography of Competition
- RSM 2132H Prosperity and Competitiveness

Urban Sustainability and Infrastructure

- JMG 2020H Big Data and Global Cities
- MUI 2040H Real Estate Development



MUI 2055H Cities, Industry and the Environment  
SSM 1080H Strategies for Sustainability Management  
JPG 1558H Transportation: Historical and Geographic Perspectives  
GGR 1610 Geography of Finance and Financial Crisis  
PLA 1801H Urban Infrastructure Planning

Urban Politics and Governance

MUI 2060H Comparative Urban Politics  
MUI 2070H Planning and Governing the Metropolis  
MUI 2080H Intelligent Communities/Smart Cities  
MUI 2090H Public Finance in Canadian Cities  
JPG 1512H Place, Politics and the Urban

## Appendix C: Review of Comparator Programs

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
University of Toronto  Geography & Planning	Master of Science in Planning (MScPl)- Geography & Planning  <a href="http://www.geog.utoronto.ca/graduate/planning/mscpl">http://www.geog.utoronto.ca/graduate/planning/mscpl</a>	The Planning Program offers a <b>fully accredited Master's degree</b> to suit the needs of students intending to work as planners or pursue doctoral studies in planning or related fields. The structure of this curriculum consists of a required set of Core Courses and a broad range of elective courses covering five areas of Specialization in Planning:  <ul style="list-style-type: none"> <li>•Urban Planning and Development</li> <li>•Social Planning and Policy</li> <li>•Economic Planning and Policy</li> <li>•Environmental Planning</li> <li>•Urban Design</li> </ul>	<ul style="list-style-type: none"> <li>- Size: 30</li> <li>- Length: Full time students complete in two academic years (4 semesters)</li> <li>- Tuition for 2017-18: for a Canadian citizen or landed immigrant - \$12,200.14 per year (including \$1,530.14 incidental fees)</li> </ul>	<p>The Planning curriculum consists of 16 half-courses (8 credits, that is, .5 credits per one-semester half-course), which full time students complete within two academic years (four semesters) by taking four-half courses per semester, along with a Summer Internship between the two years. The Program also admits part-time students, who are expected to fulfill all requirements for the degree within 6 years of first enrolment.</p> <p>Out of the 16 half-courses (8 credits), the Core Curriculum accounts for 7 half-courses (5 half-courses and one full-course, the Current Issues Paper), that is, 3.5 credits-as explained below. <b>The specialization in Planning requires a further 5 half-courses</b> (4 half courses and one full course, an advanced studio, in the case of Urban Design) or 2.5 credits. These requirements leave students with space</p>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
				<p>for free electives-4 half-courses or 2 credits-that may be taken.</p> <p>The <b>planning internship</b> is an essential and integral part of the Planning program. Professional work experience in a Canadian planning environment is a valuable part of a student's education. Students will normally be expected to obtain this experience between the first and second year of the Program</p>
<p>University of Toronto</p> <p>Rotman School of Management</p>	<p>MBA - Sustainability area</p> <p><a href="http://www.rotman.utoronto.ca/Degrees/MastersPrograms/MBAPrograms/Majors/Sustainability">http://www.rotman.utoronto.ca/Degrees/MastersPrograms/MBAPrograms/Majors/Sustainability</a></p>	<p>The major is a response to the widespread concern with the pressing challenges facing humanity and the planet, including social inequity and environmental issues. It is <b>designed for those who wish to combine their business knowledge with a solid understanding of the interlinked economic, social and ecological factors involved in achieving sustainability.</b></p> <p>The sustainability major is for</p>	<ul style="list-style-type: none"> <li>- The Full-Time MBA Program has approximately 350 spaces for the September 2016 start.</li> <li>- The Rotman Full-Time MBA is a two-year program.</li> <li>- Tuition for 2017-18: Canadian Citizens &amp; Permanent</li> </ul>	<p><b>Careers in Sustainability and Corporate Social Responsibility (CSR)</b> - This major develops the skills required to be effective leader and strategist across a wide range of organizations in the social enterprise, environmental, health, charitable, government, cultural and not-for-profit sectors. Roles in sustainability and CSR are increasingly found in the private sector, and in established industries such as finance and consulting.</p> <p><b>Distinctive Feature:</b> The Rotman Full-Time MBA Program provides a unique opportunity for students to integrate and apply management knowledge gained within the program through a 4-month</p>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
		<p>MBA students interested in:</p> <ul style="list-style-type: none"> <li>• <b>Environmental, social and governance issues in business</b></li> <li>• Corporate <b>social responsibility</b> or corporate citizenship strategy and programs</li> <li>• Social entrepreneurship or <b>social innovation</b></li> </ul>	<p>Residents - \$51,545.14 per year (incl. incidental fees)</p>	<p>internship. Students are required to complete the course “Applied Management: Placement” in conjunction with a work placement which may be done in the Summer, Fall or Winter terms. Depending on their academic area of concentration/major and career objectives, students will be guided on the best work term option to secure a placement with an employer.</p>
<p>University of Toronto,  School of Public Policy and Governance</p>	<p>Master of Public Policy (MPP)  <a href="http://publicpolicy.utoronto.ca/programs/master-of-public-policy-program/">http://publicpolicy.utoronto.ca/programs/master-of-public-policy-program/</a></p>	<p>Our MPP degree allows students to examine the most challenging issues that confront governments at all levels while exploring how decisions and choices are made. From sustainable health care to global warming and energy production, our students learn from and work with top researchers and practitioners in public policy, the community, and government, providing students with a comprehensive educational experience that allows them not only to build an</p>	<p>Length: 2 years  Tuition for 2017-18: \$20,240.14 per year (incl. incidental fees)</p>	<p>SPPG participates in the Environmental Studies (ES) Collaborative Program which is offered through the School of the Environment at the University of Toronto. Graduate students admitted to the MPP program can apply to the collaborative program and pursue coursework and research in environmental areas.</p>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
		<p>extensive network, but also to emerge with a practical understanding of the world of public policy, and the competence to address the challenges that will emerge in the future.</p> <p>Our emphasis on providing a comprehensive education is achieved through our curriculum's inclusion of a public policy internship program that connects students with positions in the municipal, provincial, and federal governments, as well as with a variety of public, private, and community organizations.</p>		
<p>University of Toronto,  Munk School of Global Affairs</p>	<p>Master of Global Affairs (MGA)  <a href="http://munkschool.utoronto.ca/mga/">http://munkschool.utoronto.ca/mga/</a></p>	<p>The Master of Global Affairs degree positions graduates to accelerate their careers in business, government and NGOs, as these sectors pursue their strategies in an increasingly interconnected and multipolar world.</p>	<p>Length: 2 Years  Tuition for 2017-18: \$23,830.14 per year (incl. incidental fees)</p>	<p>Collaborative Environmental Studies Program:  Students enrolled in Environmental Studies are required to satisfy the degree requirements of both the disciplinary department and the collaborative program.</p>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
<p>Ryerson University</p> <p>Yeates School of Graduate Studies</p>	<p>Master of Planning in Urban Development (MPI)</p> <p><a href="http://www.ryerson.ca/surp/current/graduate/index.html">http://www.ryerson.ca/surp/current/graduate/index.html</a></p>	<p>The program offers a <b>Master of Planning (M.PI.)</b> with a focus on urban development concentrating on design approaches for contemporary metropolitan regions, preparing students to understand current global and local dynamics. From this understanding, the program will ground students in emerging approaches to effectively respond to new planning challenges arising out of rapidly growing urban populations, complex demands from culturally diverse groups and deteriorating environmental and ecological conditions, coupled with constrained local government resources.</p> <p>Within this context, the program offers a new holistic process for addressing the design and development in</p>	<ul style="list-style-type: none"> <li>- Size: Goal is to enrol about 35 students each year. This means that they hope to have about 70 students at any one time.</li> <li>- Length: There are two streams: two-year regular stream and a one-year accelerated stream.</li> <li>- Tuition for 2017-18: \$10,869.03 per year</li> </ul>	<p>The program is also unique in its two dimensions which differentiate the program from other Master's degrees offered by various Canadian universities, putting students at the leading edge of contemporary urban design and planning:</p> <ul style="list-style-type: none"> <li>• The domain of urban development - defined as the restructuring, regeneration and revitalization of the existing metropolitan areas - a contemporary concern of accommodating growth in already built-up areas and avoiding further sprawl</li> <li>• An innovative integration of 'culture' and 'nature' - a combined multicultural and ecological framework facilitating sustainable urban development.</li> </ul> <p>Students with an educational background in planning or design and a significant number of years of relevant professional experience in planning are expected to complete the program within 12 months (three terms) as full-time students. <b>Non-</b></p>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
		<p>contemporary cities and regions. It combines an examination and analysis of economic, socio- cultural, political, ecological and spatial elements in refitting urban areas with attention to urban culture and nature - through addressing explicitly the principles of inclusivity and sustainability in designing for development.</p> <p>The M.PI. is <b>fully accredited by the Canadian Institute of Planners and the Ontario Professional Planners Institute</b></p>		<p><b>planning students will take five terms to finish the degree requirements.</b></p> <p>Thus, there are two streams: two-year regular stream and a one-year accelerated stream</p>
<p>University of Waterloo, School of Environment, Enterprise and Development</p>	<p>Master of Economic Development and Innovation (MEDI)</p> <p><a href="https://uwaterloo.ca/school-environment-enterprise-development/graduate-">https://uwaterloo.ca/school-environment-enterprise-development/graduate-</a></p>	<p>Established in 1987, the Master of Economic Development and Innovation (MEDI) at the University of Waterloo is one of the only graduate programs in Canada that focuses exclusively on economic development.</p>	<p>Length: 1 yr</p> <p>Tuition for 2017-18: \$2949.28 per term (incl. incidental fees)</p>	

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
	<a href="#">programs/master-economic-development-and-innovation</a>			
University of Alberta  Graduate Program	Master's Program in Urban and Regional Planning  <a href="http://cms.eas.ualberta.ca/planning/graduate-studies/proposed-masters-program/">http://cms.eas.ualberta.ca/planning/graduate-studies/proposed-masters-program/</a>	<p>Course-based graduate degree program in planning.</p> <ul style="list-style-type: none"> <li>• An emphasis on land use planning and policy development to enhance community resilience to economic, social, and environmental challenges</li> <li>• Program designed in line with professional accreditation standards</li> <li>• 2 year and 1 year streams</li> </ul>	<p>Length: 2 years</p> <p>Tuition (2017-18)</p> <p>- Domestic tuition is \$1,300 for each *3 course plus non-instructional fees (ie. Semester 1 = \$6500, Semester 2 = \$5900, Semester 3 = \$5200, Semester 4 = \$4600)</p> <p>- International tuition is \$1,560 for each *3 course plus non-instructional fees (ie. Semester 1 =</p>	<p><b>Two Streams:</b></p> <ul style="list-style-type: none"> <li>• Two Year Regular Stream: Four-year undergraduate degree from a recognized University; Minimum B average on last 60 credits</li> <li>• One Year Accelerated Stream: Undergraduate degree in planning and two or more calendar years professional experience in Planning, or Case by case assessment of other combinations of experience and degrees</li> </ul>



Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
			\$7500, Semester 2 = \$6950, Semester 3 = \$6000, Semester 4 = \$5400)	
University of Calgary  Faculty of Environmental Design	Master of Planning  <a href="http://evds.ucalgary.ca/content/master-planning-mplan">http://evds.ucalgary.ca/content/master-planning-mplan</a>	Our Master of Planning program is a distinctly different design- and studio-based program. This studio emphasis means that students are engaged with real-world problems, with real clients, often helping to directly shape the built environment. Studio-based learning is applied learning -- synthesizing the skills and knowledge gained throughout the program to address complex problems at a variety of scales and emphasizing a design approach.  With regard to Sustainability: Building on the strong tradition of EVDS in ecological design and environmental science, environmental sustainability is a core principle that runs	- Size: Not available - Length: Expected to complete the degree requirements in 2 academic years (4 semesters) - Tuition for 2017-18: Canadian or Permanent Resident: \$714.78 per half course, plus general fees (approx. \$729.72 per term). Degree requires the completion of	The MPlan program is fully accredited by the Professional Standards Board, Canadian Institute of Planners and the Alberta Professional Planners Institute.

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
		throughout the MPlan program and is a lens through which planning problems are viewed and solutions are crafted.	at least 17 half course equivalents.	
University of British Columbia  Faculty of Applied Science: School of Community and Regional Planning	Two:  Master of Community and Regional Planning (MCRP)  <a href="http://www.scarp.ubc.ca/masters/mcrp-program-requirements">http://www.scarp.ubc.ca/masters/mcrp-program-requirements</a>  Master of Arts/Science in Planning (MAP/MSCP)  <a href="http://www.scarp.ubc.ca/mapmscp-program-requirements-">http://www.scarp.ubc.ca/mapmscp-program-requirements-</a>	The MCRP is a professional degree in Planning. It is an innovative and flexible program that anticipates and responds to rapidly changing urban, regional, and global environments.	MCRP  - Size: N/A - Length: Two years - Tuition in 2017-18: Canadian: \$9,762.99 per academic year  MAP/MSCP  - Size: N/A - Length: The program generally takes 24-36 months to complete. - Tuition for 2017-18: Canadian: students who	The MCRP also includes <b>two concentrations</b> with separate concentration credits: The Indigenous Community Planning Concentration and the <b>Urban Design Concentration</b> .  Students taking that concentration in Urban Design Concentration, take courses in Theory and Methods of Urban Design, Urban Design: Introduction to Physical & Land Use Planning, Urban Design: Introductory Urban Design Studio, Urban Design: Intermediate Urban Design Studio.

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
	<a href="#">current-students</a>		are currently enrolled in the MAP/MScP program currently pay \$4,801.80 (for Canadian students)	
University of Alberta  Alberta School of Business	MBA - Specialization in Sustainability  <a href="https://business.uAlberta.ca/programs/the-alberta-mba/sustainability">https://business.uAlberta.ca/programs/the-alberta-mba/sustainability</a>	Businesses today are facing an increasing obligation to look beyond the traditional financial bottom line. Increasingly, stakeholders are challenging enterprises to deliver a <b>positive impact on the community</b> . The sustainability stream of the Alberta MBA looks at how business can deliver a social impact, <b>operate in an environmental sensitive manner and build communities</b> .	<ul style="list-style-type: none"> <li>- There are approximately 80 students accepted each year in the full-time program.</li> <li>- The Alberta MBA is a 16-20 month full-time program.</li> <li>- Tuition &amp; MBA Program Fees for 2017-18 (Domestic Students): \$27,776.00 per year</li> </ul>	<p>In addition to required courses in Corporate Sustainability and Ethics, Corporate Social Responsibility and Communications the Sustainability stream offers courses in:</p> <ul style="list-style-type: none"> <li>- Accounting for Natural Resources, Energy &amp; Environment</li> <li>- Natural Resource and Environmental Law</li> <li>- Environmental Management</li> <li>- Sustainability and Responsible Marketing</li> <li>- Managing Not-for-Profit Organizations</li> <li>- Social Entrepreneurship</li> <li>- Clean Technology</li> <li>- Managing Arts Organizations</li> </ul>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
Université Laval  Faculty of Business Administration	MBA – Specialization in Urban and Property Management  <a href="http://english.fsa.ulaval.ca/cms/site/fba/page40197.html">http://english.fsa.ulaval.ca/cms/site/fba/page40197.html</a>	Designed to address the concerns of today’s managers, these programs give you a foundation in management science as well as a distinctive competence linked with particular strategic issues.	*Not much information provided on the English site	
University of Manitoba  Faculty of Graduate Studies	Master of City Planning  <a href="http://umanitoba.ca/faculties/graduate_studies/admissions/programs/city_planning.html">http://umanitoba.ca/faculties/graduate_studies/admissions/programs/city_planning.html</a>	Not much information on their website.	- Size: N/A - Length: Two years - Tuition for 2017-18: Canadian: \$5099.54 per year (incl. incidental fees)	Not much information on their website.  The City Planning program at the University of Manitoba is a recognised accredited program (2015-2019), which has met the standards of the Canadian Institute of Planners (CIP).
McGill University  School of Urban	Master of Urban Planning  <a href="http://www.mcgill.ca/urbanplanning/">http://www.mcgill.ca/urbanplanning/</a>	The objective of the School is to produce qualified professional urban planners for the public and the private sectors and to equip them with the necessary intellectual and practical skills in this respect. Upon completion	- Size: An average of 250 people apply for admission each year; a maximum of 25 people	The M.U.P. degree comprises a total of 66 credits completed over a two-year period. Students must register for at least four terms during which they attend and earn satisfactory grades (i.e., a minimum of B-) in structured courses. With a faculty advisor, students create their own

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
Planning	<a href="#">programs/mup-core-program</a>	<p>of the two-year program of studies, graduates are expected to have acquired basic planning skills, a broad understanding of urban issues and specialized knowledge in a field of their own choice. We also <b>offer a</b> formal specialisation in Transportation Planning.</p> <p>McGill's M.U.P. degree has been recognised and accredited by the CIP and is also recognized by the AIP. It is also fully recognized by the Ordre des urbanistes du Québec (OUQ)</p>	<p>eventually make up the entering class</p> <ul style="list-style-type: none"> <li>- Length: Two year period</li> <li>- Tuition for 2017-18: Non-Quebec Canadian tuition - \$4832.11 per term</li> </ul>	<p>program of study and specialise in an area matching their personal background and professional goals. Central to the educational experience is group work in a studio setting, in which students collaborate in multidisciplinary teams to solve 'real-life' problems in the Montréal metropolitan region.</p> <p><b>A three-month internship</b> must be completed under the supervision of a member of a recognised planning association in a field of specialisation and geographic location chosen by the student; this is normally done between the first and second year of study</p>
Cornell University	<p>Master of Regional Planning</p> <p><a href="https://aap.cornell.edu/academics/crp/graduate/planning/mrp">https://aap.cornell.edu/academics/crp/graduate/planning/mrp</a></p>	<p>The Master of Regional Planning (M.R.P.) core curriculum provides each student with a foundation in planning and spatial theory, economics, and the tools of planning analysis — both qualitative and quantitative. The core devotes particular</p>	<p>Length of Program: 2 years</p> <p>Tuition: \$50, 953 USD</p>	<p>Concentrations:</p> <p>Economic Development Planning: Communities and Regions</p> <p>International Studies in Planning</p> <p>Land Use and Environmental Planning</p>

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
		consideration to voice, participation, and politics. It includes subjects in law and international institutions, as well as workshops that test theory in practice.		Co-op internships available
The University of North Carolina at Chapel Hill  Department of City & Regional Planning	Master of City and Regional Planning (MCRP)  <a href="https://planning.unc.edu/admissions/mcrpgrprogram">https://planning.unc.edu/admissions/mcrpgrprogram</a>	The program of instruction in city and regional planning reflects the breadth of the faculty's academic and research backgrounds with about fifty formal courses offered by the department each year. Master's and doctoral students pursue specializations in community development, economic development, environmental planning, land use planning and design, and transportation planning.	Tuition in 2016-17: \$14,408.58 USD for out of state; \$5,803.08 USD for in state  Length: 2 years	In addition to the core curriculum, taken during the first year in residence, the department offers four specializations associated with professional planning practice in: economic development, housing & community development, land use and environmental planning, and transportation planning. Sustainable development is the overarching concept for these specializations. Each emphasizes equity, environmental quality, economic viability, and social participation and grapples with the interconnections among these dimensions of sustainability.  The Department of Environmental Sciences and Engineering in the Gillings School of Global Public Health has partnered with the Department of City and Regional Planning to offer a three-year dual degree program leading to an M.S. in

Institute	Program	Description	Size of Program, Length of Program, Tuition	Additional Information
				Environmental Sciences and Engineering and an MCRP.

# Appendix D: Library Statement



## University of Toronto Libraries Report for the Master of Urban Innovation, UTM, 2017

**Context:** The University of Toronto Library (UTL) system is the largest academic library in Canada and is currently ranked 4th among academic research libraries in North America, behind Harvard, Yale and Columbia.<sup>19</sup> The UTL has an annual acquisition budget of \$31 million. Its research and special collections comprise over 12 million print volumes, 5.6 million microforms, over 17,000 journal subscriptions, and rich collections of manuscripts, films, and cartographic materials. The system provides access to more than 1.9 million electronic books, journals, and primary source materials.<sup>20</sup> Numerous, wide-ranging collections, facilities and staff expertise reflect the breadth of research and instructional programs at the University, and attract unique donations of books and manuscripts from around the world, which in turn draw scholars for research and graduate work.

Major North American Research Libraries <sup>21</sup>					
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
ARL RANK	UNIVERSITY	UNIVERSITY	UNIVERSITY	UNIVERSITY	UNIVERSITY
1	Harvard	Harvard	Harvard	Harvard	Harvard
2	Yale	Yale	Yale	Yale	Yale
3	<b>Toronto (3rd)</b>	<b>Toronto (3<sup>rd</sup>)</b>	<b>Toronto (3<sup>rd</sup>)</b>	<b>Toronto (3<sup>rd</sup>)</b>	<b>Columbia</b>
4	<b>Michigan</b>	Columbia	Columbia	Columbia	<b>Toronto (4<sup>th</sup>)</b>
5	Columbia	Michigan	Michigan	Michigan	Michigan

Top 5 Canadian Universities in the ARL Ranking of Major North American Research Libraries					
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
	RANK/ UNIVERSITY	RANK/UNIVERSITY	RANK/UNIVERSITY	RANK/UNIVERSITY	RANK/UNIVERSITY
	<b>3/Toronto</b>	<b>3/Toronto</b>	<b>3/Toronto</b>	<b>3/Toronto</b>	<b>4/Toronto</b>
	11/Alberta	10/British Columbia	18/Alberta	22/British Columbia	27/Alberta
	16/British Columbia	15/Alberta	24/British Columbia	26/Alberta	31/British Columbia
	32/Montreal	18/McGill	30/McGill	35/McGill	43/McGill
	38/McGill	32/Montreal	35/Montreal	36/Montreal	49/Calgary

**Space and Access Services:** The UTL's 44 libraries are divided into four administrative groups: Central, Departmental/local, Campus (UTM & UTSC) and Federated and Affiliated College Libraries. The UTL provides a variety of individual and group study spaces for students. Study space and computer facilities are available twenty-four hours, five days per week at one location, Robarts Library, with additional extended hours during study and exam periods at both UTSC and UTM. Web-based services and electronic materials are accessible at all times from campus or remote locations.



The Li Koon Chun Finance Learning Centre in the Innovation Complex at UTM features approximately 40 state-of-the-art computers, and provides access to specialized resources such as 3 Bloomberg terminals, 38 FactSet terminals and 32 Capital IQ terminals.

**Instruction & Research Support:** Libraries play an important role in the linking of teaching and research in the University. To this end, information literacy instruction is offered to assist in meeting graduate degree level expectations in the ability to gather, evaluate and interpret information. These services are aligned with the Association of College and Research Libraries (ACRL) Framework for Information Literacy for Higher Education.<sup>22</sup> Academic support specialists in the Robert Gillespie Academic Skills Centre (RGASC), which is located in the UTM Library, provide additional services to students.

**Program Specific Instruction:** Instruction is provided by the IMI Liaison Librarian at UTM and will occur at a variety of levels for students in the Master of Urban Innovation (MUI) program. The Library can facilitate formal instruction integrated into the class schedule and hands-on tutorials related to course assignments in key courses and streams. The Library, through its liaison librarians, also customizes feeds of library resources which appear prominently in Portal/Blackboard course pages, for example, the research guide in Sustainability Management (<http://guides.library.utoronto.ca/MScSM>). This level of service would continue in courses for the Master of Urban Innovation.

**Collections:** Many college and campus libraries collect materials which support the MUI program, with significant collections located at the UTM Library, the Robarts Library, the Rotman Business Information Centre, and online. Collections are purchased in all formats to meet the variety of preferences and styles of current students and faculty. The University of Toronto Library is committed to collecting both print and electronic materials in support of the Master in the MUI at the University of Toronto.

**Journals:** The Master in the MUI program is multidisciplinary in nature. Top journals in areas such as management, geography, urban studies, economics and sociology are currently accessible through the University of Toronto Library System, mostly in electronic format. To support the program, the liaison librarian would consult with program faculty to ensure that the University of Toronto Library subscribes to the most important journals in the field.

**Monographs:** The University of Toronto Library maintains comprehensive book approval plans with 53 book dealers and vendors worldwide. These plans ensure that the Library receives academic monographs from publishers all over the world in an efficient manner. These approval plans have provided UTL with strong collections in subject areas important to the Master in the MUI program. In addition to these plans, librarians select unique and interesting scholarly material overlooked by standard approval plans. These selections include individual eBooks and eBook packages and special requests from faculty. In this way, the Library continues to acquire more than 120,000 book titles per year. eBooks are received from important scholarly publishers such as Cambridge and Oxford University Presses, Springer, and most U.S. and Canadian university presses.

**Preservation, Digitization, and Open Access:** The University of Toronto Library supports open access to scholarly communication through its institutional research repository (known as T-Space), its open journal services, and subscriptions to open access publications. The Library, in cooperation with the Internet Archive, has digitized its monograph holdings published before 1923. These books are available without charge to anyone with access to the Internet through the Scholar's Portal e-Book platform.

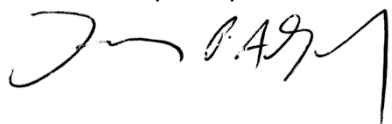
**Key Databases:** *Business Source Premier, ABI/Inform, Econlit, Sociological Abstracts, Web of Science and Scopus.*

**Special Collection Highlight:** *Simply Map*, available to all students and faculty at U of T, is a web-based mapping and data analysis application. *ERSI Business Analyst*, another mapping system, combines demographic, lifestyle and spending data.

**Current Gaps:** Current collection gaps include: Real estate and venture capital data. We will be focusing on these areas as we build our collections in order to address these gaps.

Prepared by: Shelley Hawrychuk and Helen Kula, UTM Librarians, July 2016. Updated May 1 2017 by: Rita Vine, Head, Faculty & Student Engagement.

Submitted by: Larry Alford, Chief Librarian, University of Toronto Libraries, May 11, 2017

A handwritten signature in black ink, appearing to read "Larry Alford". The signature is stylized and cursive, with a long vertical stroke at the end.

# Appendix E: Student Services Statement

## Student Service Information for Quality Assurance Framework – UTM

All University of Toronto undergraduate and graduate students have access to student services on all three campuses, Mississauga, St. George (downtown Toronto), and Scarborough, regardless of their 'home campus'. The services and co-curricular educational opportunities provide a complement to the formal curriculum by engaging and challenging students to reach their full potential as learners, leaders and citizens. At the University of Toronto Mississauga these services are organized by Student Affairs & Services, the Registrar's Office, the Academic division and its departments, and the School of Graduate Studies, these services support the success of our students from the time they are admitted through degree completion and beyond.

**Academic advising** at UTM links students with content experts. The Registrar's Office School of Graduate Studies helps new and graduating undergraduate students understand program and degree requirements, and provides specialized support to students at academic risk and those seeking special academic consideration due to unusual circumstances. Services are delivered one-on-one, through small group advising sessions, and in workshops. Individual academic departments at the undergraduate and graduate levels focus on individual academic advising with students in their particular areas of study.

**Career development** is primarily offered by the UTM Career Centre, with service areas including career counselling and work search support. Services are delivered in a variety of modes, including one-on-one advising and counselling, workshops, on-line tools and large-scale employment and service events. UTM also supports internships, externships, job shadowing, volunteer registries and recognition, and other career development opportunities through a broad range of academic departments and other services' offices.

**Disability-related accommodations** are facilitated by UTM's AccessAbility Resource Centre, which works to match qualified students to appropriate sources for academic accommodation of physical, sensory, learning and mental health disabilities.

**Student housing** is available through 1,500 on-campus residence rooms under the Student Housing and Residence Life department. Housing options include traditional dormitories, suites/apartments, and townhouses, with distinct communities and programming for new undergraduates, upper-years undergraduates, graduate and professional students, and students with families. Support for off-campus housing is provided through partnerships with an external housing registry, the City of Mississauga, and the St. George campus Student Housing Office.

**Learning skills development** is a primary focus of the Robert Gillespie Academic Skills Centre, which offers workshops, seminars and individual consultations to help students identify and develop skills for success in their studies. The ASC also benefits students by educating instructors and teaching assistants on best practices in teaching and learning.

**International experience** is encouraged through the International Centre. The IC serves students from abroad who benefit from its immigration support, social opportunities and educational programming on transition issues. The centre also supports domestic/Canadian students seeking international experiences through travel and study abroad opportunities.

**Physical and mental health care**, including health promotion initiatives, are provided by the Health & Counselling Centre. This service utilizes a comprehensive range of health professionals, including nurses, physicians, psychiatrists, personal counsellors and social workers, a nutritionist, and health educators. Services include physical exams, first aid, immunizations and allergy injections, pregnancy testing, sexually transmitted infection information and testing, birth control counselling and specialist referrals. A sports medicine clinic is also available on campus.

**Financial aid and awards** are supported through the Office of the Registrar, assisting students with OSAP, UTAPS, scholarships and other sources for financing their education, while assisting them in learning/strengthening budgeting skills.

**Student clubs and activities** are supported through the Student Affairs office for student governments and clubs, and the Office of the Dean and its academic departments for academic societies. Matching funds are offered by the Academic Dean for many activities that encourage individual and small-group interaction between instructors and students. A range of programming is offered by departments across campus, including new student orientation, leadership development, volunteer service, and educational programs, and diversity initiatives in gender, disability, ethnicity, faith, and sexual orientation supported both locally and through UT-wide equity officers.

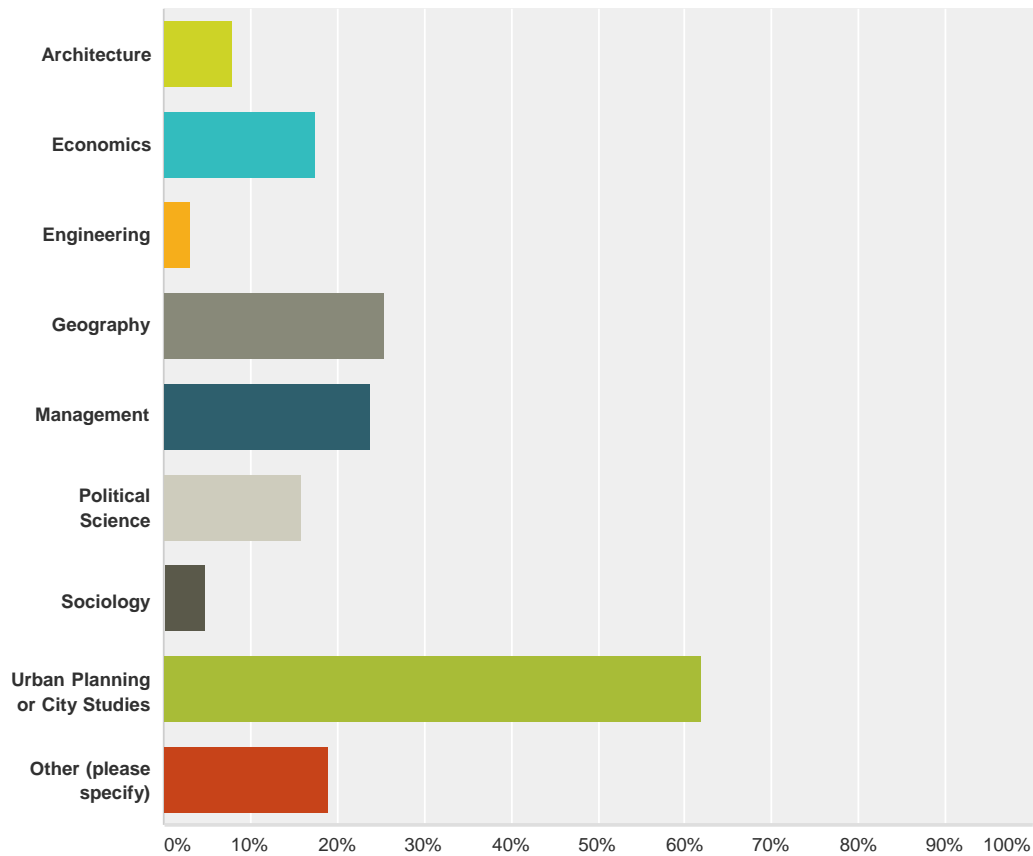
**Physical well-being** is supported by the Department of Physical Education, Athletics & Recreation, offering individual and team-based recreational and sport activities from casual use through high-performance sport.

**Equity issues**, both broad and specific to sexual and gender diversity, ethnicity and culture, disability, family status, and other student identities facing barriers, are supported through a local network of UTM departments and referrals to UT-wide equity officers.

# Appendix F: Student Survey

**Q1 Are any of your degrees in one or more of the following areas, (please select all that apply):**

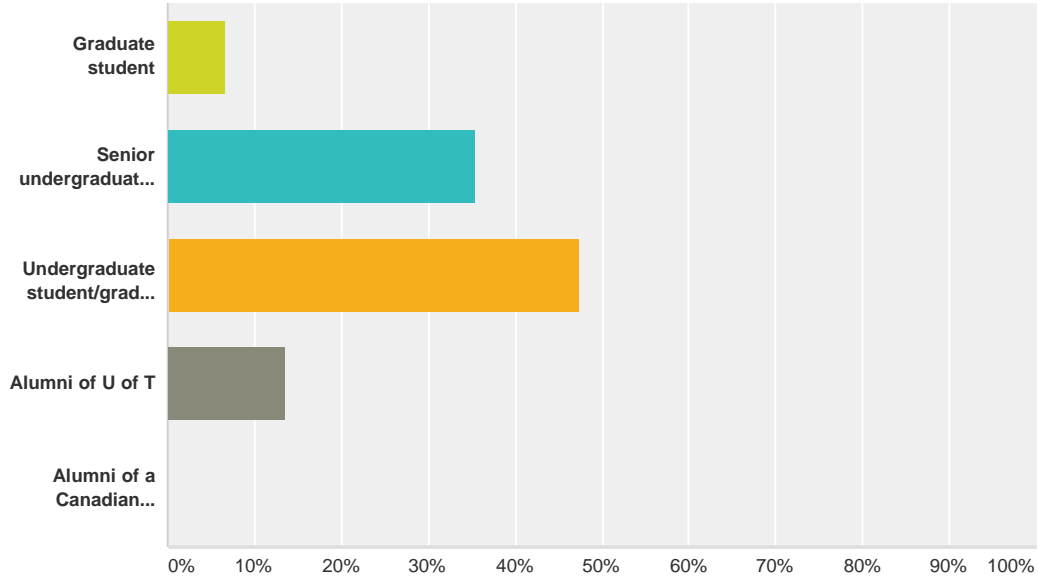
Answered: 63 Skipped: 0



Answer Choices	Responses
Architecture	7.94% 5
Economics	17.46% 11
Engineering	3.17% 2
Geography	25.40% 16
Management	23.81% 15
Political Science	15.87% 10
Sociology	4.76% 3
Urban Planning or City Studies	61.90% 39
Other (please specify)	19.05% 12
<b>Total Respondents: 63</b>	

## Q2 Are you presently a (Please check all that apply).

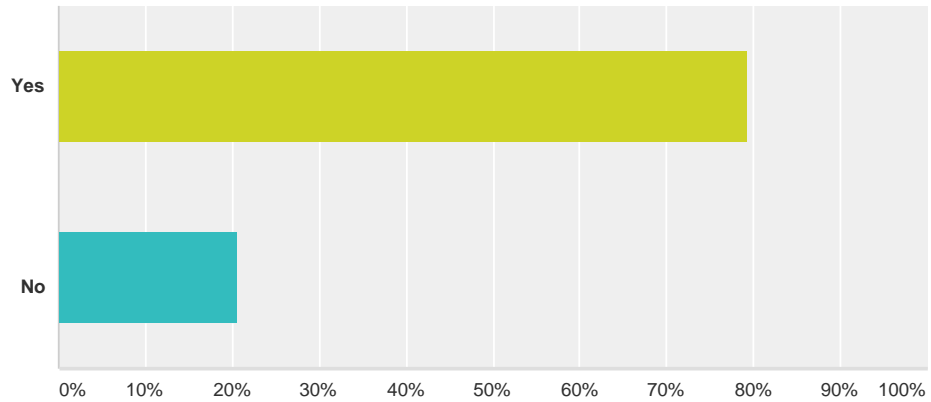
Answered: 59 Skipped: 4



Answer Choices	Responses
Graduate student	6.78% 4
Senior undergraduate student (final year of study)	35.59% 21
Undergraduate student/graduate in medicine	47.46% 28
Alumni of U of T	13.56% 8
Alumni of a Canadian university	0.00% 0
<b>Total Respondents: 59</b>	

### Q3 Have you considered pursuing an advanced degree in a specialized field related to urban or city studies?

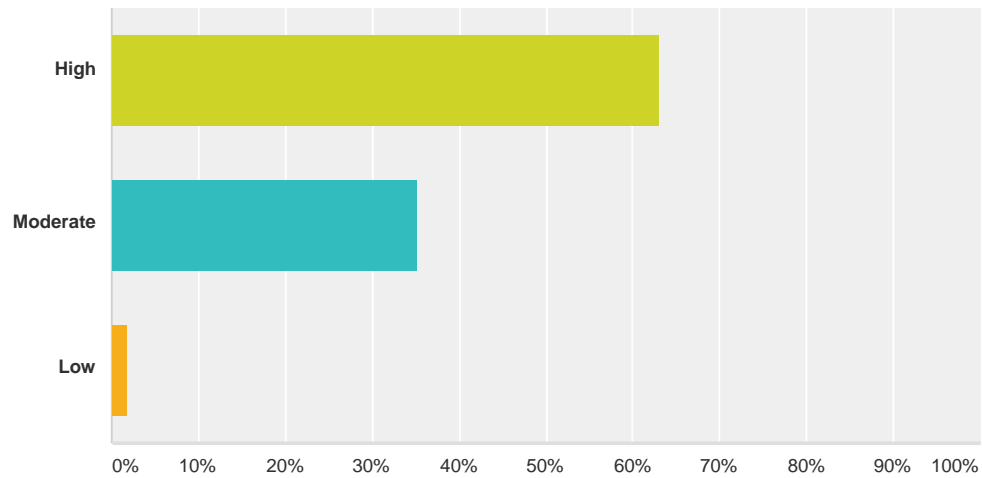
Answered: 63 Skipped: 0



Answer Choices	Responses	
Yes	79.37%	50
No	20.63%	13
<b>Total</b>		<b>63</b>

**Q4 If you answered yes to the previous question, would you be interested in joining a professional 20-month program in managing urban innovation? The program proposes to include a paid 4-month internship as indicated in the overview at the end of this survey. Please rank your level of interest.**

Answered: 54 Skipped: 9

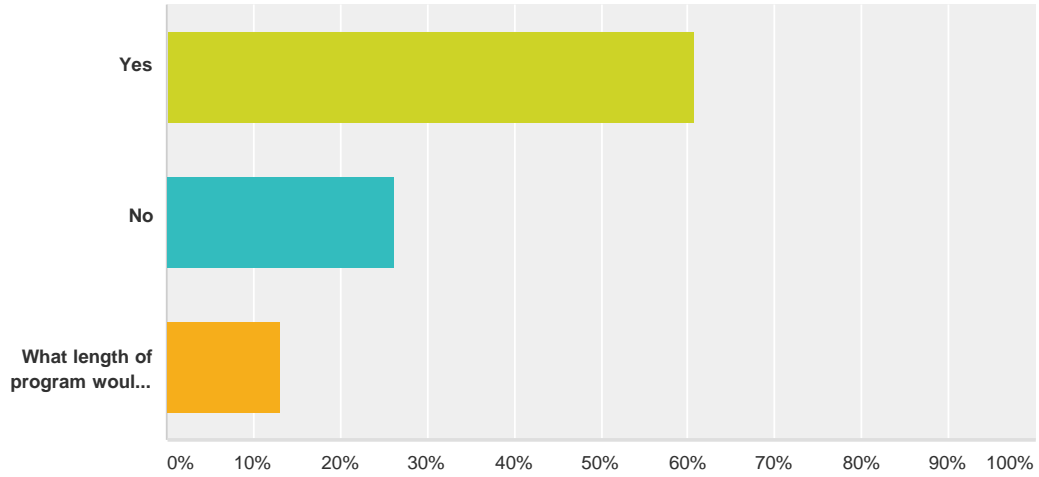


Answer Choices	Responses
High	62.96% 34
Moderate	35.19% 19
Low	1.85% 1
<b>Total</b>	<b>54</b>



### Q5 If the program were offered in a shorter time frame, would that increase your likelihood of participating?

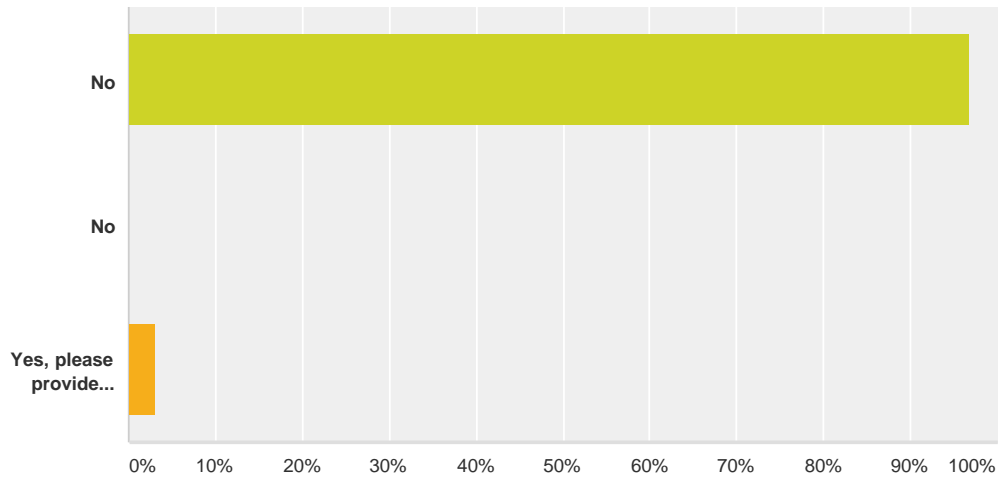
Answered: 61 Skipped: 2



Answer Choices	Responses
Yes	60.66% 37
No	26.23% 16
What length of program would you suggest is most desirable?	13.11% 8
<b>Total</b>	<b>61</b>

**Q6 Industry internships for the program will be available with public sector, private sector and not for profit organizations across the Greater Toronto Area beyond Mississauga. Is this an obstacle to your interest in this program?**

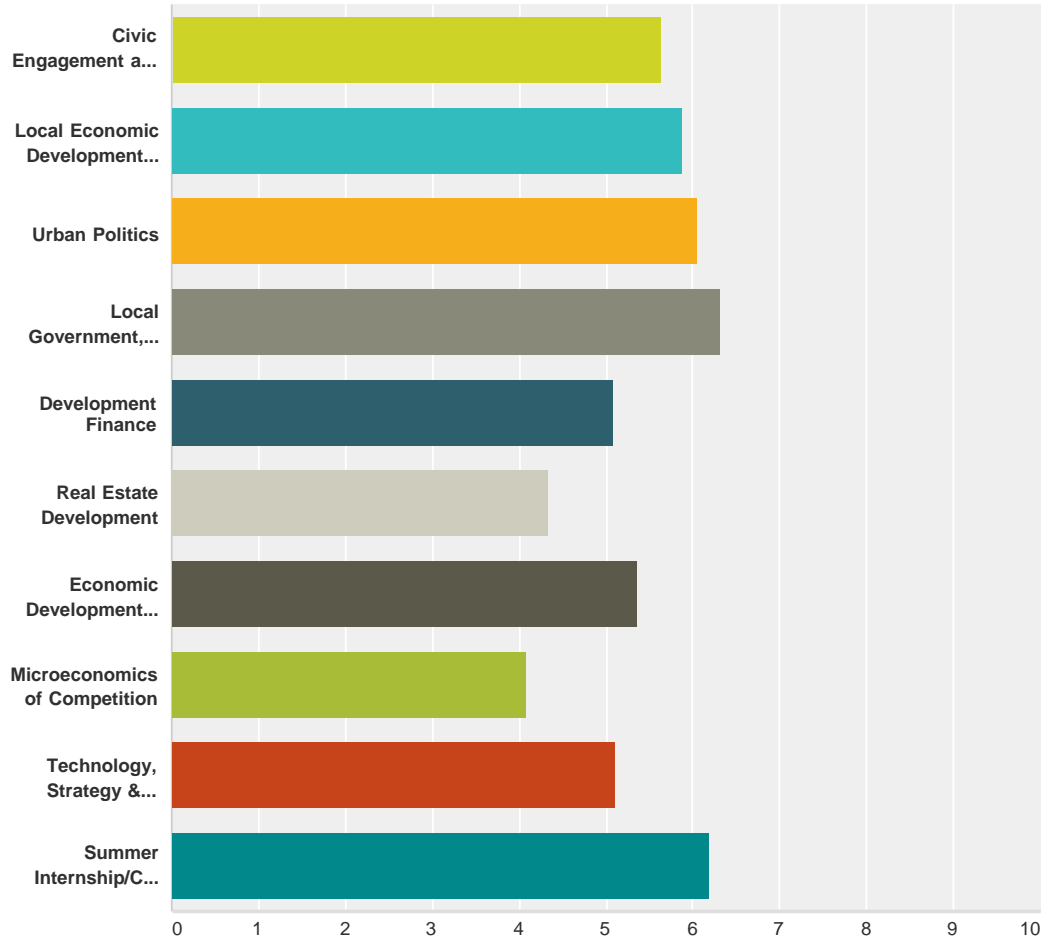
Answered: 62 Skipped: 1



Answer Choices	Responses	Count
No	96.77%	60
No	0.00%	0
Yes, please provide details.	3.23%	2
<b>Total</b>		<b>62</b>

**Q7 Please rank the importance of the following subject areas as you perceive them for incoming graduate students in this field:**

Answered: 63 Skipped: 0



	1	2	3	4	5	6	7	8	9	10	Total	Score
Civic Engagement and Economic Development	7.27% 4	10.91% 6	16.36% 9	14.55% 8	9.09% 5	7.27% 4	3.64% 2	7.27% 4	9.09% 5	14.55% 8	55	5.64
Local Economic Development Policy: Theory and Practice	8.93% 5	3.57% 2	16.07% 9	19.64% 11	10.71% 6	12.50% 7	10.71% 6	3.57% 2	5.36% 3	8.93% 5	56	5.88
Urban Politics	7.69% 4	21.15% 11	11.54% 6	9.62% 5	5.77% 3	9.62% 5	11.54% 6	7.69% 4	11.54% 6	3.85% 2	52	6.06
Local Government, Management, and Policy-making	12.50% 7	17.86% 10	7.14% 4	10.71% 6	16.07% 9	8.93% 5	8.93% 5	7.14% 4	5.36% 3	5.36% 3	56	6.32
Development Finance	3.64% 2	3.64% 2	14.55% 8	10.91% 6	16.36% 9	5.45% 3	9.09% 5	16.36% 9	16.36% 9	3.64% 2	55	5.09

Real Estate Development	<b>1.69%</b> 1	<b>8.47%</b> 5	<b>5.08%</b> 3	<b>8.47%</b> 5	<b>8.47%</b> 5	<b>11.86%</b> 7	<b>6.78%</b> 4	<b>20.34%</b> 12	<b>13.56%</b> 8	<b>15.25%</b> 9	59	4.34
Economic Development Planning	<b>3.57%</b> 2	<b>5.36%</b> 3	<b>8.93%</b> 5	<b>10.71%</b> 6	<b>17.86%</b> 10	<b>12.50%</b> 7	<b>21.43%</b> 12	<b>12.50%</b> 7	<b>5.36%</b> 3	<b>1.79%</b> 1	56	5.36
Microeconomics of Competition	<b>6.56%</b> 4	<b>3.28%</b> 2	<b>3.28%</b> 2	<b>6.56%</b> 4	<b>3.28%</b> 2	<b>18.03%</b> 11	<b>9.84%</b> 6	<b>13.11%</b> 8	<b>18.03%</b> 11	<b>18.03%</b> 11	61	4.10
Technology, Strategy & Policy	<b>4.84%</b> 3	<b>16.13%</b> 10	<b>6.45%</b> 4	<b>6.45%</b> 4	<b>4.84%</b> 3	<b>11.29%</b> 7	<b>17.74%</b> 11	<b>9.68%</b> 6	<b>12.90%</b> 8	<b>9.68%</b> 6	62	5.11
Summer Internship/Coop Placement	<b>34.92%</b> 22	<b>4.76%</b> 3	<b>9.52%</b> 6	<b>1.59%</b> 1	<b>4.76%</b> 3	<b>4.76%</b> 3	<b>6.35%</b> 4	<b>11.11%</b> 7	<b>6.35%</b> 4	<b>15.87%</b> 10	63	6.19

**Q8 We welcome any feedback or comments  
you may have regarding this program.**

Answered: 16 Skipped: 47

**Q9 If you would like to receive updates on this program or be included for a chance to win a \$100 gift card of your choice, please include your email address below.**

Answered: 54 Skipped: 9

## Appendix G: Industry Support

Susan Amring	Director of Economic Development	City of Mississauga
<p><i>“Professionals in Economic Development today must understand and work as an important collaborator in a multi-disciplined team to support the growth and prosperity in our urban centres. Understanding drivers of growth and their support systems now includes such areas as cluster, innovation, talent and infrastructure development. To be effective, economic prosperity and sustainability needs to be the responsibility of many community partners and stakeholders. This requires a different approach to ensure we have innovative and collaborative city-builders in our future. The new Master of [Urban Innovation (MUI)] Program to be offered at the University of Toronto Mississauga (UTM) through the Institution for Management and Innovation (IMI) utilizes a cross-disciplinary approach that will help ensure we have the talent required to address local and regional needs in our changing global economy.”</i></p> <p><b>(Date of Endorsement: November 8<sup>th</sup>, 2016)</b></p>		
Pam Banks	Executive Director	RIC Centre
<p><i>“I believe that graduates of this program will be very valuable to both government and corporate enterprise. The current structure of our ecosystem in many cases blocks innovation adoption. In government, procurement decision makers are guided by very conservative policies. Graduates for the Masters [in Management] in Urban Innovation could be instrumental in guiding management to consider creative pilots and the development of new metrics to evaluate the technology. Early stage companies need to access established sales channels to scale quickly. Provincial, regional and municipal governments should also develop initiatives like the BICP to help companies scale to the marketplace quickly. As well mid-sized corporate enterprises could benefit from these graduates as they could provide guidance and insight on how to adapt and integrate innovation into their business practices.”</i><b>(Date of Endorsement: November 7<sup>th</sup>, 2016)</b></p>		
Michael Darch	President	Consider Canada City Alliance
<p><i>“The suggested program in Urban Innovation recognizes the changing landscape of the global economy. Increasingly, national economies are driven by the dynamics and innovation within city regions. Through the efforts of key individuals like yourself and organizations like the Consider Canada City Alliance (CCCA), Canada is assuming a leadership in this disruptive change. It is essential that the next generation of economic development professional receive the formal education that the program offers and our members across the country would welcome the student internship and employment opportunities that would result.”</i></p> <p><b>(Date of Endorsement: November 24<sup>th</sup>, 2016)</b></p>		

<b>Damian Dupuy</b>	<b>Senior Manager of Strategic Policy</b>	<b>Government of Ontario</b>
<p><i>“The proposed MUI program is emerging at an opportune time. Innovation is a cornerstone of Ontario’s approach to economic development with many policy and program initiatives delivered at the local and regional levels. This proposed program, by exposing students to the latest thinking on local and regional innovation strategy, will ensure that the province’s approach to economic growth continues to evolve with a strong innovation focus. A key feature of the program is the co-op placements for students. These have the potential to enhance the two-way flow of knowledge between students and their hosts resulting in the design and delivery of more effective innovation policies and program.”</i></p> <p><b>(Date of Endorsement: November 9<sup>th</sup>, 2016)</b></p>		
<b>Tony LaMantia</b>	<b>President &amp; CEO</b>	<b>Waterloo Region Economic Development Corporation</b>
<p><i>“The unparalleled pace of disruptive innovation across the globe is impacting economic development practices. There is an urgent need to focus on solutions and capacity building initiatives for the future of our communities. We require talent with the discipline, vision and collaborative spirit to champion these emerging needs. I believe the proposed new Masters program in Managing Urban Innovation can play an important supporting role in helping to hone the skills that tomorrow’s city builders and economic development leaders will need to be successful.”</i></p> <p><b>(Date of Endorsement: November 19<sup>th</sup>, 2016)</b></p>		
<b>Keanin Loomis</b>	<b>President &amp; CEO</b>	<b>Hamilton Chapter of Commerce</b>
<p><i>“The Hamilton Chamber of Commerce fully supports the proposed Master in the Management of Urban Innovation program at the University of Toronto, Mississauga Campus. Our Chamber works in a collaborative manner with a growing network of stakeholders to help develop the community infrastructure — soft and hard — required to flourish in an increasingly interconnected, knowledge-based economy. We recognize the need to access a new generation of urban innovators that will enable our community to embrace more holistic approaches to 21<sup>st</sup> century city-building in areas ranging from citizen engagement and regional governance to economic development and unlocking the full potency of city-university partnerships. It is reassuring to know that U of T, thanks to the efforts of Dr. David Wolfe and others, is keen to take a leadership role in the education of highly qualified city-builders who possess real-world competencies to help tackle the complex challenges of urban innovation in a modern world. We look forward to calling on this expertise as we advance our work in making Hamilton a city of choice measured by jobs, talent, innovation and quality of life.”</i></p> <p><b>(Date of Endorsement: November 19<sup>th</sup>, 2016)</b></p>		
<b>Dan Lynch</b>	<b>Manager, BioLinc</b>	<b>Goodman School of Business, Brock</b>



		<b>University</b>
<p><i>"I support the establishment of this new program and am particularly encouraged by in trans-disciplinary approach to innovation, community and economic development. The courses suggest sound very interesting as well and, as Manager of an experiential entrepreneurship incubator, I see it as an excellent program that supports entrepreneurial activity leading to the attraction, training and retention of the talent needed to build local, economically sustainable communities of innovation.</i></p> <p><i>I would encourage the students and young entrepreneurs that I advise and mentor at BioLInc to consider this new Master's level program."</i></p> <p><b>(Date of Endorsement: November 29<sup>th</sup>, 2016)</b></p>		
<b>Bill Mantel</b>	<b>Assistant Deputy Minister, Strategic Program Development &amp; Delivery</b>	<b>Ontario Ministry of Research, Innovation, &amp; Science</b>
<p><i>"In today's world, the notion that regions compete is as important or more important than the notion that companies compete. It's my observation that the environment that a company operates in, dictates its success. Hence, getting the urban innovation environment right is the ONLY economic development imperative.</i></p> <p><i>The next generation of economic development professionals needs to be able think and act at the systems level, and then knit urban innovation systems together for truly global competitiveness."</i></p> <p><b>(Date of Endorsement: November 6<sup>th</sup>, 2016)</b></p>		
<b>Guy Poirier</b>	<b>Director, Research &amp; Analysis Branch</b>	<b>Ontario Ministry of Economic Development &amp; Innovation</b>
<p><i>"A key challenge facing Ontario and Canada in the coming years will be the continuing transformation of urban and regional economies. There are currently few opportunities for economic development leaders and practitioners to explore these issues in an established graduate program. The creation of a Master of [Urban Innovation] can help fill the gap and equip graduates to better understand the economic development future of this country's communities."</i></p> <p><b>(Date of Endorsement: November 3<sup>rd</sup>, 2016)</b></p>		
<b>Bob Seguin</b>	<b>Advisor to the CAO</b>	<b>City of Brampton</b>
<p><i>"It is vitally important that the current and next generation of economic development professionals have the opportunity to better ground their understanding and capacity to lead their communities/ industry sectors and work with their elected officials to learn not just from trial and error as they work with innovative enterprises, and innovation technologies in the immediate marketplace. The proposed Master in the Management of Urban Innovation would provide a thorough, graduate level program of instruction and analysis grounded in past experiences/studies and peer reviews in academic and industry</i></p>		

*literature. The proposed Masters program would also provide participating students the opportunity to critically evaluate and understand the different theories, approaches, and rationales for a variety of decision choices as they deal with the reality of bringing new discipline to the economic development of an innovation 'eco-system' in an urban community.*

*The proposed Masters through the industry and economic analyses offered would gain deeper insights into the risks, and effective strategies in improved management of innovation in a real world environment of markets, politics, civic engagement and business growth (loss). The opportunity to also participate in a co-op opportunity in this field - with industry/ community enterprises or organizations- would provide critical experience to test their new learned capacity - and improve upon it. This is increasingly difficult as more and more urban communities recognize the need to develop and sustain innovative communities/institutions/firms but their past or current capacities are far different than the successful models identified in most literature or cryptic analyses.*

*In my view, with the planned gradual start-up of the proposed Master in the Management of Urban Innovation, current and new economic development, industry and others, would wish to participate in graduate level studies as is offered here. Over time, with expanded class sizes, the proposed Masters would develop a more learned cadre of skilled economic development professionals capable of far better handling of the challenges of innovation-market, technology, talent, citizen engagement/support, and political leadership- to more successfully transform urban communities into stronger innovation "eco-systems".*

**(Date of Endorsement: November 24<sup>th</sup>, 2016)**

<b>Victoria Stasiuk</b>	<b>Senior Economic Development Officer</b>	<b>Township of Oakville</b>
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*“As an economic development professional based in the Greater Toronto Area, I can see the benefit of an enhanced inter-disciplinary approach to land development, technology-led economic development and innovation districts. A Master’s level program focused on the Management of Urban Innovation, would be a good way of preparing professionals to look at strategies to be more responsive with modern technology, demographic patterns as well as sustainability targets.”*

**(Date of Endorsement: December 20<sup>th</sup>, 2016)**

<b>Ilse Treurnicht</b>	<b>CEO</b>	<b>MaRS Discovery District</b>
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*“I am delighted to hear about plans to develop a professional Master’s program in the Management of Urban Innovation at the Institute for the Management of Innovation at UTM. This is very timely. Cities are the furnaces of innovation globally, and this will intensify over the coming years. Cities will need a new breed of innovation leaders – bringing deep knowledge and understanding of strategies to effectively mobilize and integrate technology, creative, cultural, business, green, academic and civic assets to drive economic and social prosperity. As Canada’s largest urban innovation hub, we look forward to engaging with this program and welcoming graduates into the MaRS community.”*

**(Date of Endorsement: November 20<sup>th</sup>, 2016)**

**Mike Williams**

**General Manager, Economic  
Development & Culture**

**City of Toronto**

*"The fast pace of urban development and the form and the complex factors that influence the economic vitality of an urban area or a local neighbourhood are quickly evolving past the point of being comprehended through the eyes of a single discipline such as urban planning, transit development, economic development or real estate investment. In addition, the highly competitive nature of urban economic growth between regions and places puts increasing pressure on innovation in the many forms and functions of urban management, just as is happening in all facets of economic life. A program such as "Master in the Management of Urban Innovation" will help produce skill sets that pull in the many cross-disciplinary approaches that are needed by leaders focussed on today's and tomorrow's urban environment. We'd certainly be very interested in recruiting from this program."*

**(Date of Endorsement: November 2<sup>nd</sup>, 2016)**

**Dan Wojcik**

**President & CEO**

**Mississauga Board of Trade**

*"The Mississauga Board of Trade is delighted to know the University of Toronto Mississauga has taken bold steps toward producing this much needed program with a view to develop and enhance the economic development professionals of the future. The holistic approach of the MUI program to this underutilized profession is encouraging and I believe it will produce bold and fresh ideas for communities in the years to come."*

**(Date of Endorsement: December 22<sup>nd</sup>, 2016)**

## **Appendix H: Compendium of Faculty C.V.s**

Please see separate file.

# Appendix I: Appraisal Report

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# NEW PROGRAM PROPOSAL

## MASTER OF URBAN INNOVATION

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### **External Reviewers Appraisal Report**

**Professor Jennifer Clark, Georgia Institute of  
Technology**  
**Professor Richard Shearmur, McGill University**



UNIVERSITY OF  
**TORONTO**  
MISSISSAUGA

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**Appraisal Report Terms of Reference / Template  
Master of Urban Innovation (Graduate Program)  
Report Summary**

## **Program Evaluation Criteria**

### **Overall**

The proposed Master of Urban Innovation has the potential to be a much-needed and cutting edge program. Much needed, because it focuses on certain aspects of economic geography that are seldom broached in planning or public policy schools or indeed in other applied programs, and cutting-edge because it will be a first-of-its-kind program in North America.<sup>23</sup> Economic development officers – and other officials and consultants working in the field of economic development – come from a variety of backgrounds (planning, economics, management, political science) which usually focus on some, but not all, of the competencies and knowledge needed for this type of activity: the blending of planning, economic geography, management, policy and government proposed in the program therefore meets a need which – again to our knowledge – is not currently being met at the Master's level in North America.

Below we go through the evaluation items as set out in the terms of reference. The suggestions and critiques that are in some cases expressed should be read in the light of our overall support for this program.

### **1 Objectives**

#### **A- Consistency of the program with the institution's mission and unit's academic plans.**

MUI's objectives are consistent with the Institute for Management & Innovation's (IMI) suite of masters programs around the general area of innovation. Its content is complementary to the existing programs (Masters of Management in innovation; Master of Biotechnology; Master of Science in Biomedical Communications; and Master of Science in Sustainability Management), and its administrative structure and support is tried and tested since it will be managed in parallel with these other programs.

MUI's objectives are also consistent with the University of Toronto at Mississauga's (UTM's) objectives and positioning. Indeed, UTM is closely associated with the City of Mississauga - and Peel County more generally - which have persistently invested in the UTM campus and programs: UTM is perceived by them as a hub, and this program has been developed, at least in part, as a response to a need perceived by these municipal partners and the idea of UTM as a hub. The MUI will further

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<sup>23</sup> There are Centers for Urban Innovation at the Georgia Institute of Technology and at Arizona State University but these are research centers that support traditional public policy and urban planning graduate degree programs. These universities do not currently offer free-standing urban innovation graduate degree programs as proposed by UTM. There are several MS level “dual degree” programs that allow students the ability to simultaneously pursue public policy and urban planning degrees but these programs are typically longer (3 years) than the proposed UTM because they combine curriculums rather than rethink and redesign the curriculum. Perhaps the closest analog to UTM's MUI is New York University's professional MS in Applied Urban Science and Informatics. However, this program has a very different disciplinary emphasis (heavily focused on computer science) and relies on a very different faculty than UTM's MUI.

this partnership.

Finally, MUI's objectives are in line with University of Toronto's (U of T) wider objectives. Indeed, U of T's three priorities (as outlined by University President Meric Gertler in the October 2015 discussion paper) include – as a first priority – the leveraging of *"our urban location(s) more fully, for the mutual benefit of University and City"*. More specifically, a School of Cities is currently being designed as a signature collaboration among U of T's three campuses and combining research, teaching, and engagement priorities. The MUI could contribute substantially to the teaching component of this School of Cities should it proceed. However, with or without the School of Cities, the MUI will be able to train economic development professionals for cities and regions across Canada and beyond whilst collaborating with them in the area of placements, case studies and so on. The MUI will *"deepen [U of T's] relationships with [its] local partners – public, private, and non-profit"* (Gertler, 2015, p3).

## **B. Clarity and appropriateness of the program's requirements and associated learning outcomes in addressing the academic division's graduate Degree-Level Expectations.**

The MUI has clear and well set out requirements and associated learning outcomes. They are fairly classic – which is not a bad thing – and are especially clear because the MUI follows a tested template developed through five successful sister programs in IMI. Name is appropriate.

## **2 Admission Requirements**

### **A- Appropriateness of the program's admission requirements for the learning outcomes established for completion of the program.**

The admissions requirements are appropriate. If this is not already required at the university level, there should be a language requirement and TOEFEL or other proficiency testing in English.

### **B Appropriateness of any alternative requirements for admission into the program such as minimum grade point average or additional languages or portfolios, along with how the program recognizes prior work or learning experience.**

All OK.

## **3 Structure**

### **A- Appropriateness of the program's structure and regulations to meet specified program learning outcomes and Degree-Level Expectations.**

Overall, the structure of the program is appropriate and legible. It builds on five successful programs. The MUI benefits from a strong first-year core which will produce a body of common knowledge among the graduates. The second year consists of three clearly articulated specialization tracks (one of which will be brought in as the program expands).

However, the capstone project is described as being “a major research project” (p. 26, MUI Program Proposal). This is somewhat incompatible with the project being credited as only a one semester course (0.5 FCE). We suggest that it should either count as two courses (a full FCE, perhaps two 0.5



FCEs concurrently in the final term) or no longer described as a “major research project.”

If the second option is chosen – i.e. reducing the scope of the capstone project to make it compatible with 0.5 FCE - this may also help reduce the capstone advising burden on faculty participating in the program. Indeed, advice during the research process can be onerous at times, and the burden will need to be *explicitly* shared out so that it does not all fall upon a few willing professors.

**B- Rationale for program length in order to ensure that the program requirements can be reasonably completed within the proposed time period.**

With the proviso mentioned above with respect to the scope of the capstone project, the program length is appropriate – this is a 2 years professional master's program. Students should be able to complete it within the allotted 5 terms (20months), and certainly within 6 terms (24 months).

**C- The extent to which the program structure and delivery methods reflect universal design principles and/or how the potential need to provide mental or physical health accommodations has been considered in the development of this program.**

High accessibility standards are met throughout the UTM campus. However, some issues may arise, for students living with physical disability, with respect to commutes between the campuses in the second year. Some thought should be given to how such students would be able to access all courses they wish to follow.

Otherwise the services offered with respect to mental health on the UTM campus seem adequate, and would not be specific to this program.

#### **4 Program Content**

**A- Ways in which the curriculum address the current state of the discipline or area of study.**

Overall the curriculum addresses the current state of the discipline with respect to local economic development, and to innovation in this context.

However, although we have not seen the detailed curricula (only the course outlines), we feel that there may be some overlap between the core courses. For example, MUI 1020H, MUI 1030H and MUI 1080H may well cover some similar ground. Likewise, MUI 1050 and MUI1060. A clearer delimitation of each of this courses' focus would be helpful.

In addition, we feel that a key course is missing, i.e. a course which introduces all students to urban and regional economic theory. This is a critical course since it will bring students (who will be from diverse backgrounds) up to speed on spatial economic processes at various scales – many of which are unconnected with innovation. It will help situate innovation and local economic development within multiple other economic processes (international trade, currency fluctuations, geographic accessibility, periphery and centrality, resource-based development, industrial structures...) that can also have an impact on local economic development trajectories.

This course could be incorporated by rationalizing the existing courses and, once overlap is reduced, collapsing two of the courses listed above into one.

We also suggest incorporating a mechanism for periodic program reviews of the core and of the specializations, since this is a dynamic field.

Another recommendation is that the language used to describe the course be edited so that it reads less as a prescription of innovation and more as an enquiry into whether and how innovation can be harnessed to further local economic development.

For example:

On page 4, line 26: “for students to learn to support innovation economic growth” p. 4 would better read “for students to learn to understand how innovation contributes to economic growth.”

On page p. 13 line 3: "the MUI degree is unique in its interdisciplinary approach and in its focus on innovation as the driver of economic development in the 21st century." would better read: " the MUI degree is unique in its interdisciplinary approach and in its focus on exploring the processes through which innovation can be a driver of economic development in the 21st century."

On page 16, line 5: "... none of these programs provide the unique focus on innovation as the critical source for urban and regional economic development..." would better read "... none of these programs uniquely focus on how, and to what extent, innovation can be a key source of urban and regional economic development..."

This list is not exhaustive: but we strongly suggest that the language used to describe the course reflect an approach of critical enquiry rather than of prescription – in keeping with OCAV's master's degree level expectations (see p.28 et seq): 1. Depth and Breadth of Knowledge (*critical awareness of current problems and/or new insights*) and 2. Research and Scholarship (*critical evaluation of current research*) 3. Application of Knowledge (*critical analysis*)

#### **B- Identification of any identified unique curriculum or program innovations or creative components and their appropriateness.**

The program itself is innovative, but its format is fairly classic and in keeping with other IMI programs. It has a strong internship component, which is standard for IMI's courses and which seems to work extremely well. Indeed, the fact that the program is not over-extending itself by proposing new pedagogical approaches is a good thing and will ensure a smoother start.

#### **C-For research-focused graduate programs: clarity of the nature and suitability of the major research requirements for degree completion. N/A**

#### **D- Evidence that each graduate student in the program is required to take all of the course requirements from among graduate-level courses.**

Yes. All the courses, whether the core courses or the options, are graduate level.

## **5 Mode of Delivery**

**A- Appropriateness of the proposed mode(s) of delivery (distance learning, compressed part-time, online, mixed-mode or non-standard forms of delivery, flexible-time options) to meet the intended program learning outcomes and Degree-Level Expectations.**

As explained to us, the delivery of this program will be in keeping the other IMI programs. The first year of core courses will all take place on the UTM campus – this is a strength of the program. In the second year, some courses may take place on other U of T campuses. There are no plans to deliver some of the courses by way of distance learning; in that sense this is a 'terrestrial' program.

## **6 Assessment of Teaching and Learning**

**A- Appropriateness of the proposed methods for the assessment of student achievement of the intended program learning outcomes and Degree-Level Expectations.**

All OK.

**B- Completeness of plans for documenting and demonstrating the level of performance of students, consistent with the academic division's statement of its Degree-Level Expectations.**

Well researched and well presented.

## **7 Resources**

**A- Facilities and support staff**

The program – and its students – will have access to great buildings, facilities (including a sports complex, library, breakout spaces, entrepreneurship support. etc....) and to an impressive administrative infrastructure. In particular, the administrative support for student internship placements and professional placement is by all accounts (i.e. our discussions with the staff and with the students), exceptional.

The program anticipates bringing on two additional FTE support staff to meet MUI's requirements in this regard as well as rely on the IMI staff and expertise to scale up quickly.

**B- Faculty hires**

Faculty investment in the MUI seems rather low. Three new faculty hires are proposed.

The director will be managing the new program, the two new faculty hires, a full teaching load, and no doubt relations with municipalities. He or she will also probably be expected to perform research. If this were not enough, "the Director will also coordinate the internship course with the assistance of the placement office." (p.43) and will also read all internship reports (p26).

It is proposed that the two other faculty hires be at the assistant level – i.e. with little or no prior experience of navigating a university environment. The particular environment they will find themselves in will be complex: they will be split between IMI (49%) and another department (51%), teaching in a fledgling program whilst expected to perform duties for their home department. We

are concerned that junior faculty will find this difficult, particularly if the director does not have the time to properly mentor them whilst also overseeing the academic implementation and development of the program.

For this reason we recommend one of two things (or indeed both).

1- The director's position should be split. The new senior faculty member should manage the academic, research and teaching dimensions of the program. In particular, the mentoring of the two new faculty – and ensuring they are not overstretched as they learn to work across two administrative units – will be an important element of this job. A new managing director (a staff rather than faculty role) should oversee other matters such as internships, the administrative complexities of cross-appointments, timetable conflicts, guests, most external relations, fund raising... etc...

2- The two non-director professors should be more senior – i.e. associate professor level. We realize that recruiting at this level may be difficult, but feel that the program would benefit from having stronger core faculty.

Both of these suggestions aim at ensuring that the program has a solid core group of staff and faculty able to federate and organize other faculty from across a wide range of departments and disciplines. In effect, our proposals would elevate investment in the core faculty in the MUI to a “cluster hire in urban innovation” which would both help ensure the success of the program and serve to signal the seriousness of U of T’s investment. They will also provide a strong identity to the program, and a solid core of people towards whom students can turn.

### **C- Supervision of capstone projects**

One related concern, alluded to above, relates to the supervision and evaluation of capstone projects. It is important that this does not end up falling on the three core faculty members. In any case it is probable that they will be the default supervisors and evaluators: nevertheless, they will not be able to manage 10 each year... Having more senior hires and/or a managing director who can organize and supervise the allocation of supervision will help in this respect.

### **D- Course development resources**

We recommend that all faculty who will be preparing new courses for the MUI receive some course development resources in order to design and develop the curriculum. As noted previously, a significant contribution of the MUI is that it rethinks and redesigns curriculum rather than simply redeploy an existing curriculum. Resources should be made available for the participating faculty to actually do that.

### **E- Leveraging high profile faculty**

U of T is fortunate to have amongst its faculty some high profile researchers on the topic of innovation and local economic development. In particular, Richard Florida (who has instant name recognition) and Harald Bathelt (who is extremely well respected in the academic field of innovation studies).

It would be good to find a way to showcase such high profile U of T faculty for program branding --  
- e.g. opening lectures, adding their courses as options...

### **F- Existing faculty**

The faculty who have committed to teach in the IMI form an impressive list. Their CVs, and their reputation – which, for many, precedes them - means that we have no doubt that the IMI courses will be of high caliber.

The one concern that arises is that many of these faculty members are in the early stages of their careers. There are relatively few mid-career professors, and very few senior ones – this is another reason for strengthening the core hires and for considering the recommendations made in paragraph B above.

### **8 Quality and Other Indicators**

Overall, the MUI is an innovative professional program which has the potential to be a leader in the field of urban economic development.

# Appendix J: Decanal Response

New Program Proposal  
Master of Urban Innovation (MUI), UTM

## Decanal Response to Appraisal Report

Professor Richard Shearmur, Professor and the Director of the McGill School of Urban Planning, and Professor Jennifer Clark, Associate Professor at Georgia Institute of Technology where she is also Director of the Center for Urban Innovation and Associate Director for Smart Cities and Inclusive Innovation, conducted an external review of the proposed new professional graduate program (the Master of Urban Innovation) at the University of Toronto Mississauga (UTM) on February 15th, 2018.

The report is extremely positive and the summary notes that the strengths of the proposed MUI are many and include the cutting-edge nature of the program, strong administrative and faculty support for the program, its potential to deepen and extend the University of Toronto's relationships with our local partners and the positioning of the program to take advantage of the substantial human (intellectual), and technological resources available at all 3 campuses of the University of Toronto. The reviewers note further that the credentials of the participating faculty are outstanding so the quality of the program is expected to be high. The reviewers make several very helpful recommendations about course content and faculty hiring to which we respond below.

The reviewers made several suggestions regarding the proposed structure and emphasis of the proposed curriculum. They expressed concern about the weight and structure of the proposed capstone course (MUI 2095H). In the proposal, it is described as a "a major research project" that requires each student to be supervised by a faculty member. They suggest that it makes more sense for a one-semester capstone course to consist of group projects that focus on real-world economic development issues. This type of course can be completed in a semester and requires less of a commitment in terms of faculty supervision than the research paper model. We agreed with their suggestion and have modified the course description of the capstone course accordingly. A second concern had to do with what they perceive to be a key missing course, i.e. a course which introduces all students to urban and regional economic theory. Their point is well taken and, in response, we have renamed and modified the content of the course that was intended to partially serve this purpose (MUI1030H) to much more clearly cover this foundational material. The new course name is Local and Regional Economic Development Theory and it clearly focuses on the material identified by the reviewers. We have also somewhat restructured several courses in which the reviewers identified areas of overlap to more clearly delineate among the course content of MUI1020H vs. MUI1080H and MUI1050H vs. MUI1060H, in particular. As with any new program, we anticipate the program's Director will regularly revisit the curriculum in consultation with faculty and students to make sure that the MUI reflects the dynamism of the evolving field. Finally, and as strongly suggested by the reviewers, we have made a number of subtle yet important changes in wording throughout the proposal to more accurately express MUI's approach to the relationship between innovation and the needs of urban areas as a matter of enquiry rather than as a blanket endorsement of innovation for innovation's sake.

In response to the reviewers' comments on the admission requirements, we are confirming that the requirements include the School of Graduate Studies (SGS)

regulation regarding English-Language Proficiency (ELP). English language proficiency must be demonstrated by all applicants educated outside Canada whose primary language is not English. The SGS regulation (4.3) defines minimum TOEFL scores and minimum scores for other recognized English language proficiency tests

We are pleased to note that the objectives, admission requirements, overall program structure, program content and mode of delivery were all found appropriate. In general, the resources were deemed appropriate in support of the program. Assessment was also deemed appropriate.

In terms of new faculty, the reviewers believe that all three of the new faculty members to be hired in support of the proposed program should be tenured faculty members at the Associate or Full Professor level. As it stands now, we plan to hire the MUI Director at the Associate or Full level. We will commit to searching at the associate level during the 2018-19 year. The MUI program is new, the field is emerging so we reserve the right to hire at the assistant level if that proves more feasible in the immediate future.

The reviewers also recommend hiring an additional staff person (beyond the proposed two positions in the proposal), who they refer to as the managing director, to help oversee the internship program, the administrative complexities of cross-appointments, external relations and so on. We believe that the staff resources provided are adequate for the foreseeable future based on the model of the existing MScSM degree program which is staffed at an identical level. As is the case for the MScSM, the internship coordinator of the MUI program will do a great deal of the work associated with the internship placements and course management as well as manage program logistics. The other staff person will focus primarily on recruitment, marketing and admissions.

The reviewers encouraged UTM and IMI to seek out opportunities to showcase some of the leaders of the field in terms of innovation and cities who are already part of the broader UofT faculty. We have recently obtained the permission of Professor Florida to list his graduate course as an elective for MUI students. The courses already on the books in combination with the new courses make up a rich set of offerings for MUI students. In terms of the reviewers' comments on resources for course development, UTM offers course development resources to faculty, such as access to instructional designers based at UTM's Robert Gillespie Academic Skills Centre and supplemental funds to hire research assistants to assist with the development of new or modified courses. The intent is to put all the required new courses for the MUI program through governance at UTM in the fall of 2018. Given that the courses are already outlined thoroughly in terms of content and substance, we believe that this will be a straight-forward process as UTM and IMI have a great deal of experience with creating new professional masters programs.

We are pleased that the reviewers believe that the program is creative and timely in that it will create a new generation of professionals with greater understanding of sustainable and innovative economic development. We are looking forward to positioning UofT as a leader in the field of urban economic development.



Amrita Danieri  
Vice Principal Academic and Dean  
University of Toronto Mississauga

## **Appendix K: Provostial Administrative Response**





March 12, 2018

Amrita Daniere  
Vice-Principal, Academic and Dean  
UTM

**Re: Appraisal Report, Proposed new Master of Urban Innovation**

Dear Amrita,

I am very pleased to receive the appraisal of the proposed Master of Urban Innovation (MUI). Your administrative response to the appraisal nicely summarizes the report and highlights the specific suggestions made by the reviewers for consideration.

The reviewers made a number of suggestions for the program requirements, including eliminating overlap between some of the core courses and adding a course in the area of urban and regional economic theory. They also recommended some changes to the scope of the capstone project. In response, some of the MUI core courses were restructured and more clearly delineated to avoid overlap, and the course covering the urban and regional economic theory content was renamed and modified to much more clearly cover this foundational material. The one-semester capstone has been changed to consist of group projects that focus on real-world economic development issues, which fits well within a semester and will more efficiently use faculty resources.

In terms of faculty resources, reviewers suggested that the two searches for new assistant-level faculty be at the associate or full level. You agree that ideally the two faculty to be hired would be at the associate level and you have updated the proposal to reflect this; but you note that if an appropriate candidate is not found at that level, hiring may be at the assistant level. I also note that UTM plans to offer course development resources to faculty who will teach new MUI courses. These courses will be approved in Fall 2018.

I will be pleased to recommend this new professional master's program to governance for approval, following approval at the Divisional level.

Sincerely,

A handwritten signature in black ink, appearing to read "Sioban Nelson".

Sioban Nelson  
Vice-Provost, Academic Programs

cc.

**University of Toronto  
New Graduate Program Proposal:  
Master of Urban Innovation (MUI)**

**Appendix H  
Compendium of Curriculum Vitae**

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Brail, Shauna

## **BIOGRAPHICAL INFORMATION**

### **PERSONAL**

Urban Studies Program, Innis College  
University of Toronto  
2 Sussex Avenue  
Toronto, ON  
M5S 1J5  
416.978.7463  
shauna.brail@utoronto.ca

### **DEGREES**

Ph.D.	University of Toronto (Geography)
M.A.	University of British Columbia (Planning)
B.A.	University of Toronto (Urban Studies & Geography)

### **EMPLOYMENT**

2016 - present	Director, Urban Studies Program
2016 – present	Associate Professor, Teaching Stream, Munk School of Global Affairs
2015 - present	Presidential Advisor on Urban Engagement
2015 – present	Associate Professor, Teaching Stream, Urban Studies Program
2015 – present	Senior Associate, Innovation Policy Lab, Munk School of Global Affairs
2010 – 2015	Senior Lecturer, Urban Studies Program, Innis College
2005 – 2010	Lecturer, Urban Studies Program, Innis College

### **Non-Academic Employment:**

Senior Policy Advisor, Ontario Ministry of Economic Development and Trade, Science & Technology Division, Information and Communications Technology Branch, 2004 – 2005.

Senior Policy Analyst, Ontario Ministry of Economic Development and Trade, Competitiveness & Business Development Division, Economic Development Strategy Branch, 2000 – 2004.

Electronic Commerce Research Specialist, The Boston Consulting Group, Toronto, ON, 1998-2000.

Planner, Brook Development Planning, Vancouver, British Columbia, 1994 – 1995.

Planning Assistant, District of Sechelt, Planning Department, Sechelt, British Columbia, Summer 1993.

**Professional Affiliations and Activities:**

Associate Professor, Teaching Stream, Munk School of Global Affairs  
Munk School of Global Affairs, Innovation Policy Lab, Senior Associate  
Martin Prosperity Institute, Affiliate  
Cultural Economy Lab, Research Associate

**ACADEMIC HISTORY**

**RESEARCH AWARDS**

Connaught Global Challenge Award, Urban Genome Project, Team Member, \$250,000, 2017-2019.

University of Toronto Excellence Award – Social Sciences and Humanities. May – September 2015, \$6,000.

Social Science and Humanities Research Council of Canada, Major Collaborative Research Project on Creating Digital Opportunity, Co-applicant, \$2,500,000, 2014-2019.

Social Science and Humanities Research Council of Canada, Neighbourhood Change Research Partnership, \$1500 (travel grant), 2015.

Social Science and Humanities Research Council of Canada, Neighbourhood Change Research Partnership, \$4500, 2014-2015.

University of Toronto, work-study funds to support Urban Studies research, \$1800, 2014-2015.

University of Toronto Excellence Award – Social Sciences and Humanities. May – September 2014, \$6,000.

University of Toronto work-study funds to support Community Leadership and Engagement in Regent Park research initiative, \$1800, 2013-2014.

University of Toronto work-study funds to support Grade Achievement in Service Learning study, \$1800, 2013-2014.

Social Sciences and Humanities Research Council of Canada 2005 5 Years  
\$2.5 M, participating as Domestic Collaborator and working in conjunction with Professor D. Leslie on studies of talent attraction and retention in Toronto’s fashion and visual arts clusters. Jointly manage research budget: \$81,000 (\$27,000 x 3 years)



University of Toronto work-study funds to support Best Practices in Experiential Learning research project, 2007-2011, \$5,000.

## **TEACHING / EDUCATION GRANTS**

University of Toronto, Faculty of Arts and Science, Advancing Teaching and Learning in Arts and Science award, “Preparing for the Urban Studies Studio Course”, \$2,640, 2017.

University of Toronto, Faculty of Arts and Science, Dean’s International Initiatives Fund, “Urban Studies Student Internships at NYU: The Urban Lab at the NYU Schack Institute of Real Estate”, \$6,456, 2017.

University of Toronto, Faculty of Arts and Science, Canadian Friends of Hebrew University Endowment Fund, “Hebrew University /Urban Clinic Study Tour”, \$20,400, 2016.

University of Toronto, Faculty of Arts and Science, Dean’s International Initiatives Fund, “Urban Studies Student Internships at NYU School of Professional Studies, Initiative for Creativity and Innovation in Cities”, \$4,680, 2016.

University of Toronto, Faculty of Arts and Science, Internationalized Course Module Fund, “Chicago Module in INI 437Y”, \$14,017, 2014.

University of Toronto, Faculty of Arts and Science, Curriculum Renewal Initiative Fund, “Service Learning in INI 235Y”, \$10,000, 2012.

University of Toronto, Faculty of Arts and Science, Curriculum Renewal Initiative Fund, “Service Learning in INI 235Y”, \$10,000, 2011 (did not accept due to sabbatical leave)

University of Toronto, Faculty of Arts and Science, Internationalized Course Module Fund, “New York Module in INI 437Y”, \$7,200, 2011.

University of Toronto, Faculty of Arts and Science, Curriculum Renewal Initiative Fund, “Service Learning in INI 235Y”, \$18,868, 2009-2011.

University of Toronto, Faculty of Arts and Science, Internationalized Course Module Fund, “New York Module in INI 437Y”, \$7,586, 2010.

## **OTHER**

Outstanding Service Award, 2017, Centre for Community Learning & Development, Toronto.

Small Group Award, 2017; Dean’s Excellence Award, Faculty of Arts and Science, University of Toronto, 2011

## **SCHOLARLY AND PROFESSIONAL WORK**

## Refereed Publications

### Articles

Brail, S. 2017. Promoting Innovation Locally: Municipal Regulation as Barrier or Boost. *Geography Compass*, 11:12, 1-12.

Brail, S. and Kumar, N. 2017. Community leadership and engagement after the mix: The transformation of Toronto's Regent Park. *Urban Studies*, 54:16, 3772-3788.

Brail, S. 2016. Quantifying the value of service learning: comparison of grade achievement between service learning and non-service learning students. *International Journal of Teaching and Learning in Higher Education*, 28:2,148-157.

Levkoe, C., Brail, S. and Daniere, A. 2014. Engaged pedagogy and transformative learning in graduate education: a service learning case study. *Canadian Journal of Higher Education*, 44:3, 68-85.

Leslie, D., Brail, S. and Hunt, M. 2014. Crafting an antidote to Fast Fashion: The Case of Toronto's Independent Fashion Design Sector. *Growth and Change*, 45:1, 222-239.

Brail, S. 2013. Experiencing the city: Urban studies students and service learning. *Journal of Geography in Higher Education*, 37:2, 241-256.

Allahwalla A., Bunce, S., Beagrie, L., Brail, S., Hawthorne, T., Levesque, S., von Mahs, J., and Spotton Visano, B. 2013. Building and sustaining community-university partnerships in marginalized urban areas. *Journal of Geography*, 112:2, 43-57.

Leslie, D. and Brail, S. 2011. The productive role of 'quality of place': a case study of fashion designers in Toronto. *Environment and Planning A*, Vol 43, pp. 2900-2917.

### Book Chapters

Brail, S., E. Mizrokhi and S. Ralston. 2017. Examining the transformation of Regent Park, Toronto: Prioritizing hard and soft infrastructure in *Urban Transformations: Geographies of Renewal and Creative Change*, edited by Wise, N. and Clark, J., Routledge, 177-194.

Leslie, D., Brydges, T. and Brail, S. 2015. Qualifying aesthetic values in the experience economy: the role of independent fashion boutiques in curating slow fashion in *Spatial Dynamics in the Experience Economy*, edited by Lorentzen, A., Schroder, L., and K.T. Larsen. New York: Routledge.

Leslie, D., Hunt, M. and Brail, S. 2014. Attracting and retaining artistic talent in Toronto: Cosmopolitanism, cultural diversity and inclusion. In Grant, J. (ed.) *Seeking Talent for Creative Cities: The Social Dynamics of Innovation*. Toronto: University of Toronto Press, 59-76.

Mills, L. and S. Brail. 2002. Toronto's New Media Cluster in the New Millennium in *Knowledge, Clusters and Regional Innovation: Economic Development in Canada*, edited by David Wolfe and J. Adam Holbrook. Kingston: McGill Queen's University Press.

Brail, S. and M. Gertler. 1999. 'The Digital Regional Economy: Emergence and Evolution of Toronto's Multimedia Cluster in *Multimedia and Regional Economic Restructuring*, edited by Braczyk, Fuchs and Wolf. London: Routledge Press.

### **Non-Refereed Publications/Media**

Brail, S. Forthcoming. Building Cities by Engaging Communities: Social Infrastructure, Community Benefits, Anchor Institutions. Bang the Table.

Brail, S. 2017. Smart Cities and Lessons from India. IRPP / Policy Options, August 7, <http://policyoptions.irpp.org/magazines/august-2017/smart-cities-and-lessons-from-india/>.

Brail, S. 2015. Student Study Guide, *Canadian Cities in Transition – 5<sup>th</sup> Edition*. Oxford University Press: Toronto. [http://www.oupcanada.com/higher\\_education/companion/geography/9780199008186.html](http://www.oupcanada.com/higher_education/companion/geography/9780199008186.html) (Student Resources).

Brail, S. and Daniere, A. 2013. The upside of internships. The Toronto Star, August 4. [http://www.thestar.com/opinion/commentary/2013/08/04/the\\_upside\\_of\\_internships.html](http://www.thestar.com/opinion/commentary/2013/08/04/the_upside_of_internships.html)

Co-author. 2011, October. Cities Grow Ontario – Urban Challenges and Prospects. Report published by Martin Prosperity Institute with multiple partners.

Co-author. 2011, April. Who Cares About 15 Million Urban Voters? Report published by Martin Prosperity Institute with multiple partners.

### **Papers and Posters Presented at meetings and symposia**

Brail, S. Uber vs City Hall: 'New' Industry Models within Traditional Systems of Governance. Canadian Political Science Association Annual Conference, Ryerson University, Toronto, Canada, May 31, 2017.

Brail, S. Ride-Sharing & World Cities: Role and Prospects for Canadian Cities. Presented at Canadian Association of Geographers Annual Meeting, York University, Toronto, Canada, May 31, 2017.

Brail, S. Urbanization, Social Infrastructure and Smart Cities. Presented at The Future of Smart Cities Symposium, Mumbai, India, May 18, 2017.

Brail, S. Disrupting Ground Transportation: Year in Review. Paper presented at Creating Digital Opportunity Annual Meeting, Montreal, Canada, May 3, 2017.

Brail, S. Uber vs. City Hall: Uber vs. City Hall: New' Industry Models within Traditional Systems of Governance. Paper and video presented at Creating Digital Opportunity Annual Meeting, Saskatoon, Canada (via Skype), April 27, 2016.

Brail, S. Uber vs. City Hall: New' Industry Models within Traditional Systems of Governance Paper presented at American Association of Geographers Annual Meeting, San Francisco, USA, March 31, 2016.

Sinyor, M., Maaranen, R., Brail, S., Schaffer, A. The Intraurban Geography of Suicide in Toronto. Poster presented at IASR/AFSP International Summit on Suicide Research, New York, United States, October 2015.

Brail, S. and Kumar, N. Community Leadership and Engagement After the Mix: The Transformation of Regent Park. Paper presented at American Association of Geographers Annual Meeting, Chicago, United States, April 2015.

Brail, S. Experiencing the city: Urban Studies students and service learning. Paper presented at Spaces and Flows Conference, Prato, Italy, November 2011.

Locklin, R., Brail, S., and McCahan, S. Effective Critical Reflections: Strategies and Methods, co-presenters: Professor Reid Locklin and Professor Susan McCahan, Presented at the 4<sup>th</sup> Annual Teaching and Learning Symposium: Learning in Action, Leading the Way, November 2009, Toronto, Ontario.

S. Brail and D. Leslie. Fashioning an antidote to globalization and fast fashion: Can Toronto's fashion designers compete? European Business History Conference, June 2009, Milan, Italy.

S. Brail. Service Learning in INI 235. Presented at Summer Institute on Service Learning, May 2009, Toronto, Ontario.

Leslie, D. and S. Brail. The role of quality of place in attracting and retaining fashion design talent – an update. Innovation Systems Research Network Annual Meeting, May 2009, Halifax, Nova Scotia.

Brail, S. and D. Leslie. Fashion's endurance as a cultural industry in Toronto: Attracting consumers in an age of globalization and fast fashion. American Association of Geographers Annual Meeting, March 2009, Las Vegas, Nevada.

Leslie, D. and S. Brail. The role of quality of place in attracting and retaining fashion design talent. Innovation Systems Research Network Fall Meeting, November 2008, Toronto, Ontario.

Brail, S., A. Armstrong and J. Taylor. Panel on Experiential Learning. Conference on Teaching and Learning Outside the Classroom, University of Toronto, October 2008, Toronto, Ontario.

Brail, S. The Challenges and Rewards of Community Based Experiential Learning. Congress of the Social Sciences and Humanities, June 2008, Vancouver, British Columbia.

Brail, S. and D. Leslie. Toronto Fashion: Introduction and Overview. Innovation Systems Research Network, May 2007, Vancouver, British Columbia.

Mills, L. and S. Brail. New Media in the New Millennium: The Toronto Cluster in Transition. Society for the Advancement of Socio-Economics, Amsterdam, June 2001.

Brail, S. Rethinking Clusters in the New Economy: Toronto's Internet Industry Cluster. Presented at the American Association of Geographers Annual Meeting, New York, New York, March 2001.

Brail, S. Internet Startups and Innovation: Does Geography Matter? Presented at the Canadian Regional Science Association Annual Meeting, Toronto, Ontario, June 2000.

Brail, S. The Geography of Internet Startups. Presented at the Canadian Association of Geographers Annual Meeting, Brock University, St. Catherines, Ontario, June 2000.

Brail, S. The Paradox of Technological Change: 'New' Media in 'Old' Urban Areas. Paper presented at the American Association of Geographers Annual Meeting, Boston, Massachusetts, March 1998.

Brail, S. The Emerging Multimedia Industry: Impacts on Toronto's Urban Industrial Landscape -- Preliminary Research Findings II. Presented at the Urban Affairs Association Annual Conference, Toronto, Ontario, April 1997.

Brail, S. The Emerging Multimedia Industry: Impacts on Toronto's Urban Industrial Landscape -- Preliminary Research Findings I. Presented at the Annual Conference of the Canadian Association of Geographers, Ontario Division, Peterborough, Ontario, October 1996.

### **Manuscripts in Preparation or Under Review**

Brail, S. From Renegade to Regulated: The Digital Platform Economy, Ridehailing and the Case of Toronto. Under Review.

Brail, S. Ridehailing & World Cities: Role and Prospects for Canadian Cities. In preparation.

### **Invited Lectures**

Brail, S. From Sharing Economy to Platform Economy: Disrupting Urban Mobility. Presentation on behalf of Office of Student Recruitment, University of Toronto at Oberoi International School, Mumbai, India, May 16, 2017.

Brail, S. The University & The City: Building a Sustainable and Inclusive Toronto. RBC Conference: The Inclusive & Sustainable City of the 21<sup>st</sup> Century: Challenges and Possibilities Facing Urban Policymakers and Institutions. University of Toronto, May 2, 2017.

Brail, S. Incorporating Community Engaged Learning into your Career and Personal Development, Centre for Community Partnerships Doctoral Seminar, March 29, 2017.

Brail, S. Community Engaged Pedagogy, University of Toronto at Scarborough Centre for Teaching and Learning, Faculty Workshop, March 9, 2017.

Brail, S. The University & The City. Guest lecture in Prof. R. Florida's, RSM2132: Prosperity & Competitiveness, University of Toronto, Rotman School of Management, October 31, 2016.

Brail, S. Opening Remarks, Centre for Community Partnerships Summer Institute on Service Learning, May 25, 2016.

Brail, S. Community Engagement and the Transformation of Public Housing in Toronto: The Case of Regent Park. Hebrew University of Jerusalem, May 18, 2016.

Brail, S. Learning by Example: The Case of Regent Park, Toronto, Municipality of Jerusalem, May 17, 2016.

Brail, S. Cities. Guest lecture in PPG 2003H: Capstone Course School of Public Policy and Governance, University of Toronto, February 11, 2016.

Brail, S. The University & The City. Guest lecture in Prof. R. Florida's, RSM2132: Prosperity & Competitiveness, University of Toronto, Rotman School of Management, November 2, 2015.

Brail, S. Youthful Cities Summit, University of Toronto, April 28, 2015.

Brail, S. How does service-learning influence discipline specific student learning and achievement?, SoTL Network Meeting, University of Toronto, February 24, 2015. Video:  
<https://media.library.utoronto.ca/play.php?C0ZllvsQM4Bd&id=26183&access=uoft>

Brail, S. The Urban Studies Program: Experiential Learning, Alumni and the CSI. UTAA Connected @ the Centre for Social Innovation, May 13, 2014. Video:  
<http://alumni.utoronto.ca/volunteer/community-engagement/>

Brail, S., Ibrahim, S. and Knoeck, K. Regent Park: After the Mix, Toronto Reference Library, April 29, 2014.

Brail, S. and Hulchanski, D. Homes for the people: Exploring Inequalities in Access to Housing, Urban Studies Students Union, Hart House, March 13, 2014.

Brail, S. Panelist at Centre for Community Partnerships event "Your Voice, Your Choice" on October 5<sup>th</sup>, University of Toronto, October 5, 2010.

Brail, S. Service Learning in INI 235Y: Intro to Urban Studies. Presented to Centre for Community Partnerships, Faculty Summer Institute, Toronto, May 2009.

Brail, S. Urbanization and Global Change. Presented to Later Life Learning. Toronto, Ontario, November 2007.

Brail, S. Policy Implications of ONRIS Research: ICT Clusters Response. Presented at the ONRIS / MEDT joint workshop. Toronto, Ontario, October 2004.

Brail, S. Innovation, Clusters and the New Economy. Presented at the Office for the Greater Toronto Area quarterly conference on 'Smart Cities' for the Greater Toronto Coordinating Committee. Richmond Hill, Ontario, July 2000.

Brail, S. Toronto's New Media Industry: What is it and Who Works in it? Presented at the Canadian Media Guild seminar on 'Organizing in the New Media: Developing a Strategy', Toronto, Ontario, May 2000.

Brail, S. Digital Media: Toronto's Role in a Global Industry. Presented at the Digital Media Institute Lecture Series, University of Toronto, May 2000.

Brail, S. The Economic Geography of Multimedia Production: Toronto's Multimedia Cluster. Presented at the Research Workshop on New Media and Work, sponsored by the National Institute of Working Life, Malmö, Sweden, February 1999.

Brail, S. and M. Gertler. The Digital Regional Economy: Emergence and Evolution of Toronto's Multimedia Cluster. Paper presented and published in association with conference on: Regional Economic Restructuring and Multimedia, Stuttgart, Germany, October 1997.

### **Conference Roundtable and Panel Discussions**

Panelist, Where do cities fit in 21<sup>st</sup> century confederation?, Confederation of Tomorrow 2.0, the Mowat Centre, Toronto, December 13, 2017.

Panelist, Teaching in the city: reflective engagement in your courses, Centre for Community Partnerships, Toronto, November 13, 2017.

Speaker, Going Urban: The Rise of the Metropolis, Business [Un]usual: Profit from Purpose, Conference Board of Canada, Toronto, October 3, 2017.

Moderator, Beyond the Campus: Community Engaged-Learning in the City, Centre for Community Partnerships 2017 Faculty Institute on Community-Engaged Learning, University of Toronto, Toronto, Canada, June 8, 2017.

Panelist, Toronto New Urbanism Film Festival, Toronto, Canada, June 1, 2017.

Moderator, Shaping Futures: Housing Policy for the 21<sup>st</sup> Century, session on Housing Policy Update: The Macro Context and Recent Policy Trends, Toronto, Canada, May 24, 2017.

Moderator, Innis College / Cinema Studies Institute / Urban Studies Program screening of 'The Stairs' and discussion with Hugh Gibson (Director and Producer), March 20, 2017.

Moderator and organizer, Innis College / Urban Studies Program / Innis One Program, Book launch and panel discussion for Shawn Micallef's Frontier City, March 7, 2017.

Moderator, Hart House Debates Committee and Forestry Students Union, conversation on Green Cities with David Miller, February 16, 2017.

Moderator, Urban Studies Students Union, Reading the Pulse: Discussion of Toronto's Vital Signs, November 21, 2016.

Moderator, City Level Social Innovation panel at It's Time to Be Bold Conference, Hart House, University of Toronto, November 21, 2016.

Moderator and co-organizer, Urban Studies Program / Martin Prosperity Institute / Department of Geography & Planning / Daniels Faculty of Architecture, A Good City? Toronto Tensions –

Exploring the Legacy of Jane Jacobs, November 14, 2016.

Chair, City as Medium, The Toronto School: Then, Now, Next conference, University of Toronto, October 14, 2016.

Panelist, Centre for Community Partnerships Faculty Roundtable on 'Publications', University of Toronto, March 3, 2016.

Moderator, Growing with an Audience, panel organized by the Urban Studies Students Union, March 3, 2016.

Presenter, Centre for Teaching Support and Innovation, SOTL Research, October 5, 2015.

Chair, Research Panel, Faculty Institute on Community-Engaged Learning, Centre for Community Partnerships, University of Toronto, Toronto, May 13, 2015.

Organizer and Moderator, Toronto as a City of Learning: Collaborating with Friends of the Pan Am Path, Cities of Learning: The University in the Americas, University of Toronto, Toronto, May 12, 2015.

Panelist, Workshop on Community-Engaged Learning for mid-career faculty, Next for U series, Vice Provost Faculty and Academic Life, University of Toronto, Toronto, February 25, 2015.

Organizer and Moderator, 'Ask a Prof' lecture series, TD Centre of Learning in Regent Park, Toronto, November 2014 – April 2015.

Moderator, The Value of an International Experience, Global Perspectives Symposium, organized by the Faculty of Arts & Science, University of Toronto, November 13, 2014.

Panelist, Publishing Scholarship on Your Service-Learning Courses, Centre for Community Partnerships, University of Toronto, November 11, 2014.

Panelist, Let's Talk Toronto Panel Discussion. Urban Studies Students Union and Political Science Students Union, University of Toronto, October 15, 2014.

Organizer and Moderator, 'Ask a Prof' lecture series, Daniels Centre of Learning in Regent Park, Toronto, September – April 2013.

Organizer and Speaker, Nifty Assignments and Innis One. Teaching and Learning Symposium, University of Toronto, October 28, 2013.

Moderator, Toronto in Question: Exploring the Answers, Cities Centre, University of Toronto, April 17, 2012.

Moderator, Who Needs Arts and Culture in Toronto?, Cities Centre, University of Toronto, March 27, 2012.



Organizer and speaker, “Learning outside the classroom: the role of internships in urban undergraduate education. Panel discussion, American Association of Geographers Annual Meeting, February 2012, New York.

Organizer and speaker, “We won’t be meeting in class this week, we’re going on a field trip...” Panel discussion, University of Toronto Teaching and Learning Symposium, November 28, 2011, Toronto.

## **LIST OF COURSES**

### **Undergraduate Courses Taught**

INI 235H: 2017

INI 437Y: 2005 - 2016

INI 235Y: 2007- 2016

INI 101H: 2013

JGI 216H: (formerly GGR 216): 2005 – 2009

INI 430Y: 2005 - 2007

JGI 450Y: 2014-2015

Independent Graduate Study Supervisions:

Taylor Brydges, 2013 (MA Candidate in Geography)

Independent Undergraduate Study Supervisions:

Patrick Adler, 2007-2008

Jordan Katz, 2007-2008

Work Study Supervisions:

Jane Drumm, 2017-2018

William Choi, 2017-2018

Ekaterina Mizorkhi, 2016-2017

Jane Law, 2016-2017

Jessie Ji Huang, 2015-2016

Shahrukh Ahmed, 2014-2015

Taylor Surman 2013-2014

Nishi Kumar 2013-2014

Erin Kang, 2009-2010

Serothy Ramachandran, 2008-2009

Paul Sidhu, 2007-2008

ROP 299 Supervisions:

Monica Brondholdt Sorensen, 2017-2018

Ekaterina Mizorkhi and Sonia Ralston, 2014-2015

Carole Fischer, Fall 2008

MA Supervisions:

Katarina Gligorijevic, Major Research Paper Committee Member, Fall 2016

Taylor Brydges, Major Research Paper Committee Member, Fall 2013

MCIP Supervisions:

Lillian D'Souza, First Reader, Current Issues Paper, 2015-2016  
Kara Naklicki, Second Reader, Current Issues Paper, 2014-2015  
Alexandra Tranmer, Second Reader, Current Issues Paper, 2013-2014

PhD Supervisions:

Amy Cervenak, Internal-External Examiner, September 2017  
Kate Nelischer, Committee Member, 2016 -  
Brian Hracs, Internal-External Examiner, July 2010

**ADMINISTRATIVE POSITIONS**

**University of Toronto**

Member, Presidents International Council for India subcontinent (2017- )  
Member, School of Cities Steering Committee (2017-2018)  
Member, Centre for Community Partnerships Advisory Council (2017 - 2018)  
Member, Continuing Status Committee for Professor Teresa Kramarz (2017)  
Member, School of Cities Interim Working Group (2017)  
Member, Advisory Search Committee for the Director, Centre for Community Partnerships (2017)  
Member, University of Toronto Alumni Association Awards of Excellence Selection Committee (2016, 2017, 2018)  
Member, Innis College Residence Committee, 2017  
Member, University of Toronto Undergraduate Research Working Group (2015-2017)  
Member, Centre for Civilizations, Cultures and Cities Project Planning Committee (2016)  
Member, STEP Forward Committee, Faculty of Arts & Science (2015-2016)  
Member, STEP Forward Proposal Review Committee (2016)  
Member, Community Liaison Committee (2015 - )  
Member, School of Cities Steering Committee (2015 –2016)  
Member, Centre for Community Partnerships Advisory Committee (July 1, 2015-)  
Advisory Committee for Innis College Principal (2014-2015)

Innis College Council, Faculty Representative (2007-2009, 2010-2011, 2014-2015, 2016-2017)

Innis College Council, Academic Affairs Committee, Member (2014-2015, 2016-2017)

Innis College Council, Community Affairs Committee, Member (2014-2015, 2016-2017)

Faculty of Arts and Science Council, Innis College Representative (2006-2011, 2012-2014)

Daniels Centre for Learning, Advisory Committee Member representing UofT (2012-2014)

Search committee member, new faculty position in Urban Studies, 2012-2013

Organizing committee member, Talking about cities: An undergraduate research conference, 2012-2013

Hiring committee for Urban Studies CLTA, 2011

Moderator, Academic Affairs Committee, Innis College Council, 2010-2011

University of Toronto, Regent Park Learning Exchange Program, Steering Committee Member (2007-2012)

Regent Park Learning Exchange Program, Service Learning Sub-Committee Member (2010-2011)

Search Committee for Innis College Principal, 2010

Regent Park Centre of Learning, Service Learning Sub-Committee Member

Academic Affairs Committee, Innis College Council (2008-2009)

Hiring Committee for Director of Urban Studies, Committee Member, June 2008

Community Affairs Committee, Innis College Council (2007-2008)

Innis College Library Committee, Urban Studies Representative (2005-2006)

**Other:**

Co-Chair – Local Host Committee, Urban Affairs Association Annual Conference (2017-2018)

Mentee, DiverseCity Fellows Program, Civic Action, (2017-2018)

Member, City of Toronto TOCore Leaders Group (2016 - 2017)

Member, Toronto's Vital Signs Advisory Group, Toronto Foundation (2015, 2016, 2017)

Director, Harold Innis Foundation, Board Member (2014- )

Member, Advisory Committee, TD Centre of Learning in Regent Park (2014-2015)

Vice Chair & Member, Advisory Committee, Regent Park Centre of Learning (2012-2013)

Member, Education Committee, Bialik Hebrew Day School (2011-2012)

Vice-Chair, Education Committee, Board of Directors, Bialik Hebrew Day School (2010-2011)

Director, Board of Directors, Bialik Hebrew Day School (2009-2011)

**Article Manuscript Reviewer:**

Environment and Planning A, Studies in Higher Education, Industry and Innovation, Urban Studies, Community Development, Journal of Poverty, Review of Policy Research

**Book Proposal Reviewer:**

Palgrave UK, Macmillan Publishers, Earthscan Publishing

**Research Proposal Reviewer:**

Social Sciences and Humanities Research Council

**Media**

- 2017 Interviewed by BBC World Business Report, NY Times, Metro News, CBC News, CBC Cross Country Checkup, CBC On the Money, UofT News, UofT Magazine, Maclean's Magazine, The Medium, CTV News, The Toronto Star, The Globe & Mail, Canadian Press, The Varsity Newspaper, The Varsity Magazine, University Affairs Magazine, Spacing Magazine
- 2016 Interviewed by The Globe & Mail, The Toronto Star, Metro News, Yonge Street Magazine, UofT Magazine, UofT News, The Varsity Newspaper
- 2015 Interviewed by UofT News, Faculty of Arts & Science news, Politalks tv show, Beyond the Headlines radio show.
- 2014 Interviewed by The Varsity Newspaper, Czech TV- Nova Vize
- 2013 Interviewed by CBC Radio, Huffington Post Canada, co-wrote Op Ed (with Amrita Daniere) in The Toronto Star, UofT Alumni Magazine
- 2012 Interviewed by CTV news, quoted in Inside Toronto newspaper
- 2011 Co-wrote Op Ed in Toronto Star (with Kevin Stolarick and Eric Miller), Interviewed by Ryerson Review of Journalism, Yonge Street Magazine
- 2010 Interviewed by The Toronto Star, The Bulletin

Breznitz, Shiri M.

**SHIRI M. BREZNITZ**  
ASSOCIATE PROFESSOR  
THE MUNK SCHOOL OF GLOBAL AFFAIRS  
UNIVERSITY OF TORONTO

315 Bloor west  
Toronto, Ontario, M5S 3K7 Canada

416-946-5225  
[shiri.breznitz@utoronto.ca](mailto:shiri.breznitz@utoronto.ca)

## **EDUCATION**

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### **UNIVERSITY OF CAMBRIDGE, UK**

DEPARTMENT OF GEOGRAPHY  
PHD, 2008

### **UNIVERSITY OF MASSACHUSETTS, LOWELL**

DEPARTMENT OF REGIONAL ECONOMIC & SOCIAL DEVELOPMENT  
MASTER OF ARTS, 2000

### **HEBREW UNIVERSITY, ISRAEL**

DEPARTMENT OF GEOGRAPHY  
DEPARTMENT OF POLITICAL SCIENCE  
BACHELOR OF ARTS, 1996

## **ACADEMIC APPOINTMENTS**

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### **UNIVERSITY OF TORONTO, TORONTO, CANADA**

MUNK SCHOOL OF GLOBAL AFFAIRS  
ASSISTANT PROFESSOR (JULY 2013 – JUNE 2016)  
ASSOCIATE PROFESSOR (JUNE 2016 – PRESENT)

### **GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**

SCHOOL OF PUBLIC POLICY  
Assistant Professor (January 2009 – June 2013)

### **UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC**

DEPARTMENT OF PUBLIC POLICY  
Post Doctorate Fellow (August 2008 – December 2008)

### **UNIVERSITY OF GEORGIA, ATHENS, GA**

INSTITUTE OF HIGHER EDUCATION  
Post Doctorate Fellow (October 2007 – July 2008)

## **FELLOWSHIPS AND ACADEMIC ASSOCIATIONS**

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### **GEOGRAPHY COMPASS JOURNAL**

Editor Economic Geography (January 2016 – Present)

### **INNOVATION POLICY LAB, TORONTO, CANADA**

Senior Faculty Associate (July 2013 – Present)

### **COLLEGIO CARLO ALBERTO &**

### **DEPARTMENT OF ECONOMICS S. COGNETTI DE MARTIIS, UNIVERSITÀ DI TORINO, TORINO, ITALY**

Visiting Research Fellow (September 2012 – August 2013)

**GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**  
ADVANCE NETWORK FOR WOMEN FACULTY  
Research Affiliate (2009 - 2014)

**GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**  
SCIENCE, TECHNOLOGY, AND INNOVATION POLICY PROGRAM  
Visiting Research Associate (2005 – 2007)

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MA**  
INDUSTRIAL PERFORMANCE CENTER  
Research Affiliate (2003 – 2013)

## **PUBLICATION**

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### **Book:**

Breznitz, S. M., and H. Etzkowitz Editors. **University Technology Transfer: The Globalization of academic innovation.** Routledge press. September 2015.

Breznitz, S. M., ***Fountain of Knowledge? The Role of Universities in Economic Development.*** Stanford University Press. July 2014.

### **Journal Articles:**

#### ***Referred:***

Breznitz, S. M. and Noonan, D. S., 2014. "Arts Districts, Universities, and the Rise of Media Arts." *Journal of Technology Transfer.* 39 (4): 594-615.

Breznitz, S. M., 2013. "Cluster sustainability: The Israeli Life-Science Industry." *Economic Development Quarterly.* 27 (1): 30-40.

Breznitz, S. M., and M. P. Feldman., 2012. "The Engaged University." *Journal of Technology Transfer.* 37 (2): 139-157.

Breznitz, S. M., and M. P. Feldman., 2012. "The Larger Role of the University in Economic Development Introduction to the Special issue." *Journal of Technology Transfer.* 37 (2): 135-138.

Breznitz, S. M., 2011. "Improving or impairing? Following technology transfer changes at the University of Cambridge." *Regional Studies.* 45 (4): 463-478.

Breznitz, S. M., R. O'Shea, and T. Allen., 2008. The Role of Research Universities in the Development of Regional Bioclusters: A Study of MIT and Yale Commercialization Strategies. *Journal of Product Innovation Management.* 25 (3): 129-142.

Breznitz, S. M., 2007. "From Ivory Tower to Industrial promotion: The Development of the Biotechnology Cluster in New Haven, CT." *Revue d'Economie Industrielle.* n°120, 4eme trimestre, 115-134.

Breznitz, S. M., and W. Anderson., 2006. "Boston Metropolitan Area Biotechnology Cluster." *The Canadian Journal of Regional Science.* 28 (2): 249-264.

#### ***Others:***

Breznitz, S. M., 2006. "Manufacturing Biotechnology in Massachusetts." *MassBenchmarks.* 8 (1): 26-30.

### **Edited Journals:**

Breznitz, S. M., and M. P. Feldman Eds. 2012. "The Larger Role of the University in Economic Development Special issue." *Journal of Technology Transfer*. 37 (2).

**Book Chapters:**

Breznitz S. M. and Clayton, P. A. 2015. "One City, Three Universities, Multiple Models of Economic Impact." In David B. Audretsch and Mary L. Walshok, editors *Oxford Handbook of Local Competitiveness*. Oxford University Press. September 2015.

Baker, P.M.A., Breznitz, S., Seavey, A., and Bujak, K. 2015. "21st Century Universities as Drivers for Innovation: The Dimensions of Learning, Research, and Collaboration," in Ulrich Hilpert (ed), *Handbook On Politics and Technology*. Routledge. Forthcoming October 2015.

Breznitz S. M. 2014. "From ivory tower to industrial promotion: The case of Yale University and the biotechnology cluster in New Haven." In Thomas J. Allen , Rory P. O'Shea, editors *Building Technology Transfer within Research Universities, An Entrepreneurial Approach*. Cambridge University Press.

Breznitz, S. M., and Ram, N. 2013. "Enhancing Economic Growth? University Technology Commercialization," David B. Audretsch and Mary L. Walshok, editors, *Creating Competitiveness*. Edward Elgar.

Noonan S. D., and S. M. Breznitz. , 2013 "Arts Districts, Universities, and the Rise of Media Arts," in Michael Rushton, editor, *Creative Communities: Art Works in Economic Development*. Brookings Institution Press.

Feldman, P. M.,. and S. M. Breznitz., 2009. "The American Experience in University Technology Transfer," in Maureen McKelvey Magnus Holm, editors, *Learning to Compete in European Universities: From Social Institution to Knowledge Business*. Edward Elgar Press.

**Book Review:**

Breznitz, S. 2015. Review of Walshok, Mary Lindenstein and Shragge, Abraham J. *Invention & Reinvention: the Evolution of San Diego's Innovation Economy*. (Stanford University Press 2014). *Economic Geography*. 91 (1): 117-118.

**Working Papers:**

Breznitz, S., A. Tahvanainen., and E. Tutkimuslaitos., 2010. "Cluster Sustainability in Peripheral Regions: A Case Study on Israel's and Finland's Biotechnology Industries." *Research Institute of the Finnish Economy*.

Breznitz, S. M., 2009. "Are One Track Pony Clusters Sustainable? The Israeli Biotechnology Industry." *Industry Studies Association Working Paper Series*. Number WP-2009-6.

Breznitz, S. M., 2005. "From Ivory Tower to Industrial Promotion: The Case of Yale University and the Biotechnology Cluster in New Haven, Connecticut." *Shmuel Neeman Institute for advanced Studies, Technion, Israel*. STE – WP 28.

Breznitz, S. M., and W. Anderson., 2004. "Boston Metropolitan Area Biotechnology Cluster." *Center for Transportation Studies Boston University*. WP # CTS2004E.

**AD-HOC JOURNAL REVIEWER**

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- International Journal of Technology Management
- Journal of Product Innovation Management
- Journal of Science and Public Policy
- Economic Geography



- The Canadian Journal of Urban Research
- Research Policy
- Journal of Business Venturing
- Journal of Product Innovation Management
- Journal of Technology Transfer
- Journal of Small Business Management
- Environment and Planning C: Government and Policy

## PRESENTATIONS

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April 2016. *Spurring Local Economic Growth through Universities, Arts Districts, and Digital Media – The Canadian Case*. Creating Digital Opportunity, SSHRC Grant Third Annual Network Conference University of Saskatchewan, Saskatoon SK.

March 2016. *Patterns and Determinants of Intraorganizational Tie Formation among Company-Members of an Entrepreneurial Community*. Association of American Geographers Annual Meeting, San Francisco, CA.

January 2016. *Planting the Seed to Grow Local Creative Industries: Cultural Districts' and Arts Schools' Impacts on Supply and Demand*. 3rd Geography of Innovation Conference. Toulouse, France.

September 2015. *Patterns and determinants of interorganizational (network) tie formation among company-members of an entrepreneurial community*. The Atlanta Conference on Science and Innovation Policy. Atlanta, GA.

June 2015. *The Fountain of Knowledge*. Ministry of Economic Development, Employment and Infrastructure Knowledge Forum Session.

May 2015. *University Technology Transfer- The Globalization of Academic Innovation*. Regional Studies Association Annual Meeting. Piacenza, Italy. Paper Presenter and Session Convener.

April 2015. *University Technology Transfer- The Globalization of Academic Innovation*. American Association of Geographers Annual Meeting. Chicago, IL. Paper Presenter and Session Convener.

April 2015. *Public Goods in a Time of Crisis*. American Association of Geographers Annual Meeting. Chicago, IL.

March 2015. *The Fountain of Knowledge*. University of Georgia, Athens. Geography Department.

April 2014. *One City, Three Universities: The Impact of the 2008 Economic Crisis on Research Output*. American Association of Geographers Annual Meeting. Tampa, FL.

March 2014. *The Role of Universities in promoting Innovation*. The Halbert Center, the Hebrew University, Jerusalem, Israel.

November 2013. *Art Districts, Universities, and the Role of Digital Media*. The 2013 Technology Transfer Society (T2S) Meetings. Bergamo, Italy.

October 2013. *The Fountain of Knowledge*. Science Education and Business Cooperation. St. Petersburg, Russia.

April 2013. *The Fountain of Knowledge*. National University of Ireland, Maynooth and University College Dublin. Dublin, Ireland.

November 2012. *Hitting the Target: Testing Technology Commercialization Factors*. LEI & BRICK University of Torino – Collegio Carlo Alberto. Torino, Italy.

November 2012. *Arts Districts, Universities, and the Rise of Media Art*. Forum at the Institute of Space & Economy. Seoul, Korea.

November 2012. *Find the Differences: Industrial Agglomeration vs. Clusters*. Department of Geography, Seoul National University.

July 2012. *Hitting the Target: Testing Technology Commercialization Factors*. International Political Science Association. Madrid, Spain.

April 2012. *Arts Districts, Universities, and the Rise of Media Art*. Making a Quantum Leap in Technology Transfer Conference. The Johns Hopkins Carey Business School. Baltimore, MD.

March 2012. *Enhancing Economic Growth? University Technology Commercialization*. Munk School of Global Affairs, University of Toronto. Toronto, Canada.

February 2012. *Industrial Agglomeration vs. Clusters - "Real" Communication or is it all "in the air"?* American Association of Geographers. New York, NY.

December 2011. Strategic Management of Places Conference. San Diego, CA.

September 2011. *Cluster Sustainability: The Israeli Life-Science Industry*. Academic Entrepreneurship Workshop. Donostia- San Sebastián, Spain.

April 2011. *Separating the Head from the Body?* American Association of Geographers. Seattle, WA.

February 2011. *The Engaged University*. The Federal Deposit Insurance Corporation (FDIC). Atlanta, GA.

December, 2010. *From Idea to Marketplace-Knowledge Management Processes*. International Economic Development Council Annual Training: Technology-Led Economic Development. Atlanta, GA.

November 2010. *Industrial Agglomeration vs Clusters – Sustainability in question*. The 2010 Technology Transfer Society (T2S) Meetings. Washington D.C.

November 2010. *Cluster Sustainability: Israel and the Biotechnology Industry*, The 2010 APPAM Fall Conference. Boston, Massachusetts.

February 2010. *Cluster Sustainability in Peripheral Regions: Israel and Finland's Biotechnology Industry*. National University of Ireland, Galway. Galway, Ireland.

April 2009. *New Measures: Universities and Their Local Region*. Workshop on Exploring the Role of the University in Economic Development. University of North Carolina, Chapel Hill. Workshop Convener and Paper Presenter.

March 2009. *The Engaged University* Session on Beyond Spinoff: The Role of the University in

Regional Economic Development. American Association of Geographers Annual Meeting. Las Vegas, NV. Paper Presenter and Session Convener.

February 2009. *Biotechnology Clusters: Regional or Global?* University of California Berkeley, CA

November 2008. *Are Our Clusters Sustainable?* Regional Science Association International. Brooklyn, NY.

November 2007. *Are One Molecule Companies a Sustainable Industry? The Case of the Israeli Biotechnology Industry.* Regional Science Association International. Savannah, GA.

October 2007. *Is Technology Transfer Enough?* The 2007 Technology Transfer Society (T2S) Meetings. Palm Desert, CA.

August 2007. *University Commercialization Strategies in the Development of Regional Bioclusters.* Academy of Management. Philadelphia, PA.

June 2007. *The University as a Regional Development Agent.* Helsinki University of Technology Conference on Industry Dynamics and Innovation Systems. Helsinki, Finland.

April 2007. *How Do Power Struggles Impact the Technology Transfer Ability of the University? Reflections from Cambridge, UK.* American Association of Geographers. San Francisco, CA.

November 2006. *More Active, Less Effective? University Policy and the Biotechnology Industry in Cambridge, UK.* Regional Studies Association. London, UK.

November 2006. *The Role of Research Universities in the Development of Regional Bioclusters: A Study of Yale University and MIT Commercialization Strategies.* 2006. Kauffman Foundation and IEI Research Conference on Technology Commercialization and Entrepreneurship. Kansas City, MO.

September 2006. *University Policy and the Biotechnology Industry in Cambridge, UK.* Panel on University, Entrepreneurship and the Firm: Academia and Economic Development. Technology Transfer Society. Atlanta, GA. Paper Presenter and Panel Convener.

August 2006. *The Creative University.* Session: Economies of Enterprise, Innovation and Creativity. The Royal Geographical Society. London, UK.

August 2006. *Transforming a University – Transforming a Region.* Symposium: Building Technology, Technology Transfer within Research Universities. Academy of Management. Atlanta, GA.

March 2006. *The University in the Knowledge Economy.* American Association of Geographers. Chicago, IL.

February 2006. *Universities as Social Agents.* The Institute of Higher Education, University of Georgia. Athens, GA.

November 2005. *The University as a Regional Development Agent: Cambridge, Yale, and the Biotechnology Clusters.* Innovations in Economic Development Forum, the Georgia Tech School of Public Policy and Georgia Tech Economic Development and Technology Ventures. Atlanta, GA.

September 2005. *The University as a Regional Development Agent: Cambridge, Yale, and the Biotechnology Clusters.* Technology Transfer Society Annual Conference. Kansas-City, MO.

March 2004. *From Ivory Tower to Industrial Promotion: The Case of Yale University and the Biotechnology Cluster in New Haven, Connecticut*. American Association of Geographers. Philadelphia, PA.

#### **GRANTS, AWARDS, AND SCHOLARSHIPS**

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April 2016. Exploring the Role of the university – How do we measure impact and what should we measure? Principal investigator: Shiri Breznitz. Sponsor: University of Toronto Excellence Award in Social Science and Humanities (UTEA-SSH). Funding level \$6000.

August 2015. *Exploring the complexity of the contributions of research universities to society*. Principal investigator: Shiri Breznitz and Martin Kenney. Sponsor: NSF SciSip. Funding level \$85,501.

April 2015. Planting the Seed to Grow Local creative Industries. Principal Investigator: Shiri Breznitz and Douglas Noonan. Sponsor: SSHRCH SIG. Funding Level \$6291.

August 2014. *Creating Digital Opportunity: Canada's ICT Industry in Global Perspective*. Principal investigator: David Wolfe. Role: Investigator. Sponsor: SSHRC Partnership Grant. Funding level \$5,000,000 (CAD).

April 2013. *Cluster Evolution: geographical concentration or economic impact*. Principal Investigator: Shiri Breznitz. Sponsor: Collegio Carlo Alberto, Torino, Italy. Funding level €10,000.

January 2012. *Mainstreaming Public Health in the Bloomberg Administration*. Principal investigator: Kim Isett. Role: Investigator. Sponsor: Robert Wood Johnson foundation (Columbia University). Funding level \$82,000.

October 2011. *Case Studies of Best Practices in Foreign Direct Investment and Exporting based on Regional Industry Cluster Capabilities*. Principal investigators: Jan Youtie and Alfie Meek. Role: Investigator. Sponsor: Economic Development Administration (EDA), U.S. Department of Commerce (DOC). Funding level \$332,006.

May 2010. *University Science Parks: A Global Perspective*. Principal investigators: Shiri Breznitz. Sponsor: Georgia Institute of Technology Center for International Business Education & Research (GT CIBER). Funding level \$2500.

May 2010. *Cluster sustainability in small countries in the periphery of Europe: Israel and Finland's Biotechnology Industry*. Principal investigators: Shiri Breznitz. Sponsor: European Union Center for Excellence, Georgia Institute of Technology. Funding level \$2500.

April 2010. *Cluster sustainability in small countries in the periphery of Europe: Israel and Finland's Biotechnology Industry*. Principal investigators: Shiri Breznitz. Sponsor: Georgia Institute of Technology (ISERF).

July 2005. The Cambridge Political Economy Society Trust Scholarship, Cambridge Journal of Economics.

December 2004. The Samuel Neaman Institute for Advanced Studies.

August 2004. Worts Travelling Scholars Award.

July 2004. The Cambridge Political Economy Society Trust Scholarship. Cambridge Journal of Economics.

March 2004. The Philip Lake Fund II.

November 2003. Pillman Scholarship.

October 2003. ORS Award.

October 2003. Cambridge Overseas Trust Fees Scholarship.

May 2000. Alan D. and Susan Lewis Solomont Fund.

## **RESEARCH PROJECTS, WORKSHOPS, AND PROFESSIONAL REPORTS**

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- 2012 **THE SUMMER INSTITUTE IN ECONOMIC GEOGRAPHY**  
COMPETITIVE WORKSHOP IN ECONOMIC GEOGRAPHY  
Fellow
- 2008 **THE ANDREW W. MELLON FOUNDATION**  
DEPARTMENT OF PUBLIC POLICY, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL  
Post-Doctorate Researcher, TTO Structure, Scope and Resources
- 2007 **THE US-ISRAEL SCIENCE AND TECHNOLOGY COMMISSION  
AND THE ISRAEL OFFICE OF THE CHIEF SCIENTIST**  
THE SAMUEL NEAMAN INSTITUTE, TECHNION  
Researcher, Vision & Strategy for Israel in the next 25 Years
- 2003 **DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CAMBRIDGE**  
Research Assistant, The Regional Impact of the Information Society on  
Employment and Integration (RISESI)
- 2002 **INDUSTRIAL PERFORMANCE CENTER (IPC),**  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)  
Researcher, Local Innovation and Globalization Projects
- 2001 **HUNT ALTERNATIVE FUND**  
Researcher, Democratic Literacy Project
- 1998 **DEPARTMENT OF REGIONAL ECONOMIC & SOCIAL DEVELOPMENT**  
UNIVERSITY OF MASSACHUSETTS, LOWELL  
Research Assistant, Innovation and Organizational Learning Project in the Telecom Industry
- 1999 **THE LABOR EXTENSION PROGRAM**  
UNIVERSITY OF MASSACHUSETTS, LOWELL  
Research and Technical Assistant, Mapping unionized and non-unionized industries

## **TEACHING EXPERIENCE**

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- Fall 2013 - Present **MUNK SCHOOL OF GLOBAL AFFAIRS**  
University of Toronto  
MUN102H1S: Global Innovation II: Challenges and Solutions

GLA2999H: Global Solving Lab (capstone)  
GLA2014H: Innovation and Economic Development

Fall 2009 – 2012

**SCHOOL OF PUBLIC POLICY**  
GEORGIA INSTITUTE OF TECHNOLOGY  
Task Force (Bachelor's capstone course) PUBP 4010 and PUBP 4020  
Economic Development Policy and Planning PUBP 4260  
Regions, Technology, and Policy PUBP 6417

Michaelmas 2004

**DEPARTMENT OF GEOGRAPHY**  
UNIVERSITY OF CAMBRIDGE  
Supervisor, Understanding the Economy: Contemporary Geographies of  
Capitalism

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#### **MILITARY SERVICE**

1991-1993

Research Diagnostician - Israeli Navy

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#### **LANGUAGES**

Fluent in English and Hebrew; proficient in Romanian; and basic knowledge in Arabic

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#### **PROFESSIONAL MEMBERSHIP**

*Industry Studies Association (ISA)*  
*Academy of Management (AOM)*  
*Technology Transfer Society (T2S)*  
*American Association of Geographers (AAG)*  
*Regional Studies Association (RSA)*  
*International Political Science Association (IPSA)*

**Buliung, Ronald N.**

## CURRICULUM VITAE

### Ronald N. Buliung

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#### **A. BIOGRAPHICAL INFORMATION**

##### 1. PERSONAL

###### **Home Address**

300 Durie Street  
Toronto, ON, CAN  
M6S 3G3  
Tel: 416.536.0433

###### **University Address**

Department of Geography  
University of Toronto at Mississauga  
3359 Mississauga Road North, Rm. 3104  
Mississauga, ON, CAN  
L5L 1C6  
Tel: 905.569.4419  
E-mail: ron.buliung@utoronto.ca

##### 2. DEGREES

- Ph.D.**            2004    School of Geography and Geology, McMaster University, Hamilton, Canada. Dissertation: Data Organization and the Design of Measures for Exploration and Analysis of Household Activity/Travel Behaviour, Supervisor: P.S. Kanaroglou
- M.A.**            1997    Department of Geography, McMaster University, Hamilton, Canada. Thesis: The Commute to Work in the Greater Toronto Area, Supervisor: P.S. Kanaroglou
- B.A. (Hons.)**    1993    Department of Geography, McMaster University, Hamilton, Canada. Thesis: Network Analysis of the Hamilton Street Railway Transit System, Supervisor: S. Reader

##### 3. EMPLOYMENT

*Primary Unit:* Department of Geography, University of Toronto at Mississauga

*Rank:* Professor

*Date of Appointment as Assistant Professor:* January, 2006

*Date of Appointment to Graduate School:* January, 2006

*Date of Promotion to Associate Professor:* July 1, 2011

*Date of Promotion to Full Professor:* July 1, 2015

###### **3.1 Present Appointments**

**Department of Geography &  
Program in Planning**  
University of Toronto



*Full Member*  
Graduate Faculty January 2006 –  
**Cities Centre**  
University of Toronto  
*Research Associate* January 2008 – 2010

**Knowledge Media Design Institute**  
University of Toronto  
*Faculty Member* December 2006 –

**Faculty of Graduate Studies** March 2008 – June 2013  
Wilfred Laurier University  
*Associate Member*

### 3.2 Past Appointments

**Department of Civil Engineering**  
University of Toronto  
*Adjunct Assistant Professor (status only)* January 2005 – December 2007

**Department of Civil Engineering**  
University of Toronto  
*Associate Member*  
Graduate Faculty January 2005 – December 2007

**Department of Civil Engineering**  
**Joint Program in Transportation**  
University of Toronto  
*Postdoctoral Fellow (NSERC)* January 2005 – December 2005

## 4. HONOURS

- 2015 Outstanding Contributions and Rewarding Exceptional Merit in Smaller Units, University of Toronto Mississauga.
- 2013 Certificate of excellence in reviewing, Journal of Transport Geography, Elsevier (pub.)
- 2013 Best Poster (co-author), Auto21 Annual Conference (May 22-23)
- 2013 Appointed to International Editorial Board, Journal of Transport Geography
- 2009 Dean's Special Merit Award, Research
- 2009 Re-elected Vice-Chair, Transport Geography Specialty Group, Assoc. Amer. Geog.
- 2009 Appointed, Editor, Urban Section, Canadian Journal of Transportation
- 2009 Appointed, Member, Provincial Advisory Committee, Ontario Communities walkON
- 2008 Elected Vice-President (external), Canadian Transportation Research Forum (CTRF)
- 2008 Elected Vice-Chair, Transport Geography Specialty Group, Assoc. Amer. Geog.
- 2008 Elected Committee Member, Transportation Research Board of the National Research Council (US) – Committee on Geographic Information Science (ABJ560), 2008-2011
- 2006 Elected *Ontario Councillor*, Canadian Regional Science Association (CSRA)
- 2006 Elected *Officer*, Transportation Geography Specialty Group (TGSG), Association of American Geographers (AAG), 2006-2008.

- 2005 Best overall paper, 40<sup>th</sup> Annual Meeting of the Canadian Transportation Research Forum, May 8<sup>th</sup> – 11<sup>th</sup> (1500.00)
- 2005 Best paper directly relevant to the conference theme, 40<sup>th</sup> Annual Meeting of the Canadian Transportation Research Forum, May 8<sup>th</sup> – 11<sup>th</sup>

## 5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

### Affiliations:

- *International Editorial Board – Journal of Transport Geography*
- *Editor (Urban Transportation) – Canadian Journal of Transportation (completed)*
- *Vice President (external) – Canadian Transportation Research Forum (completed)*
- *Vice Chair, AAG – Transport Geography Specialty Group (completed)*
- *Officer, AAG – Transport Geography Specialty Group (completed)*
- *Member, Transportation Research Board, Geographic Information Science Committee*
- *Councillor, Canadian Transportation Research Forum (completed)*
- *Member, Canadian Regional Science Association (CRSA)*
- *Councillor, Canadian Regional Science Association (completed)*
- *Member, Canadian Association of Geographers (CAG)*
- *Member, Association of American Geographers (AAG)*
- *Member, North American Regional Science Association*
- *Member, Canadian Transportation Research Forum*
- *Ex-officio board member and academic advisor – Smart Commute Mississauga*
- *Friend, Transportation Research Board, Traveller Behavior and Values Committee*

### Referee Work:

#### Manuscript Reviewer (number of articles in brackets)

Computers & Geosciences (1), Environment and Planning A (8), Environment and Planning B (1), Environment and Planning D (1), Journal of Geographical Systems (2), Transportation Research Board (2, co-reviewed; 8 independent), Journal of Transport Geography (29), The Canadian Geographer (2), Transport Reviews (1), The Canadian Journal of Transportation (2), Canadian Journal of Urban Research (4), Professional Geographer (2), World Congress on Transportation Research (1), Tijdschrift voor Economische en Social Geografie (1), Computers, Environment and Urban Systems (2), IATBR(22), International Journal of Urban and Regional Research (1), Annals of the Association of American Geographers (1), Transportation (13), Preventive Medicine (9), American Journal of Public Health (1), American Journal of Preventive Medicine (7), Geografiska Annaler Series B Human Geography (1), International Journal of Behavioral Nutrition and Physical Activity (1), Journal of School Health (4), Canadian Journal of Public Health (1), Health and Place (1), The Geographical Journal (1), Transportation Research Record (60), Journal of Transport and Health (4).

#### Research Proposals

- MITACS Accelerate Research Program (2015)
- Ontario Graduate Scholarship, Planning and Development Committee (2011)
- Social Sciences and Humanities Research Council of Canada (SSHRC), Standard Research Grant referee (2010, 2011).
- Centre for Urban Health Initiatives (CUHI), Seed Grant Program, University of Toronto, grant referee (2009).
- Natural Sciences and Engineering Research Council of Canada, Discovery Grant Program, grant referee (2008).

- Nova Scotia Health Research Foundation (NSHRF), Collaborative Health Research Project (CHRP) Grant, grant referee (2008).
- Human Resources and Social Development Canada (HRSDC), Policy Research Directorate, “Spatial Mismatch in Canadian Communities: The Socio-economic Outcomes of Transportation Infrastructure and Transportation Access” (2008).
- National Centre for Metropolitan Transportation Research (METRANS), University of Southern California, grant reviewer, Annual Request for Proposals (2006).

## **B. ACADEMIC HISTORY**

### **6.A RESEARCH ENDEAVOURS**

<b>Research Area</b>	<b>Activities</b>
Transportation Geography and Spatial Analysis	2007-present <i>Childhood, mobility, city and regional planning and health:</i> This work explores themes including mobilities in childhood, the relationship between transportation in childhood and health, and the relationship between active school transportation and the built environment. The Heart and Stroke Foundation of Canada (HSFC) and the Canadian Institutes of Health Research (CIHR) have provided research funding (\$401,435.00, Buliung/Faulkner CO-PI), alongside Metrolinx, the regional transportation planning agency for the Greater Toronto and Hamilton Area (\$95,000.00 since 2013, Buliung PI).
	2008-2014 <i>Geospatial Technology for the Analysis of Human Activities and Environmental Change in Canadian Cities and Metropolitan Regions.</i> NSERC funded Discovery Grant to support GIS software development and policy-based research aimed at understanding the travel demand response of individuals to contemporary transportation and land use planning strategies. (\$91,500.00, Buliung PI)
	2008-2012 <i>Wired Cities, New Mobility and the Sustainability of Activity-Travel Behaviour.</i> SSHRC funded Operating Grant to support research into the relationship between information and communication technology, the spatiotemporal organization of daily life and sustainable development. (\$66,730.00, Buliung PI)
	2008-2009 <i>Advancing Coastal Hazard Assessment with Satellite Geodesy (gCOAST).</i> GEOIDE funded network grant targeting improvements in the measurement of environmental features through remote sensing. (\$50,000.00, G. Fotopoulos PI)
	2007 <i>Broadband Technology and Metropolitan Sustainability: An Interpretive Review.</i> Ministry of Government Services, Province of Ontario commission to report on the relationship between

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		information and communication technology and urban sustainability. (\$5,000.00, Buliung PI)
	2006-2008	<i>Power Retail, Growth Management, and Consumer Travel Demand in the Greater Toronto Area.</i> NEPTIS Foundation funded research into the relationship between retail innovation and the auto-orientation of daily life. (\$29,405.50, Buliung/Hernandez, CO-PI)
	2006-2009	<i>Understanding the Determinants of Carpool Formation and Use.</i> Working with the Smart Commute organization (now part of Metrolinx, the regional transportation planning authority of the Greater Toronto and Hamilton Area). Funded by Metrolinx (\$87,400 total Buliung PI)

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Medical/Health Geography	2010-present	<i>Study of Pedestrian Injury and Fatality in the City of Toronto.</i> Working with colleagues at Toronto's Hospital for Sick Children (SickKids), and funded by the CIHR – we have been studying the efficacy (harm reduction) of planning interventions as a means to reduce pedestrian-motor vehicle collisions. The work has focused on school transport but has since broadened to consider the impact of grade and barrier separated transit rights of way on collisions, speed bumps, and the efficacy of other built environment features as tools for harm reduction. (\$93, 928.00, A. Howard PI)
	2007-present	<i>Built Environment and Active Transportation (BEAT).</i> Heart and Stroke/CIHR funding to examine childhood mobility, health, and active transportation at the neighbourhood, regional and provincial scales. (\$401,435.00, Buliung/Faulkner CO-PI)

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## 6.B RESEARCH AWARDS

Funding Agency/Organization	Date(s)	Amount of Award (CAD)
Norman Saunders Complex Care Initiative Grant	2015-	\$17,000.00
Getting to School		
<b>Principal Applicant:</b> Buliung, R. With T. Ross and A. Howard		
CIHR: Team Grant: Intersectoral Prevention Research	2015-	\$49,973.00
The Built Environment and Active Transportation Safety in Children and Youth Human Development,		

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Child and Youth Health

**Principal Applicants:** B. Hegel, P. Fuselli, A. Howard

With **R. Buliung** and 16 others

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Metrolinx Research Grant	2015-	\$30,000.00
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Planning for Accessible School Travel

**Principal Applicant:** Buliung, R.

With T. Ross and T. Titchkosky

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RSAF UTM	2015-	\$10,000.00
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Understanding Geographies of Childhood Dis/Ability

**Principal Applicant:** Buliung, R.

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Metrolinx Research Grant	2014-2016	\$55,000.00
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Spatial-temporal exploration of journeys to work and school in the Greater Toronto and Hamilton Area 1986-2011

**Principal Applicant:** Buliung, R. (sole PI)

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Metrolinx Research Grant	2014-2015	\$65,000.00
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Accessibility overtime: Changes in levels of accessibility in Toronto and its impacts on mode choice between 1996, 2006 and 2011

**Principal Applicant:** El-Geneidy, A.

**With:** Buliung, R.

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Metrolinx Research Grant	2013-2014	\$40,000.00
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Children's Independent Mobility

**Principal Applicant:** Buliung, R. (sole PI)

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CIHR Dissemination Events: Winter 2012	2012-2013	\$24,959.00
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Project BEAT (Built Environment and Active Transport) Dissemination: Walking the BEAT. Competition. **Principal Applicant:** Faulkner, G.

**With:** Buliung, R., Mitra, R., & Stone, M.

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Canadian Institutes of Health Research – Operating Grant, Secondary Data Analysis	Oct. 2011- Oct. 2013	\$93,928.00
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“The effectiveness of pedestrian countdown signals in reducing pedestrian versus motor vehicle collisions” **Principal Applicant:** Dr. Andrew

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Howard (Hospital for Sick Children). <b>Participants:</b> Ron Buliung, Linda Rothman, Andrew Willan		
Metrolinx, Smart Commute	Jan. 2010 – April 2010	\$59,800.00
“Carpooling, Travel Demand Management, and Program Delivery”		
<b>Principal Applicant:</b> Buliung, R. (sole PI)		
Canadian Partnership Against Cancer Corporation, Coalitions Linking Action and Science for Prevention (CLASP)	Jan. 2010 – March 2012	\$2,400,000.00
<b>Principal Applicant:</b> Jacky Kennedy (Green Communities Canada). <b>Co-applicants:</b> Stephanie Hahn, Guy Faulkner, <b>Ron Buliung</b> , Catherine O’Brien, Richard Gilbert, Leslie Cook, Sandra Jones.		
Canadian Institutes of Health Research (CIHR)	Sept. 2009 - 2015	\$1,950,000.00
“CIHR Training Grant in Population Intervention for Chronic Disease Prevention: A Pan Canadian Program” <b>Principal Applicants:</b> Roy Cameron, Barbara Riley, Roberta Ferrence, Kim Raine, Carolyn Gotay, Ron Plotnikoff. <b>Co-Applicants:</b> 58 additional mentors, including ( <b>Buliung, R.N.</b> )		
Social Science and Humanities Research Council of Canada (SSHRC) Standard Research Grant	April 2009 – March 2012	\$158,995.00
“Automobility and Urban Canada: Politics, Spatial Mismatches, & Implications for Citizenship” ( <b>CO- APPLICANT, A. Walks: PI</b> )		
Metrolinx, Smart Commute	Jan. – April 2009	\$27,600.00
“Understanding Carpool Formation and Use: A Study of the Carpooling Behaviour of Smart Commute Respondents” (PI)		
<b>Principal Applicant:</b> Buliung, R. (sole PI)		
Transport Canada, ecoMOBILITY program	April 2009 – March 2012	\$989,500.00
“Stepping it up: School based TDB in the Greater Toronto and Hamilton Area” ( <b>Role:</b> Program Design and Evaluation)		

Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant	April 2008 – March 2014	\$91,500.00
“Geospatial Technology for the Analysis of Human Activities and Environmental Change in Canadian Cities and Metropolitan Regions”		
<b>Principal Applicant:</b> Buliung, R. (sole PI)		
Social Science and Humanities Research Council of Canada (SSHRC) Standard Research Grant	April 2008 – March 2013	\$66,730.00
“Wired Cities, New Mobility and the Sustainability of Activity-Travel Behaviour”		
<b>Principal Applicant:</b> Buliung, R. (sole PI)		
GEOIDE (Geomatics for Informed Decisions), Networks of Centres of Excellence	2008-2009	\$50,000.00
“Advancing Coastal Hazard Assessment with Satellite Geodesy (gCOAST)” (Fotopoulos – <i>Project Leader</i> , Buliung – <b>Network Investigator</b> )		
Heart and Stroke Foundation & Canadian Institutes of Health Research (CIHR): Built Environment, Obesity and Health Strategic Initiative.	2007-March 2012	\$401,435.00
“Built Environment and Active Transportation”		
<b>Principal Applicants:</b> (Faulkner, G. & Buliung, R. co-PIs)		
Canadian Institutes of Health Research (CIHR) LOI:	2007	\$10,000.00
“Tackling Health Impacts from Urban Air Pollution” ( <b>Team Grant</b> )		
Province of Ontario, Ministry of Government Services.	2007	\$5,000.00
“Broadband Technology and Metropolitan Sustainability”		
<b>Principal Applicant:</b> Buliung, R. (sole-PI)		
Project OS OA, University of Toronto	2006-2007	\$2,000.00
“Open Source Tools for Transportation Analysis and Modelling”		
<b>Principal Applicant:</b> Buliung, R. (sole-PI)		



NEPTIS Foundation	2006-2007	\$29,405.50
“Power Retail, Growth Management, and Consumer Travel Demand in the Greater Toronto Area”		
<b>Principal Applicants:</b> Buliung, R. & Hernandez, T. (co-PIs)		
Work Study	2006-2007	\$3,592.00
Connaught Start-up Award <i>University of Toronto</i>	2006-	\$10,000
Faculty Start-up <i>University of Toronto</i>	2006-	\$40,000
Post-doctoral Fellowship <i>Natural Science and Engineering Research Council of Canada (NSERC)</i>	2005 (1 year)	\$80,000
Joint Program in Transportation <i>University of Toronto</i>	2005 (1 year)	\$20,000
<b>Total</b>		<b>\$6,714,444.00</b>
<b>awards:</b>		

## **C. SCHOLARLY AND PROFESSIONAL WORK (complete list)**

*On each entry, authors are listed as published with the first author being the principal author.*

### **7. REFEREED PUBLICATIONS**

#### **A. Journal Articles**

Colley, M., **Buliung, R.** (accepted 2016). Gender differences in school and work commuting mode through the life cycle: Exploring trends in the Greater Toronto and Hamilton Area over time (1986-2011). *Transportation Research Record* DOI:10.3141/2598-12

Ravensbergen, L., **Buliung, R.**, Wilson, K., Faulkner, G. (accepted 2016). Socioeconomic Inequalities in Children’s Accessibility to Food Retailing: Examining the Roles of Mobility and Time. *Social Science and Medicine*, 153:81-89

Rothman L, Howard A, **Buliung R**, Macarthur C, Macpherson A. Dangerous student car drop-off behaviours and child pedestrian-motor vehicle collisions: An Observational Study. *Traffic Injury Prevention*, DOI: 10.1080/15389588.2015.1116041

Ravensbergen, L., **Buliung, R.N.**, Wilson, K., Faulkner, G. Socioeconomic discrepancies in children’s access to physical activity facilities: An activity space analysis. (2016) *Transportation Research Record*, 2598:11-18. DOI: 10.3141/2598-02

Legrain, A., **Buliung, R.**, El-Geneidy, A. (2016) Who, what, when, and where: Revisiting the influences of transit mode share. *Transportation Research Record* 2573:42-51. DOI is 10.3141/2537-05

El-Geneidy, A., **Buliung, R.**, Diab, E., van Lierop, Langlois, M., & Legrain, A. (2015). Non-stop equity: Assessing transit accessibility and social disparity over time. *Environment and Planning B: Planning and Design*. 43(3):540-560.

Legrain, A., **Buliung, R.**, El-Geneidy, A. (2016) Travelling fair: Targeting equitable transit by understanding job location, sectorial concentration, and transit-use among low-wage workers. *Journal of Transport Geography*. 53, 1-11.

Larsen K, **Buliung RN**, Faulkner GEJ. (2015). School travel: Assessing how the built and social environment relate to children's walking and independent mobility in the Greater Toronto and Hamilton Area. *Transportation Research Record*, 2513, 80-89.

Guliani, A., Mitra, R., **Buliung, R.N.**, Larsen, K., Faulkner, G.E.J. Gender-based differences in school travel mode choice behavior: Examining the relationship between the neighbourhood environment and perceived traffic safety. *Transport and Health*, 2(4): 502-11

Rothman L, Macpherson A, **Buliung R.**, To T, Macarthur C, Larsen K, Howard, A. Installation of speed humps and pedestrian-motor vehicle collisions in Toronto, Canada: a quasi-experimental study. *BMC Public Health*, 2015, 15:774. (7 pages)

Rothman L, Perry D, **Buliung R.**, Macarthur C, To T, Macpherson A, Larsen K, Howard A. Do school crossing guards make crossing roads safer? An analysis of 27,827 pedestrian collisions. *BMC Public Health*, 2015, 15:732. (7 pages)

Rothman L, **Buliung R.**, To T, Macarthur C, Macpherson A, Howard A . (2015) Associations between parents' perception of traffic danger, the built environment and walking to school. *Journal of Transport & Health* 2(3): 327-335.

Mammen, G., Stone, M., **Buliung, R.**, Faulkner, G. (2015). Putting school travel on the map: Facilitators and barriers to implementing school travel planning in Canada. *Journal of Transport and Health*. 2(3): 318-326.

Larsen, K., **Buliung, R.N.**, Faulkner, G.E.J. (accepted). School travel route measurement and built environment effects in models of children's school travel behaviour. *International Journal of Transportation and Land Use*.

Mitra, R., **Buliung, R.N.** (2015) Exploring differences in school travel mode choice between children and youth. *Transport Policy* 42: 4-11.

Faulkner, G., Mitra, R., **Buliung, R.**, Fusco, C., Stone, M. (2015) Children's outdoor playtime, physical activity, and parental perceptions of the neighbourhood environment, *International Journal of Play*, 4:1, 84-97.

Mammen, G. Stone, M., **Buliung, R.**, Faulkner, G. (2014) School Travel Planning in Canada: Identifying child, family, and school-level characteristics associated with travel mode shift from driving to active

school travel. *Journal of Transport and Health*. 1(4):288-294.

Twinomuhangi, R., **Buliung, R.**, Nakitto, M.T., Lett, R. (2014) Application of geographic information systems methodology to injury surveillance in Uganda. *International Research Journal of Medicine and Medical Sciences*. 2(2): 20-39.

Richmond, S.A., Rothman, L., **Buliung, R.**, Schwartz, N., Larsen, K., Howard, A. (2014) Exploring the impact of a dedicated streetcar right-of-way on pedestrian motor vehicle collisions: a quasi experimental design. *Accident Analysis & Prevention*. 71(October 2014): 222-227.

Mitra, R., and **Buliung, R.** (2014) The influence of neighbourhood environment and household travel interactions on school travel behaviour: An exploration using geographically-weighted models. *Journal of Transport Geography* 36: 69-78.

Rothman, L., Macarthur, C., To, Teresa, **Buliung, R.**, Howard, A. (2014) Motor vehicle-pedestrian collisions and walking to school: the role of the built environment. *Pediatrics* 33(5): 776-784.

Mitra, R., Faulkner, G., **Buliung, R.**, Stone, M. (2014) Do parental perceptions of the neighbourhood environment influence children's independent mobility? *Urban Studies* 51: 3401-3419.

Stone, M., Larsen, K., Faulkner, E.G., **Buliung, R.N.**, Arbour-Nicitopolous, K.P., Lay, J. (2014) Predictors of driving among families living within 2 km from school: Exploring the role of the built environment. *Transport Policy* 33: 8-16.

Mammen, G., Stone, M.R., Faulkner, G., Ramanathan, S., **Buliung, R.**, O'Brien, C., Kennedy, J. (2014) Active School Travel: An Evaluation of the Canadian School Travel Planning Intervention. *Preventive Medicine* 60: 55-59.

Stone, M., Mitra, R., Faulkner, G., **Buliung, R.** (2014) The freedom to explore: Examining the influence of independent mobility on weekday, weekend and after-school physical activity behaviour in children living in urban and inner-suburban neighbourhoods of varying socioeconomic status. *International Journal of Behavioral Nutrition and Physical Activity* 11(5). 11 pages

Rothman, L., **Buliung, R.**, Macarthur, C., To, T., Howard, A. (2014) Walking and child pedestrian injury: A systematic review of built environment correlates of safe walking. *Injury Prevention* 20: 41-49.

Rothman, L., To, Teresa, **Buliung, R.**, Macarthur, C., Howard, A. (2014) Influence of social and built environment features on children's walking to school: An observational study. *Preventive Medicine* 60(March): 10-15.

Faulkner, G., Stone, M., **Buliung, R.**, Wong, B., Mitra, R. (2013) School travel and children's physical activity: A cross-sectional study examining the influence of distance. *BMC Public Health* 13:1166. (9 pages)

Larsen, K., **Buliung, R.**, Faulkner, G. (2013) Safety and school travel: How does the environment along the route relate to safety and mode choice? *Transportation Research Record* 2327: 9-18.

Siddiqi, Z., and **Buliung, R.** (2013) Dynamic Ridesharing and Information and Communications Technology: The past, present, and future prospects. *Transportation Planning and Technology* 36(6) 479-498.

**Buliung, R.**, Larsen, K., Faulkner, G. (2013) The 'Path' Not Taken: Exploring Structural Differences in Mapped versus Network Shortest Path School Travel Routes. *American Journal of Public Health* 103(9) 1589-1596.

Fusco, C., Faulkner, G., Moola, F., **Buliung, R.**, and Richichi, V. (2013) Urban School Travel: Exploring Children's Qualitative Narratives about Their Trip to School. *Children, Youth & Environments* 23(3): 1-23.

Richmond, S., Willan, A.R., Rothman, L., Camden, A., **Buliung, R.**, Macarthur, C., Howard, A. (2012) The impact of pedestrian countdown signals on pedestrian-motor vehicle collisions: a reanalysis of data from a quasi-experimental study. *Injury Prevention* 18(4): 210-215.

Stone M.R., Faulkner E.J., **Buliung R.N.** (2013) How active are children in Toronto? A comparison with accelerometry data from the Canadian Health Measures Survey. *Chronic Disease and Injury in Canada* 33(2): 8 pages.

**Buliung, R.N.**, and Hernandez T. (2013) Retail Development in Urban Canada: Exploring the Changing Retail Landscape of the Greater Toronto Area (1996 - 2005). *International Journal of Applied Geospatial Research* 4(3): 32-48.

Mammen, G., Faulkner, G., **Buliung, R.**, Lay, J. (2012) Understanding the drive to escort: a cross-sectional analysis examining parental attitudes towards children's school travel and independent mobility. *BMC Public Health*. 2012, 12:862. (12 pages)

Stone, M., Faulkner, G., Mitra, R., **Buliung, R.** (2012) Physical activity patterns of children in Toronto: The relative role of neighbourhood type and socioeconomic status. *Canadian Journal of Public Health*. 103(3): 170-174.

**Buliung, R.**, Bui, R., Lanyon, R. (2012) When the Internet is not Enough: Toward an understanding of Carpool Services for Service Workers. *Transportation*. 39:877-893.

Lee-Gosselin M.E.H., **Buliung R.N.** (2012) The role of ICTs in the transformation and experience of travel. *Transportation* 39:873-876.

Arbour-Nicitopoulos, K., Faulkner E.J., **Buliung, R.N.**, Lay, J., Stone, M. (2012) The school run: Exploring carpooling as an intervention option in the Greater Toronto and Hamilton Area (GTHA), Canada. *Transport Policy* 21:134-140.

Camden, A., **Buliung, R.**, Rothman, L., Macarthur, C., Howard, A. (2012) The impact of pedestrian countdown signals on pedestrian-motor vehicle collisions: A quasi-experimental study. *Injury Prevention* 18(4): 210-215.

**Buliung, R.**, Sultana, S., Faulkner, G.F. (2012) Special section on child and youth mobility: current research and nascent themes. *Journal of Transport Geography*, 20(1): 31-33.

Mitra, R., and **Buliung, R.** (2012) Built Environment Correlates of Active School Transportation: Neighborhood and the Modifiable Areal Unit Problem. *Journal of Transport Geography*, 20(1): 51-61.

Fusco, C., Moola, F., Faulkner, G., **Buliung, R.**, Richichi, V. (2012) Toward an Understanding of Children's Perceptions of their Transport Geographies: (Non)Active School Travel and Visual Representations of the Built Environment. *Journal of Transport Geography*, 20(1): 62-70.

Wong, B., Faulkner, G.E., **Buliung, R.**, Irving, Hyacinth. (2011) Mode shifting in school travel mode: Examining the prevalence and correlates of active school transport in Ontario, Canada. *BMC Public Health*, Aug 3;11: 618 (12 pages).

**Buliung, R. N.** (2011) Wired People in Wired Places: Stories about Machines and the Geography of Activity. *Annals of the Association of American Geographers*, 101(6): 1365-1381.

Wong, B.Y.M., Faulkner, G., and **Buliung, R.** (2011) GIS measured environmental correlates of active school transport: A systematic review of 14 studies. *International Journal of Behavioral Nutrition and Physical Activity*, May 6; 8: 39 (22 pages).

**Buliung, R.**, Faulkner, G., Beesley, T., and Kennedy, J. (2011) School Travel Planning: Mobilizing School and Community Resources to Encourage Active School Transportation. *Journal of School Health*, 81(11): 704-712.

Arbour-Nicitopoulos, Faulkner, G.E.J., **Buliung, R. N.**, Stone, M. (2011) Parental Awareness of School Travel Programs. *Preventive Medicine*, 52: 281-281.

Mitra, R., **Buliung, R.**, and Roorda, M. J. (2010) The built environment and school travel mode choice in Toronto, Canada. *Transportation Research Record*, 2156: 150-159.

**Buliung, R. N.**, Soltys, K., Bui, R., Lanyon, R., and Habel, C. (2010) Catching a Ride on the Information Super-Highway: Toward an Understanding of Internet-based Carpool Formation and Use. *Transportation*, 37(6): 849-873.

Faulkner, G., Richichi, V., **Buliung, R.**, Fusco, C., Moola, F. (2010) What's "Quickest and Easiest?": Parental decision making about school trip mode. *International Journal of Behavioral Nutrition and Physical Activity (IJBNPA)*, 7(62): 1-11.

Mitra, R., **Buliung, R. N.**, and Faulkner, G. (2010) Spatial clustering and temporal mobility of walking school trips in the Greater Toronto Area, Canada. *Health and Place*, 16(4): 646-655.

**Buliung, R. N.**, Soltys, K., Habel, C., and Lanyon, R. (2009) Driving factors behind successful carpool formation and use. *Transportation Research Record*, 2118, 31-38.

**Buliung, R. N.**, Mitra, R., and Faulkner, G. (2009) Active school transportation in the Greater Toronto Area, Canada: An exploration of trends in space and time (1986-2006). *Preventive Medicine*, 48, 507-512.

Faulkner, G., **Buliung, R.**, Flora, P., and Fusco, C. (2009). Active school transport, physical activity levels and body weight of children and youth: A systematic review. *Preventive Medicine*, 48, 3-8.

**Buliung, R. N.,** Roorda, M. J., and Rimmel, T. (2008) Exploring spatial variety in patterns of activity-travel behaviour: initial results from the Toronto Travel-Activity Panel Survey. *Transportation*, 35, 697-722.

**Buliung, R. N.,** and Rimmel, T. (2008) Open source, spatial analysis, and activity-travel behaviour research: capabilities of the aspace package. *Journal of Geographical Systems*, 10, 191-216.

Kanaroglou, P. S., and **Buliung, R. N.** (2008) Estimating the contribution of commercial vehicle movement to mobile emissions in urban areas. *Transportation Research Part E*, 44, 260-276.

**Buliung, R. N.,** Hernandez, T., and Mitchell, J. (2007) Exploring the relationship between big-box retailing and consumer travel demand in the Greater Toronto Area. *Canadian Journal of Transportation*, 1(2), 122-141.

**Buliung, R. N.,** and Kanaroglou, P. S. (2007) Activity-travel behaviour research: conceptual issues, state of the art, and emerging perspectives for behavioural analysis and simulation modelling. *Transport Reviews*, 27: 151-187.

**Buliung, R. N.,** and Kanaroglou, P. S. (2006) Urban form and household activity-travel behaviour. *Growth and Change*, 37: 174-201.

**Buliung, R. N.,** and Kanaroglou, P. S. (2006) A GIS toolkit for exploring geographies of household activity/travel behavior. *Journal of Transport Geography*, 14: 35-51.

**Buliung, R. N.,** and Kanaroglou, P. S. (2004) On design and implementation of an object-relational spatial database for activity/travel behaviour research. *Journal of Geographical Systems*, 6: 237-262.

**Buliung, R. N.,** and Kanaroglou, P. S. (2002) Commute minimization in the Greater Toronto Area: Applying a modified excess commute. *Journal of Transport Geography*, 10: 177-186.

**Buliung, R. N.,** and Deluca, P. F. (2000) Spatial patterns of demand for education at McMaster University. *Journal of Geographic Information and Decision Analysis*, 4: 27-39.

Anderson, W. P., Kanaroglou, P. S., Miller, E. J., and **Buliung, R. N.** (1996) Simulating automobile emissions in an integrated urban model. *Transportation Research Record*, 1520: 71-80.

## **B. Books and/or Chapters**

**Buliung, R.,** Shimi, A., Mitra, R. (2015) Automobility and Non-Motorized Transport in the Global South: China, India, and the Rickshaws of Dhaka. In A. Walks (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*, publisher: Routledge: New York, pp. 152-168.

**Buliung, R.,** Larsen, K., Hess, P., Faulkner G., Fusco, C., Rothman, L. (2015) Driven to School: Social fears and traffic environments. In A. Walks (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*, publisher: Routledge: New York, pp. 81-100.

**Buliung, R. N.**, and Morency C. (2010) “Seeing is Believing”: Exploring opportunities for the visualization of spatiotemporal dimensions of activity-travel and land use processes. In A. Páez, Le Gallo, J., R.N. Buliung, and S. Dall’erba (Eds.) *Progress in Spatial Analysis: Theory and Computation, and Thematic Applications*, Springer.

Páez, A., Le Gallo, J., **Buliung, R. N.**, and Dall’Erba, S. (2010) “Progress in spatial analysis: Introduction” In A. Paez, Le Gallo, J., R.N. Buliung, and S. Dall’erba (Eds.) *Progress in Spatial Analysis: Theory and Computation, and Thematic Applications*, Springer.

**Buliung, R. N.**, and Hernandez T. (2009) Places to Shop and Places to Grow: Power Retail, Consumer Travel Behaviour, and Urban Growth Management in the Greater Toronto Area. Published by the NEPTIS Foundation.

**Buliung, R. N.**, Kanaroglou, P. S., and Maoh, H. F. (2005) GIS, objects and integrated urban models. In M. E.H. Lee-Gosselin and S.T. Doherty (Eds.), *Integrated Land-use and Transportation Models: Behavioural Foundations*, Chapter 9, pp. 207-230 Elsevier, Oxford (UK).

### C. Books Edited

Páez, A., Le Gallo, J., **Buliung, R.**, and Dall’Erba, S. (Eds.) (2010) *Progress in Spatial Analysis: Theory and Computation, and Thematic Applications*, Book, Springer.

### D. Refereed Conference Proceedings

Ravensbergen, L., **Buliung, R.N.**, Wilson, K., Faulkner, G. Socioeconomic discrepancies in children’s access to physical activity facilities: An activity space analysis. *The 95th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2016.

Grisé, E., **Buliung, R.**, Rothman, L., Howard, A. (2016) Exploring spatial patterns of pedestrian injury by age and severity in the City of Toronto, Canada. *The 95th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2016.

Colley, M. and **Buliung, R.** (2016) Gender differences in school and work commuting mode through the life cycle: exploring trends in the Greater Toronto and Hamilton Area over time (1986-2011). *The 95th Annual Meeting of the Transportation Research Board*, Washington, DC, January 2016.

Grise, E., **Buliung R.**, Rothman, L., and Howard, A. (May 2015). *Exploring spatial patterns of pedestrian injury by age and severity in Toronto, Canada*. Paper presented at the 25<sup>th</sup> Canadian Association of Road Safety Professionals Conference, Ottawa, ON.

Ravensbergen-Hodgins, L., **Buliung, R.**, Wilson, K., Faulkner, G. (2015) Calculating and comparing children of contrasting socioeconomic status’ accessibility to food environments using activity-travel data. *The 94<sup>th</sup> Annual Meeting of the Transportation Research Board*, Washington, DC, January 2015.

Legrain, A., **Buliung, R.**, El-Geneidy, A. (2015) Who, what, when, and where: Revisiting the influences of transit mode share. *The 94<sup>th</sup> Annual Meeting of the Transportation Research Board*, Washington, DC, January 2015.

Larsen, K., **Buliung, R.N.**, Faulkner, G.E.J. (2015). School Travel: Assessing how the built and social environment relate to children's walking and independent mobility in the Greater Toronto and Hamilton Area. *The 94<sup>th</sup> Annual Meeting of the Transportation Research Board*, Washington, DC, January 2015.

Larsen, K., **Buliung, R.N.**, Faulkner, G.E.J. (2015). Exploring children's school travel patterns: Do environmental characteristics along the route relate to walking and independent mobility. *The 94<sup>th</sup> Annual Meeting of the Transportation Research Board*, Washington, DC, January 2015.

Mitra, R., **Buliung, R.** (2015) Exploring differences in school travel mode choice behaviour between children and youth. *The 94<sup>th</sup> Annual Meeting of the Transportation Research Board*, Washington, DC, January 2015.

Larsen, K., **Buliung, R.**, **Faulkner, G.** (2014) Physical activity and school travel: Assessing how traffic safety and the built environment relate to physical activity levels before and after school. *The 93<sup>rd</sup> Annual Meeting of the Transportation Research Board*, Washington, DC, January 2015.

Larsen, K., **Buliung, R.**, Faulkner, G. (2013) Safety and school travel: How does the environment along the route relate to safety and mode choice? *The 92nd Annual Meeting of the Transportation Research Board*, Washington, DC. January 2013.

Mitra, R. and **Buliung, R.** (2012) Intra-household travel interactions, the built environment and school travel mode choice: An exploration using spatial models. *The 91st Annual Meeting of the Transportation Research Board*, Washington, DC. January 2012.

Larsen K, Stone M, Faulkner GEJ, **Buliung RN**, Arbour-Nicitopoulos KP. (2012) Predictors of driving among families living within 2 km from school. *The 91st Annual Meeting of the Transportation Research Board*. Washington, DC, January 2012.

Larsen K, **Buliung RN**, Faulkner GEJ, Fusco, C. (2012) Is it safe? How does safety play a role on a child's mode of travel between home and school. *The 91st Annual Meeting of the Transportation Research Board*. Washington, DC, January 2012.

Mitra, R., and **Buliung, R.** (2011) Built environment correlates and active school transportation: Neighbourhood and the modifiable areal unit problem. *Proceedings of the 90<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., January.*

**Buliung, R.**, Soltys, K., Bui, R., Habel, C., and Lanyon, R. (2010) Catching a ride on the information super-highway. *Proceedings of the 89<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January.*

Mitra, R., **Buliung, R.**, and Roorda, M. (2010) Built environment influences on school travel mode choice in Toronto, Canada. *Proceedings of the 89<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January.*

**Buliung, R.N.**, Soltys, K., Habel, C., and Lanyon, R. (2009) Driving Factors Behind Successful Carpool Formation and Use. *Proceedings of the 88<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January.*



**Buliung, R.N.**, and Hernandez, T. (2008) The growth and change of retail opportunity in the Greater Toronto Area. *Proceedings of the 87<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January.*

**Buliung, R.N.**, and Remmel, T. (2008) The Aspace open source toolkit for the geographical analysis of individual and household activity-travel behaviour. *Proceedings of the 87<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January.*

**Buliung, R.N.**, and Roorda, M.J. (2006) Spatial variety in weekly, weekday-to-weekend, and day-to-day patterns of activity-travel behaviour: initial results from the Toronto Travel-Activity Panel Survey. *Proceedings of the 85<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January.*

**Buliung, R.N.**, Hernandez, T., and Mitchell, J. (2006) Sustainable transport and the ‘Americanisation’ of Canadian retail. *CD-ROM Proceedings of the National Science Foundation, New Scholars Conference on Sustainable Transport, University of Indiana, Bloomington, Indiana.*

Kanaroglou, P.S., and **Buliung, R.N.** (2006) Using an integrated urban model to estimate the contribution of commercial vehicle movement to mobile emissions in urban areas. Paper presented at the *National Urban Freight Conference, Long Beach, CA, February*, Available at: <http://metrans.org/nuf/presentations.html>

**Buliung, R.N.**, and Kanaroglou, P.S. (2006) An Exploratory Spatial Data Analysis (ESDA) Toolkit for the Analysis of Activity/Travel Data. *Proceedings of the International Conference on Computational Science and its Applications (ICSSA 2004, Part 2), Assisi, Italy.*

**Buliung, R.N.** (2005) Reviving the activity space: Can “old” behavioural geography provide “new” insights to the urban transport policy debate? *Proceedings of the Canadian Transportation Research Forum (CTRF), Hamilton, Ontario (Winner: Best overall paper, Best paper related to conference theme).*

Kanaroglou, P.S., **Buliung, R.N.**, and Taylor, B.W. (2000) Mobile source emissions in urban areas: The relative contribution of trucks. *Proceedings of the 5<sup>th</sup> International Conference on Protection and Restoration of the Environment, Thassos, Greece.*

Anderson, W.P., Kanaroglou, P.S., Miller, E.J., and **Buliung, R.** (1996) Simulating automobile emissions in an integrated urban model. *Proceedings of the 75<sup>th</sup> Annual Meeting, Transportation Research Board, Washington, DC.*

## **8. NON-REFEREED PUBLICATIONS**

### **A. Articles and Technical Reports**

**Buliung, R.N.**, Colley, M. (2016) Greater Toronto and Hamilton Area School Travel Trends Reports. Available at: <http://smartcommute.ca/getting-to-school/resources/research-reports/> [accessed, April 2016]

El-Geneidy, A.M., **Buliung, R.**, Diab, E., van Lierop, D., Langlois, M. and Legrain, A. (2014) Non-stop equity: Assessing daily intersections between transit accessibility and social disparity across the Greater

Toronto and Hamilton Area. *Report Submitted to Metrolinx Smart Commute, Toronto, Canada. August 2014.*

**Buliung, R.N.**, Larsen, K., Faulkner E.J. (2014) Children's independent mobility across the City of Toronto. *Report Submitted to Metrolinx Smart Commute, Toronto, Canada. August 2014.*

**Buliung, R.N.**, Larsen, K., Faulkner E.J. (2014) Children's independent mobility in the Greater Toronto and Hamilton Area: Setting the Stage. *Report Submitted to Metrolinx Smart Commute, Toronto, Canada. August 2014.*

**Buliung, R.N.** (2014) Book Review: *City Cycling*, By J. Pucher and R. Buehler (Eds.), Cambridge: The MIT Press, *Journal of Transport Geograpy*, 35(2014) 160-161.

**Buliung, R.N.** (2012) The right to shred the gnar: From 1985 to North Vancouver in 27 years. *Concrete Wave*, December, 2012.

**Buliung, R.N.** (2012) There will always be more to do .... Op-ed piece for Toronto Centre for Active Transportation. Available from: <http://www.torontocat.ca/node/1851> [Accessed June 2012].

**Buliung, R.N.** (2011) Book Review: *The Golden Dream*, By Ronald Stagg, Toronto: Dundurn Press, *Ontario History*, 103(2): 230-231.

Mitra, R., and **Buliung, R. N.** (2010) The built environment, autonomous mobility, and school travel mode choice in Toronto. *Proceedings of the Canadian Transportation Research Forum (CTRF), Toronto, Canada.*

**Buliung, R.N.**, and Bui, R. (2010) Carpooling in the Carpool zone: A report on the personal, work-related, and land use correlates of carpool formation and use. *Report submitted to the Travel Demand Management Group, Metrolinx, Toronto, Canada.*

**Buliung, R.N.**, and Siddiqi, Z. (2010) Smart Commute and travel demand management (TDM): A review of tools for TDM performance monitoring and a report at the baseline. *Report submitted to the Travel Demand Management Group, Metrolinx, Toronto, Canada.*

**Buliung, R.N.** (2010) Book Review: Finding some needles in the haystack: Textbook publishing on the subjects of GIS and Spatial Data Analysis. *The Canadian Geographer*, 54(1): 126-132.

**Buliung, R.**, Soltys, K., and Bui, R. (2009) Understanding carpool formation and use: A study of the carpooling behaviour of Carpool Zone respondents. *Report submitted to the Travel Demand Management Group, Metrolinx, Toronto, Canada.*

Paez, A., **Buliung, R.N.**, Nelson, T., and Rinner, C. (May, 2008) *GIS Education in Canada* and Insight. Available at: <http://www.gisdevelopment.net/magazine/global/2008/may/56.htm>

Soltys, K., and **Buliung, R.N.** (2008) Commuting connections: gender, carpooling, and cyberspace. *Proceedings of the Canadian Transportation Research Forum (CTRF)*, Fredericton, NB.

**Buliung, R.N.** (2007) Broadband technology and metropolitan sustainability: an interpretive review. *Report submitted to The Ministry of Government Services, Province of Ontario, Broadband Research Initiative*. Available at: <http://kmdi.utoronto.ca/broadband/programs/default.html>

**Buliung, R.N.** (2007) Book Review: *The Transportation Experience: Policy, Planning, and Deployment*, By William L. Garrison, and David M. Levinson, New York: Oxford University Press, 2006. 457 pp. ISBN 0-19-517251-5. *Growth and Change*, 38: 158-160.

Pritchard, D.R., and **Buliung, R.N.** (2007) Transportation analysis and research using free/open Source software. Report to Project Open Source | Open Access Student Experience Program. Available at: [http://open.utoronto.ca/index.php?option=com\\_content&task=blogcategory&id=0&Itemid=248](http://open.utoronto.ca/index.php?option=com_content&task=blogcategory&id=0&Itemid=248)

Flora, P., Faulkner, G., and **Buliung, R.** (2007) The impact of active school transport on physical activity levels and body weight of children: A systematic review. *Paper accepted for presentation at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS), Windsor, Ontario, November 7 - 10, 2007.*

**Buliung, R.N.**, Hatzopoulou, M., and Roorda, M. (2006) Plugging the “environment” into integrated urban models: recent progress and research directions. *Proceedings of the Canadian Transportation Research Forum (CTRF)*, Quebec City, Que.

Kanaroglou, P.S., and **Buliung, R.N.** (2006) Estimating the contribution of commercial vehicle movement to mobile PM emissions in urban areas. *Proceedings of the Canadian Transportation Research Forum (CTRF)*, Quebec City, Que.

**Buliung, R.N.** (2005) Activity-travel behaviour research: approaches and findings with identification of research themes and emerging methods. Centre for Spatial Analysis Working Paper Series, McMaster University, Hamilton, Ontario. Available at: <http://www.science.mcmaster.ca/cspa/papers/index.html>

Maoh, H.F., Kanaroglou, P.S., and **Buliung, R.N.** (2005) Modeling the location of firms with an integrated transport and land-use model for Hamilton, Ontario. Centre for Spatial Analysis Working Paper Series, McMaster University, Hamilton, Ontario. Available at: <http://www.science.mcmaster.ca/cspa/papers/index.html>

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**Buliung, R.** (1999) GIS and alumni advancement at McMaster University. *Proceedings from GIS '99*, Vancouver, British Columbia.

**Buliung, R.**, Kanaroglou, P.S., Deluca, P., and Maynard, D. (1999) *Geodemographic marketing and student recruitment: final report*. Enrolment Management Committee, McMaster University.

**Buliung, R.**, Reader, S., and Maynard, D. (1998) The McMaster-Mohawk GIS specialist certificate programme: a report on three years of experience. *Proceedings from GIS '98/RT '98*, Toronto, Ontario.

## 9. MANUSCRIPTS/PUBLICATIONS/BOOKS IN PREPARATION, UNDER REVIEW

Rothman, L., Howard, A., **Buliung, R.**, Macarthur, C., Richmond, S., Macpherson, A., A case-control study of environmental and social risk factors for child pedestrian motor vehicle collisions near schools. (draft prepared). *Pediatrics*.

**Buliung, R.N.**, Mitra, R. (in preparation) Guest Editors of special section of the Journal of Transport and Land use on the subject of child and youth centred transport and land use interactions.

**Buliung, R.N.**, Larsen, K., Faulkner, G.E.J. (in preparation). Exploring children's school travel patterns: Do environmental characteristics along the route relate to walking and independent mobility. *Journal of Transport Geography*.

Thoem, J., **Buliung, R.N.**, Wilson, D. (draft) Skate and Create: Youth participation in the urban planning process.

## 10. PAPERS PRESENTED AT MEETINGS AND SYMPOSIA [presentation day]

Ravensbergen, L., **Buliung, R.**, Wilson, K., Faulkner, G. (2016, April). *Moving Beyond Residential Accessibility: How Socioeconomic Factors Influence Children's Access to Physical Activity Facilities Across Space and Time*. Paper presented at the American Association of Geographers Annual Meeting, San Francisco, CA.

Colley, M. and **Buliung, R.** (2016, March) Spatial and Temporal Patterns of Gendered Transport in the Greater Toronto and Hamilton Area, Canada. Paper presented at the Association of American Geographers' Annual Meeting, San Francisco, California.

Larouche R, Stone MR, **Buliung RN**, Faulkner GEJ. (accepted). "I want to bike, but I can't!" – profiling the children who would prefer to cycle to school. 2015 International Society of Behavioral Nutrition and Physical Activity Conference. Edinburgh, Scotland.

Rothman L, Perry D, **Buliung R**, Macarthur C, To T, Macpherson A, Larsen K, Howard A. Do school crossing guards make crossing roads safer? An analysis of 27,827 pedestrian collisions. Accepted for oral presentation, Canadian Association for Road Safety Professionals Conference 2015, Ottawa, ON, May 27-30.

Rothman L, Macpherson, A, **Buliung R**, Macarthur C, To T, Larsen K, Howard A. Installation of speed humps and pedestrian-motor vehicle collisions in Toronto, Canada: a quasi-experimental study. Accepted for oral presentation, Canadian Association for Road Safety Professionals Conference 2015, Ottawa, ON, May 27-30.

Rothman L, **Buliung R**, To T, Macarthur C, Macpherson A, Howard A. Association between parent

perception of traffic danger, walking to school and the built environment. Accepted for oral presentation, Canadian Association for Road Safety Professionals Conference 2015, Ottawa, ON, May 27-30.

Rothman L, Howard A, **Buliung R**, Macarthur C, Macpherson, A. Driving behaviours near elementary schools and child pedestrian-motor vehicle collisions. Accepted for oral presentation, Canadian Association for Road Safety Professionals Conference 2015, Ottawa, ON, May 27-30.

**Buliung R**, Larsen, K., Faulkner, G. (2015, April) Walking Alone and with others to School in the GTHA. Paper presented at the Association of American Geographers' Annual Meeting, Chicago, Illinois.

Colley, M. & **Buliung R**. (2015, April) An Exploration of the Spatial and Temporal Patterns of Active School Transport in the Greater Toronto and Hamilton Area. Paper presented at the Association of American Geographers' Annual Meeting, Chicago, Illinois.

Grise, E., **Buliung R**, Rothman, L., and Howard, A. (April 2015). *Exploring spatial patterns of pedestrian injury by age and severity in Toronto, Canada*. Paper presented at the 2015 Association of American Geographers Annual Meeting, in the Spatial Epidemiology organized session, Chicago, Illinois, U.S.A.

Ravensbergen, L., **Buliung R**, Wilson, K., Faulkner, G. (2015, April). *Socioeconomic Disparities in Children's Food Environments: An Activity Space Analysis in Toronto, Canada*. Paper presented at the American Association of Geographers Annual Meeting, Chicago, IL.

Grise, E., **Buliung R**, Howard, A., Rothman, L. Exploring spatial patterns of pedestrian injury by age and severity in Toronto, Canada. Accepted for oral presentation at the Society for Advancement of Violence and Injury Research 2015 Conference, New Orleans, Louisiana. March 11-13, 2015.

Rothman L, Perry D, **Buliung R**, Macarthur C, To T, Macpherson A, Larsen K, Howard A. Do school crossing guards make crossing roads safer? An analysis of 27,827 pedestrian collisions. Accepted for oral presentation at the Society for Advancement of Violence and Injury Research 2015 Conference, New Orleans, Louisiana. March 11-13, 2015.

Rothman L, Macpherson, A, **Buliung R**, Macarthur C, To T, Larsen K, Howard A. Installation of speed humps and pedestrian-motor vehicle collisions in Toronto, Canada: a quasi-experimental study. Accepted for oral presentation at the Society for Advancement of Violence and Injury Research 2015 Conference, New Orleans, Louisiana. March 11-13, 2015.

Rothman L, **Buliung R**, To T, Macarthur C, Macpherson A, Howard A. Association between parent perception of traffic danger, walking to school and the built environment. Accepted for oral presentation at the Society for Advancement of Violence and Injury Research 2015 Conference, New Orleans, Louisiana. March 11-13, 2015.

Rothman L, Howard A, **Buliung R**, Macarthur C, Macpherson, A. Driving behaviours near elementary schools and child pedestrian-motor vehicle collisions. Accepted for poster presentation at the Society for Advancement of Violence and Injury Research 2015 Conference, New Orleans, Louisiana. March 11-13, 2015.

Mammen, G., Stone, M., **Buliung, R.**, Faulkner, G. School Travel Planning in Canada: Identifying child, family, and school-level characteristics associated with travel mode shift from driving to active school travel. Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS) Annual Conference, London, Canada, October 16-18, 2014.

Faulkner, G., Mitra, R., **Buliung, R.**, Stone, M. (2014). Children's outdoor play time, physical activity, and parental perceptions of the neighbourhood environment. Society of Behavioral Medicine Annual Conference, Philadelphia, April 23-26.

Rothman, L., Macarthur, C., To, T., **Buliung, R.** (presenter), Howard, A. (2014) Motor Vehicle-Pedestrian Collisions and Walking to School in the City of Toronto: Exploration of Role of the Built Environment. Annual Meeting of the Transportation Research Board. Washington, D.C. (January 12-16) [10] (Poster)

Larsen, K., **Buliung, R.**, Faulkner, G. (2014) Physical Activity and School Travel: Assessing How Traffic Safety and the Built Environment Relate to Physical Activity Levels Before and After School. Annual Meeting of the Transportation Research Board. Washington, D.C. (January 12-16) [10] (poster)

Larsen, K., **Buliung, R.N.**, Faulkner, G. (2014) How does the built environment and traffic safety relate to physical activity levels when travelling to and from school. Annual Meeting of the Association of American Geographers. Tampa, Florida, April 8-12. [10]

Richmond, S.A., Schwartz, N., **Buliung, R.**, Rothman, L., Larsen, K., Howard, AW. (2013) Fatal child injuries in real world crashes. Canadian Injury Prevention and Safety Promotion Conference. Montreal, Quebec (November, 5-7, 2013) (poster)

Rothman, L. (presenter), To, T., **Buliung, R.**, Macarthur, C., Howard, A. (2013) The influence of the built environment on child pedestrian injury and walking to school. Oral presentation to the Canadian Injury Prevention and Safety Promotion Conference (CIPSPC), Montreal, Quebec. November 5-7, 2013.

Rothman, L. (presenter), To, T., **Buliung, R.**, Macarthur, C., Howard, A. (2013) Presence of school crossing guards is an effect modifier of built environment road design features and observed walking to school. Oral presentation to the Canadian Injury Prevention and Safety Promotion Conference (CIPSPC), Montreal, Quebec. November 5-7, 2013.

Richmond, S.A., Schwartz, N., **Buliung, R.**, Rothman, L., Larsen, K., Howard, A.W. (2013) Exploring the impact of a dedicated streetcar right-of-way on pedestrian motor vehicle collisions. AUTO21 Annual Conference. Toronto, Ontario. (May 22-23, 2013) (**BEST POSTER**)

Rothman, L. (presenter), To, T., **Buliung, R.**, Macarthur, C., Howard, H. (2013) Child pedestrian injury and walking to school: the role of the built environment. Poster presentation for the Highly Qualified Personnel (HQP) competition at the Auto21 Annual Conference, 2013. Toronto, Ontario. May 22-23, 2013.

Larsen K, **Buliung R**, Faulkner G. (April 2013) Assessing how the route to school relates to safety concerns and mode of travel. Annual Meeting of the Association of American Geographers. Los Angeles, CA.

**Buliung, R.**, Larsen, K., Faulkner, G. (2013) Safety and school travel: How does the environment along the route relate to safety and mode choice. *92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., January (poster).*

Rothman, Linda, Macarthur Colin, **Buliung R**, To Teresa, Howard Andrew. Walkable but unsafe? A systematic review of built environment correlates of walking and child pedestrian injury. 11TH World Conference on Injury Prevention and Safety Promotion, Wellington, New Zealand October 1-4, 2012 (Poster).

Rothman Linda, Macarthur Colin, **Buliung Ron**, To Teresa, Howard Andrew. The relationship between walking to school and child pedestrian injury in Toronto, Canada. Accepted for poster presentation to the 11TH World Conference on Injury Prevention and Safety Promotion, Wellington, New Zealand October 1-4, 2012 (Poster)

Rothman Linda, Macarthur Colin, To Teresa, **Buliung Ron**, Howard Andrew. Determinants of Parent Perceptions of Dangerous Traffic Related to School Travel. 11TH World Conference on Injury Prevention and Safety Promotion, Wellington, New Zealand October 1-4, 2012 (Oral)

Stone, M., Faulkner, G., Zeglen-Hunt, L., & **Buliung, R.** (2012). Is outdoor play in Toronto extinct? Evidence from Project BEAT (Built Environment and Active Transport). Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS). Halifax, NS (November 1-3).

Mitra, R, & **Buliung, R.** (2012) The neighbourhood caregiver-child travel interactions and school transportation mode choice in Toronto Canada. *International Association of Travel Behaviour Research*, Toronto, Canada (July 15-20).

Mitra, R., Faulkner, G., & **Buliung, R.** (2012). There's no such thing as bad weather, just the wrong clothing: An exploration of the effect of weather on active school transportation in Toronto Canada. *International Association of Travel Behaviour Research*, Toronto, Canada (July 15-20).

Stone, M., Faulkner, G., & **Buliung, R.** (2012). How active are children in Toronto? A comparison with accelerometry data from the Canadian Health Measures Survey. Paper presented at the 2012 Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, Austin, Texas USA (May 23-26).

Faulkner, G., Stone, M., Wong, B., **Buliung, R.**, & Mitra, R. (2012). The contribution of active school travel to children's physical activity levels: Examining the influence of school location. Paper presented at the 2012 Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, Austin, Texas USA (May 23-26).

Stone, M., Faulkner, G., **Buliung, R.**, & Mitra, R. (2012). The freedom to explore: Examining the influence of independent mobility on weekday, after-school and weekend physical activity behaviour in children living in urban/suburban low/high SES neighbourhoods. Paper presented at the 2012 Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, Austin, Texas USA (May 23-26).

Wong, B., Faulkner, G., & **Buliung, R.** (2012). Does independent mobility play a role in the relationship between the built environment and active school travel? Paper presented at the 2012 Annual Meeting of the

International Society for Behavioral Nutrition and Physical Activity, Austin, Texas USA (May 23-26).

Mammen, G., Faulkner, G., **Buliung, R.**, Lay, J. (2012). Towards greater independent mobility in the GTHA. The 15th Annual Eastern Canadian Sport and Exercise Psychology Symposium. London, Canada. (March 2012).

Wong, B.Y.M., Faulkner, G., **Buliung, R.** (2012) Does independent mobility play a role in the relationship between the built environment and active school travel? *The 16th Annual Eastern Canada Sport and Exercise Psychology Symposium*. London, Canada. (March, 2012).

Shimi, A., **Buliung, R.** (2012) The Role of Non-motorized Transport (NMT) in Dhaka's Transport System. *Annual Meeting of the Association of American Geographers*. New York, NY. (Feb, 2012).

Fusco, C., Faulkner, G., **Buliung, R.**, Moola F., Richichi, V. (2012) *Exploring Children's Productions of their School Travel Spaces: A Lefebvrian Analysis of AST*. *Annual Meeting of the Association of American Geographers*. New York, NY. (Feb, 2012).

Mitra, R., **Buliung, R.** (2012) Caregiver-child Travel Interaction, The Built Environment, and Mode Choice for School Transportation. *Annual Meeting of the Association of American Geographers*. New York, NY. (Feb, 2012).

Larsen K, **Buliung R**, Faulkner G, Fusco C. (2012) Assessing how parent and child perspectives of safety relate to school travel. *Annual Meeting of the Association of American Geographers*. New York, NY. (Forthcoming Feb, 2012).

Larsen K, **Buliung R**, Faulkner G, Fusco C. (2011) Does traffic safety matter?: Exploring parent-child perspectives on traffic safety and school travel. *Annual Meeting of the Association of Collegiate Schools of Planning*. Salt Lake City, UT. (Oct, 2011).

Howard, A., Camden, A., Rothman, L., Macarthur, C., **Buliung, R.** (2011). Pedestrian Countdown Signals Did Not Reduce Pedestrian Injury Rates in Toronto, Canada: A Quasi-Experimental Study. *Canadian Injury Prevention and Safety Promotion Conference*, Vancouver.

Rothman, L., Macarthur, C., To, T., Buliung, R., Macpherson, A., Pike, I., Howard, A. (2011) Child Pedestrian Injury in the City of Toronto: The Role of the Built Environment and Active School Transportation. *Canadian Injury Prevention and Safety Promotion Conference*, Vancouver.

Stone, M., Faulkner, G., **Buliung, R.**, Mitra, R. (2011) Physical activity in children: does it vary by where children live, learn and play? Lessons from the Built Environment and Active Transport (BEAT) Project. Submitted to the *proceedings of the XXVIIth Pediatric Work Physiology (PWP) Congress*. Exeter, UK.

Mitra, R. and **Buliung, R.** (2011). Built environment and active school transportation among children and youths. The 2011 Meeting of the Association of American Geographers, Seattle, WA. April 2011.

Larsen K, **Buliung R**, Faulkner G, Stone M. (2011) The Road Not Taken: Exploring Differences in the Geography of School Travel Behaviour. *Annual Meeting of the Association of American Geographers*. Seattle, WA. April, 2011.



Faulkner, G., Beesley, T., **Buliung, R.**, & Kennedy, J. (2010). School travel planning: A Canadian pilot evaluation. Canadian Society for Psychomotor Learning and Sport Psychology Annual Conference, Ottawa ON, October 28-30.

Mitra, R. and **Buliung, R.** 2010. The built environment, independent travel, and mode choice for school transportation among children and youths. Association of Collegiate Schools of Planning (ACSP) Annual Conference, 2010, Minneapolis, MN.

Wong B.Y.M, Faulkner, G. and **Buliung, R.** (2010) Objectively measured correlates of active school transport: A systematic review. 2010 Annual Conference of the International Society for Behavioral Nutrition and Physical Activity. Minneapolis, United States, June, 2010. (poster presentation)

Bui, R., **Buliung, R.** (2010) Extending our Understanding of the Carpool Formation and Use in the Greater Toronto and Hamilton Area: a Case Study of Smart Commute's Carpool Zone tool. *Paper presented at the 2<sup>nd</sup> annual meeting of Translog*, June 15<sup>th</sup> – 16<sup>th</sup>.

Mitra, R., **Buliung, R.** (2010) The built environment, autonomous mobility, and school travel mode choice in Toronto. *Paper presented at the 43<sup>rd</sup> annual meeting of the Canadian Transportation Research Forum*, Toronto, Canada, May 30 – June 2<sup>nd</sup>.

Wong, B.Y.M., Faulkner, G., **Buliung, R.**, Adlaf, E., and Fusco, C. (2010) Prevalence of active school transportation in Ontario. *Poster presented at the International Congress on Physical Activity and Public Health*, Toronto, Canada, May 5-8.

Kennedy, J., Beesley, T., Faulkner, G., and **Buliung, R.** (2010). School travel planning: Increasing daily physical activity by way of the school journey. *Poster presented at the International Congress on Physical Activity and Public Health*, Toronto, Canada, May 5-8.

Bui, R., and **Buliung, R.** (2010) Capabilities of the aspace package. *Paper presented at the Annual Meeting of the Association of American Geographers* April 14-18, Washington DC, USA.

Faulkner, G., Richichi, V., **Buliung, R.**, Fusco, C., and Moola, F. (2010) School travel: The parental decision making process. *Paper presented at the Annual Meeting of the Association of American Geographers* April 14-18, Washington DC, USA.

Wong, BYM., Faulkner, G., **Buliung, R.**, Adlaf, E., and Fusco, C. (2010) Social-ecological correlates of active school transport among elementary and secondary school students in Ontario, Canada. *The 14th Annual Eastern Canada Sport and Exercise Psychology Symposium*, March 25-27, Montreal, Canada.

Wong, BYM., Faulkner, G., **Buliung, R.**, Adlaf, E., and Fusco, C. (2010) Prevalence of active school transport in Ontario. *3rd International Congress on Physical Activity and Public Health*. Canada, May 5-8.

**Buliung, R. N.**, Soltys, K., Bui, R., Habel, C., Lanyon, R. (2009) Manipulating complementarities: Planning for carpooling in the information age. *Paper presented at the 56<sup>th</sup> Annual Meeting of the North American Regional Science Association International*, San Francisco, California, November.

Zang, L., and **Buliung, R.** (2009) Scaling the digital divide: A Canadian story. *Poster presented at the 4th International Specialist Meeting on ICT, Everyday Life and Urban Change*, Quebec City, October 7-10<sup>th</sup>.

**Buliung, R.**, Bui, R., Habel, C., and Lanyon, R. (2009) Toward an understanding of carpool formation and use. *Paper presented at the 4th International Specialist Meeting on ICT, Everyday Life and Urban Change*, Quebec City, October 7-10<sup>th</sup>.

Fusco, C., Faulkner, G., **Buliung, R.**, Moola, F., and Richichi, V. (2009). Walking and Seeing the BEAT Differently: Children and Adult Productions of Space during the Journey to School. *Research Seminar at School of Sports Studies, University of Ulster*, Northern Ireland, October 30th 2009.

Fusco, C., Faulkner, G., **Buliung, R.**, Moola, F., and Richichi, V. (2009). BEAT Project: Using Qualitative Methods in Built Environment and AST Studies. *Research Seminar at Youth Sport and Health Research Network*, University of Sydney, Australia, July 15, 2009.

Bui, R., and **Buliung, R.** (2009). Capabilities of the aspace Package - An Open Source tool for Centographic Statistical Computing. *Annual meeting of the Canadian Association of Geographers, Ontario Chapter*, University of Toronto Mississauga, October.

Mitra, R., and **Buliung, R.** (2009). What about the age? Influence of socio-demographic characteristics, the built environment, and escorting on school travel modes for children and the youth. *Paper presented at the Association of Collegiate schools of Planning Annual Meeting 2009*, Arlington, Virginia, October, 2009.

Richichi, V., Faulkner, G., Moola, F., Fusco, C., and Buliung, R. (2009). "What's Quickest and Easiest?": Parents' Perspectives of the Trip To & From School. *Poster session presented at the annual conference of the ISBNPA*, Lisbon, Portugal, June, 2009.

Larsen, K., **Buliung, R.**, Faulkner, G., Fusco, C., Moola, F., and Richichi, V. (2009) Where am I? and How did I get here?: Children, Parents, and School Travel. *Paper presented at the Annual Meeting of the Association of American Geographers*, Las Vegas, Nev., March.

Fusco, C., Faulkner, G., **Buliung, R.**, Moola, F., and Richichi, V. (2009) Project BEAT: Qualitatively exploring "ways of seeing" active school transport (AST). *Paper presented at the Annual Meeting of the Association of American Geographers*, Las Vegas, Nev., March.

Beesley, T., Faulkner, G., Arbour, K., **Buliung, R.**, and Kennedy, J. (2009). School travel planning: A Canadian study of rates and barriers. *Presented at the 13th Annual Eastern Canadian Sport & Exercise Psychology Symposium*, York University March 12-14th.

**Buliung, R.**, K. Soltys, R. Lanyon, and C. Habel (2008) Driven to share: toward an understanding of carpool formation and use. *Paper presented at the 55<sup>th</sup> Annual Meeting of the North American Regional Science Association International*, Brooklyn, New York, November.

**Buliung, R.**, Mitra, R., and Faulkner, G. (2008) The geography of walking school trips in the Greater Toronto Area. *Paper presented at the 55<sup>th</sup> Annual Meeting of the North American Regional Science Association International*, Brooklyn, New York, November.

Faulkner, G., Scerbo, F., **Buliung, R.**, and Kennedy, J. (2008). National School Travel Planning Pilot Project: Baseline Results. *Presented at the 40th Annual Conference of the Canadian Society for Psychomotor Learning and Sport Psychology*, November 1-3, Canmore Alberta.

Mitra, R., **Buliung, R.N.**, Faulkner, G., and Hess, P. (2008) Childhood mobility and the journey to school in “urban” and “suburban” spaces. *Paper Presented at the annual meeting of the Association of Collegiate Schools of Planning*, Chicago, July.

**Buliung, R.**, Soltys, K., and Lackner, M. (2008) Match making for climate change: alternative mobilities in the commuter age. *Paper presented at the Annual Meeting of the Canadian Transportation Research Forum*, Fredericton, N.B., June.

Mitra, R., **Buliung, R.**, and Faulkner G. (2008) Active school transportation in the Greater Toronto Area: an empirical examination of the urban/suburban classification problem. *Paper presented at the Annual Meeting of the Canadian Regional Science Association*, Quebec City, Quebec, May.

Soltys, K., and **Buliung, R.** (2008) Match Making for climate change: Alternative mobilities in the commuter age. *Paper presented at the Annual Meeting of the Canadian Regional Science Association*, Quebec City, Quebec, May.

Faulkner, G., **Buliung, R.**, Fusco, C., Mitra, R., Kennedy, J., Howard, D., and Salmon, A. (2008). Project BEAT: The Built Environment and Active Transport. Faculty of Physical Education and Health Research Seminar Series, University of Toronto April 21st, 2008.

Soltys, K., **Buliung, R.N.**, and Lackner M. (2008) Commuting connections: Gender, carpooling and cyberspace. *Paper presented at the Annual Meeting of the Association of American Geographers*, Boston, Mass., April.

**Buliung, R.N.**, and Soltys, K. (2007) Commuting connections: Gender, carpooling, and cyberspace. *Paper Presented at the 54<sup>th</sup> Annual Meeting of the North American Regional Science Association International*, Savannah, GA., November.

**Buliung, R.N.**, and Hernandez, T. (2007) The growth and change of retail opportunity in the Greater Toronto Area. Paper presented at the *54<sup>th</sup> Annual Meeting of the North American Regional Science Association International*, Savannah, GA., November.

T. Hernandez, and **Buliung, R.N.** (2007) Spatiotemporal patterns of retail innovation in the Greater Toronto Area (1996-2005). *Annual Meeting of the Canadian Regional Science Association*, September.

**Buliung, R.N.**, Hernandez, T., Mitchell, J.E., and da Cunha, R. (2007) “Driven to Shop”: suburban consumer travel in the Greater Toronto Area. *Paper presented at the Annual Meeting of the Canadian Association of Geographers*, Saskatoon, May.

Soltys, K., and **Buliung, R.N.** (2007) Commuting connections: gender carpooling and the world-wide web. *Paper presented at the Annual Meeting of the Canadian Association of Geographers*, Saskatoon, May.

**Buliung, R.N.**, and Hernandez, T. (2007) Retail morphology and consumer travel demand in the Greater Toronto Area. *Paper presented at the Annual Meeting of the Association of American Geographers*, San Francisco, April.

**Buliung, R.N.** (2007) Open spatial analysis using R. *Open Source Geospatial Technology for Teaching and Research*, University of Toronto, April.

**Buliung, R.N.**, Roorda, M.J., and Rimmel, T. (2006) Where have all the weekends gone? Comparative Analysis of Weekday and Weekend Patterns of Activity-Travel Behaviour using Data from the Toronto Travel Activity Panel Survey (TTAPS). *Paper presented at the 53<sup>rd</sup> Annual Meeting of the North American Regional Science Association International*, Toronto, Ont., November.

**Buliung, R.N.**, Hatzopoulou, M., and Roorda, M. (2006) Plugging the “environment” into integrated urban models: recent progress and research directions. *41<sup>st</sup> Annual Meeting of the Canadian Transportation Research Forum (CTRF)*, Quebec City, Que., May.

Kanaroglou, P.S., and **Buliung, R.N.** (2006) Estimating the contribution of commercial vehicle movement to mobile PM emissions in urban areas. *41<sup>st</sup> Annual Meeting of the Canadian Transportation Research Forum (CTRF)*, Quebec City, Que., May.

**Buliung, R.N.**, Rimmel T., and Roorda, M.J. (2006) A comparative study of weekday and weekend activity spaces using data from the Toronto Travel Activity Panel Survey (TTAPS). *Paper presented at the Annual Meeting of the Association of American Geographers*, Chicago, Ill., March.

**Buliung, R.N.**, and Hernandez, T. (2005) Exploring the travel effects of ‘big-box’ retail in the Greater Toronto Area. *Paper presented at the 52<sup>nd</sup> Annual North American Meetings of the Regional Science Association International*, Las Vegas, Nevada, Special Session on the Spatial Analysis of Urban Systems, November.

**Buliung, R.N.**, and Roorda, M.J. (2005) Questioning the notion of repetitive spatial behaviour: A comparative analysis of weekday and weekend activity participation. *Paper presented at the Annual Meeting of the Canadian Regional Science Association (CRSA)*, University of Toronto, Toronto, June.

**Buliung, R.N.** (2005) The spatial ecology of “suburban dreams”. *Paper presented at the Annual Meeting of the Canadian Association of Geographers*, University of Western Ontario, London, June.

**Buliung, R.N.**, and Roorda, M.J. (2005) Exploring the spatial stability of activity-travel behaviour: Initial Results from the Toronto travel-activity panel survey. *Paper presented at PROCESSUS Second International Colloquium on the Behavioural Foundations of Integrated Land-use and Transportation Models: Frameworks, Models and Applications*, University of Toronto, Toronto, June.

**Buliung, R.N.**, and Roorda, M.J. (2005) Questioning the notion of repetitive spatial behaviour: A comparative analysis of weekday and weekend activity participation. *Paper presented at the Annual Meeting of the Canadian Regional Science Association (CRSA)*, University of Toronto, Toronto, June.

**Buliung, R.N.** (2005) Household activity-travel behaviour and urban form: A home-range ecology approach. *Paper presented at the Annual Meeting of the Association of American Geographers*, Denver, CO, April.

**Buliung, R.N.**, and Kanaroglou, P.S. (2004) Household activity-travel response to regional polycentrism. *Paper presented at the 51<sup>st</sup> Annual North American Meetings of the Regional Science Association International*, Seattle, Washington, November.

**Buliung, R.N.**, and Kanaroglou, P.S. (2004) An exploratory spatial data analysis (ESDA) toolkit for the analysis of activity/travel data. *Paper presented at the International Conference on Computational Science and its Applications, Special Session: Spatial Statistics and GIS: Algorithms and Applications*, Perugia, Italy, May.

**Buliung, R.N.** (2004) Cities and households: Smart growth and daily activities. *Paper presented at the Annual Meeting of the Canadian Association of Geographers*, Université de Moncton, Moncton, New Brunswick, May.

**Buliung, R.N.** (2003) Household space-time paths: An experiment in exploratory spatial and temporal data analysis. *Paper presented at the MCRI Student Caucus Meeting, Our Directions: Understanding Individual and Social Processes in Urban Canada*, University of Toronto, Toronto, Ontario, September.

**Buliung, R.N.** (2002) GIS, objects and integrated urban models. *Paper presented at the First International Colloquium – SSHRC-MCRI, NCE-GEOIDE – The Behavioural Foundations of Integrated Land-Use and Transportation Models: Assumptions and New Conceptual Frameworks*, Quebec City, Quebec, June.

Schuster, C., Doherty, S.T., Roorda, M., Khan, J., **Buliung, R.**, Haider, M., and Hunt, J. D. (2002) Disaggregate behaviour in urban areas: A review of the theories, approaches and models. *Paper presented at the International Colloquium – SSHRC-MCRI, NCE-GEOIDE – The Behavioural Foundations of Integrated Land-Use and Transportation Models: Assumptions and New Conceptual Frameworks*, Quebec City, Quebec, June.

**Buliung, R.N.** (2002) An object-oriented approach to modeling space-time activity data. *Paper presented at the Annual Meeting of the Association of American Geographers*, Los Angeles, CA, Special Session on Activity-Travel Behaviour Research, March.

**Buliung, R.N.** (2002) Conceptions of space and time in activity/travel behaviour research. *Paper presented at the NSERC-SSHRC Networks of Centres of Excellence GEOIDE Phase 1 Project Soc#8 Joint Workshop on Modelling Approaches*, University of Toronto, Toronto, Ontario, January.

**Buliung, R.N.** (2001) Identifying spatial clusters of out-of-home activity events in Portland, Oregon. *Paper presented at the Annual Meeting of the Canadian Association of Geographers*, McGill University, Montreal, Quebec, May.

**Buliung, R.N.** (2001) Spatial patterns of out-of-home activities in Portland, Oregon. *Paper presented at the Annual Meeting of the Association of American Geographers*, New York, NY, Special Session on Activity-Travel Behaviour Research, February.

**Buliung, R.N.** (2000) Mobile source emissions in urban areas: The relative contribution of trucks. *Paper presented to the Hamilton Air Quality Initiative: Human Health Risk Assessment Subgroup*, McMaster University, Hamilton, Ontario, July.

**Buliung, R.N.** (2000) Mobile source emissions in urban areas: The relative contribution of trucks. *Paper presented at the Annual Meeting of the Canadian Association of Geographers*, Brock University, St. Catharines, Ontario, June.

**Buliung, R.N.** (1999) Exploring the process of university selection: The case of McMaster University. *Paper presented at the Annual Meeting of the Canadian Association of Geographers, Ontario Division (CAGONT)*, McMaster University, Hamilton, Ontario, October.

**Buliung, R.N.** (1999) McMaster University: Characterization of demand and identifying potential sites for a satellite campus. *Paper presented to the McMaster University Enrolment Management Committee*, McMaster University, Hamilton, Ontario, October.

Doka, S.E., Minns, C.K., Schertzer, W.M., and **Buliung, R.** (1998) Modelling thermal structure using a GIS to obtain habitat suitability indices. *Paper presented at the 41<sup>st</sup> Conference on Great Lakes Research*, McMaster University, Hamilton, Ontario, May.

## 11. INVITED LECTURES AND PUBLIC LECTURES

- |      |   |
|------|---|
| 2016 | The State of Active School Transport in the GTHA: 1986-2011. Healthy Cities: School & Municipal Design Workshop – Supporting Active & Sustainable School Transportation. Hamilton, ON. March 22 2016.   |
| 2015 | Good Parenting and the Journey to School. A networking breakfast for professional advisors. Counsel, Business Affairs and Advancement. University of Toronto, September 22 <sup>nd</sup> 2015.  |
| 2015 | The State of Active School Transport in the GTHA: 1986-2011. GTHA Active and Sustainable School Transportation Regional Hub. Metrolinx, January 23 2015.  |
| 2014 | Planning for the Next Generation. Toronto Arts and Letters Club. Sponsored by the Ontario Professional Planners Institute. October 22 <sup>nd</sup> .   |
| 2014 | Childhood in the City. Presented at request of VP Research to the UTM Academic Affairs Committee. September 18.   |
| 2014 | It's Time to Get Serious about Child's Play. Metrolinx (Regional Transportation Planning Authority for the Greater Toronto and Hamilton Area) Lunch & Learn Series, Toronto, Canada. September 9.   |
| 2012 | What happened to Walking? Faculty of Kinesiology and Physical Education Public Symposium. A public panel conversation about findings from Project BEAT. December 6, 2012. Keynote Speaker: Jennifer Keesmaat City of Toronto Chief Planner. Panelists: Ron Buliung, Guy Faulkner, Caroline Fusco. Moderator: Christopher Hume, Toronto Star Urban Affairs Reporter. |

- 2012 Invited discussant, The Environment, Nutrition, and Activity (ENACT) Research Symposium. Dalla Lana School of Public Health, University of Toronto, June 5 2012.
- 2011 5th International Specialist Meeting on ICT, Everyday Life and Urban Change, “Tara’s Blackberry isn’t Pink Afterall: Gender, ICTs, and Dynamic Ridesharing”, Deutsches Zentrum für Luft- und Raumfahrt, Berlin (GER), (December)
- 2010 Metrolinx, Smart Commutes of the GTHA, “Carpooling, TDM, and Program Delivery” (March)
- 2010 Metrolinx, Smart Commute, Travel Demand Management Committee. “Carpooling and Program Delivery” (February)
- 2010 Centre for Spatial Analysis Seminar, McMaster University. “Catching a Ride on the Information Super-highway”. (January)
- 2009 “The Impact of Power Retailing on Toronto’s Regional Landscape”, Research Forum Sponsored by the Cities Centre, Innis College. (May)
- 2009 Metrolinx, Travel Demand Management Committee. “Toward an Understanding of Carpool Formation and Use” (March)
- 2009 Getting Active on Active and Safe Routes to School. Canadian Active and Safe Routes to School Training Workshop. “Evaluating the Best Laid Plans” (March)
- 2009 Metrolinx, Smart Commute, Technical Committee. “Toward an Understanding of Carpool Formation and Use” (February)
- 2009 Biostatistics Seminar, 5250H, University of Toronto, “Toward the Conceptualization and Measurement of the Spaces of Daily Life (with A Primer on GIS)” (February)
- 2008 IDC Canada – You, Me & Green IT, Ontario Science Centre. “Cradle to Grave Perspectives on ICT in Daily Life”, National Green IT Panel. (April)
- 2007 York University, Geography Department Colloquium. “Driven to Shop”: Consumer Travel in the Age of Consumption. (October)
- 2006 Indian Institute of Technology (IIT), Mumbai (Bombay), Department of Civil Engineering. “Big-box retail, travel demand, and suburban sustainability”. (June)
- 2006 University of Toronto, Department of Civil Engineering, Transportation Research Seminar Series, Toronto, ON. “Big-box retail and consumer travel in the Greater Toronto Area”. (February)
- 2005 McMaster University, School of Geography and Geology, Departmental Seminar Series, Hamilton, ON. “Spatial measures for urban transport policy assessment”. (March)

- 2004 University of Toronto, Department of Civil Engineering, Transportation Research Seminar Series, Toronto, ON. “Exploring geographies of household activity participation”. (March)
- 2002 *GEOTECH 2002*, Toronto, ON. “GIS and the digital terroir: An experiment in advanced undergraduate education”. (April)
- 2001 *Public Health - The Challenges, The Research, The Possibilities, An Invitational Symposium*, Toronto, ON. “Exploring possibilities: GIS, spatial analysis and the City of Hamilton's well water resource”. (April)
- 1999 *New Tools for Teaching and Learning*, McMaster University, Hamilton, ON. “Using geographical information systems to cross the disciplinary divide”. (December)
- 1998 *Geographical Information Systems Symposium*, McMaster University, Hamilton, ON. “Integration of GIS in administrative applications at McMaster”. (October)

## **D. LIST OF COURSES**

### **12.A UNDERGRADUATE COURSES TAUGHT (number of students)**

#### *University of Toronto at Mississauga*

- 2006 GGR276H5F: Spatial Data Analysis and Mapping *Course Design and Instruction* (60)
- 2007 GGR276H5F: Spatial Data Analysis and Mapping *Course Design and Instruction* (56)
- 2006 GGR278H5S: Geographical Information Systems *Course Design and Instruction* (44)
- 2007 GGR278H5S: Geographical Information Systems *Course Design and Instruction* (65)
- 2008 GGR278H5S: Geographical Information Systems *Course Design and Instruction* (55)
- 2010 GGR278H5S: Geographical Information Systems *Course Design and Instruction* (93)
- 2011 GGR278H5S: Geographical Information Systems *Course Design and Instruction* (91)
- 2011 GGR278H5F: Geographical Information Systems *Course Design and Instruction* (87)
- 2013 GGR278H5F: Geographical Information Systems *Course Design and Instruction* (106)
- 2014 GGR278H5F: Geographical Information Systems *Course Design and Instruction* (132)
- 2015 GGR278H5F: Geographical Information Systems *Course Design and Instruction* (130)
- 2007 GGR370H5S: Planes, Trains, and Automobiles: The Geography of Transportation *Course Design and Instruction* (30)
- 2008 GGR370H5F: Planes, Trains, and Automobiles: The Geography of Transportation *Course Design and Instruction* (30)
- 2009 GGR370H5F: Planes, Trains, and Automobiles: The Geography of Transportation *Course Design and Instruction* ( 34)
- 2010 GGR370H5F: Planes, Trains, and Automobiles: The Geography of Transportation *Course Design and Instruction* ( 40)
- 2011 GGR370H5F: Planes, Trains, and Automobiles: The Geography of Transportation *Course Design and Instruction* ( 50)



- 2013 GGR370H5S: Planes, Trains, and Automobiles: The Geography of Transportation. Hired to teach 1/3 of the course.
- 2014 GGR370H5S: The Geography of Transportation *Course Design and Instruction* (60)
- 2015 GGR370H5S: The Geography of Transportation *Course Design and Instruction* (70)
- 2016 GGR370H5S: The Geography of Transportation *Course Design and Instruction* (51)
- 2015 GGR322H5S: GIS ad Public Health. *Course Design and Implementation* (39)
- 2016 GGR322H5S: GIS ad Public Health. *Course Design and Implementation* (24)
- 2014 GGR494H5S: Special Topics in GIS (GIS and Public Health) *Course Design and Instruction* (27)

*Honours Undergraduate Thesis Supervision (GGR417)*

- 2010-11 James Thoem, “Skate and Create”
- 2009-10 Vinhson Tran, “Bike Planning in Toronto”
- 2008-09 Randy Bui, “Examining carpool formation and use processes”
- 2007-08 Richard Allen, “Evaluating UPASS – student transit at UofT”
- 2006-07 Kalina Soltys, “Commuting connections: gender, carpooling, and W3”;  
Roger da Cunha, “The spatial evolution of power retail in the GTA”

*Research Opportunities Program (GGR399)*

- 2014 Sezen Abtihodzheva, “GIS Education in Canada”
- 2008 Randy Bui, “Wheels on the Bus: Exploring the recent success or failure of UPASS”

**12.B GRADUATE COURSES TAUGHT (number of students in brackets)**

*University of Toronto, St. George Campus*

- 2008 JPG2149: Urban Form and Travel Behaviour (Reading Course) (1)
- 2010 JPG2149: Employer Based Travel Demand Management (Reading Course) (1)
- 2010 JPG2149: Transnational Perspectives on Active Transportation (Reading Course) (1)
- 2007 JPG1556H: Transportation Systems Analysis: An Exploration of Concepts, Methods, Applications, and Emerging Issues (13)
- 2008 JPG1556H: Transportation Systems Analysis: An Exploration of Concepts, Methods, Applications, and Emerging Issues (10)
- 2009 JPG1556H: Transportation Systems Analysis: An Exploration of Concepts, Methods, Applications, and Emerging Issues (10)
- 2013 JPG1558H: Transport: Historical and Geographical Perspectives, The Historical Geography of Cycles and Cycling (15)
- 2014 JPG1558H: Transport: Historical and Geographical Perspectives, The Historical Geography of Cycles and Cycling (3)
- 2015 JPG1558H: Transport: Historical and Geographical Perspectives, The Historical Geography of Cycles and Cycling (5)

**12.C THESIS SUPERVISION (University of Toronto, unless noted otherwise)**

**Masters Students** (<sup>1</sup>primary supervisor, <sup>2</sup>secondary, <sup>3</sup>committee member):

1. <sup>1</sup>Andrew Picard, “A New Road Order” Current Issues Paper, Master of Science in Planning, University of Toronto (September 2015 – April 2016).
2. <sup>1</sup>Amina Menkad, “Space Reserved...Access Denied” Current Issues Paper, Master of Science in Planning, University of Toronto (September 2015 – April 2016).
3. <sup>1</sup>Michele Colley, “Gender and Transport across the GTHA” (September 2014 – present).
4. <sup>1</sup>Lea Ravensbergen-Hodgins, “Socioeconomic discrepancies in children’s accessibility to health promoting resources: an activity space analysis” (September 2013 – September 2015) (co-supervised with Dr. K. Wilson)
5. <sup>1</sup>Emily Grise, “A spatial analysis of pedestrian injury in Toronto” (September 2013 – September 2015)
6. <sup>2</sup>Tamara Augsten, “Tracing Equity in Cycle Planning” Current Issues Paper, Master of Science in Planning, University of Toronto (September 2014 – April 2015)
7. <sup>2</sup>Katie Wittman, “The Bike To School Project” Current Issues Paper, Master of Science in Planning, University of Toronto (September 2013 – April 2014)
8. <sup>2</sup>Garrett Morgan, “Missing the Rocket: Accessibility of TTC Subway for Users with Mobility Impairments” Current Issues Paper, Master of Science in Planning, University of Toronto (September 2013 – April 2014)
9. <sup>2</sup>A. Guliani, “...Children’s School Travel Behaviour in Toronto” Masters in Planning, Ryerson University (January – April 2014)
10. <sup>1</sup>Zarar Siddiqi, “Dynamic Ridesharing: The Role of Gender and Technology”, Department of Geography, University of Toronto (September 2009 – September 2012)
11. <sup>2</sup>Lori Flowers, “Parent’s, Built Environment, and School Travel”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2011 – April 2012).
12. <sup>3</sup>Andi Camden, “Impact of Countdown Timers on Pedestrian Injury”, Required Practicum for MHSoc (September 2010 – April 2011)
13. <sup>1</sup>Lijuan Zang, “Geographies of Public Internet Access”, Department of Geography, University of Toronto (September 2009 – June 2011)
14. <sup>1</sup>Randy Bui, “Geographical Trends in Carpool Formation and Use”, Department of Geography, University of Toronto (September 2009 – August 2011)
15. <sup>1</sup>Annya Shimi, “Non-Motorized Transport (NMT) in Dhaka”, Department of Geography, University of Toronto (September 2009 – January 2011)
16. <sup>1</sup>Kalina Soltys, “Gender, Carpooling and Cyberspace”, Department of Geography, University of Toronto (September 2007 – September 2009).
17. <sup>2</sup>Asya Bidordinova, “Utilitarian Cycling in Downtown Toronto: Motivators and Barriers”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2009 – April 2010)
18. <sup>2</sup>Stefan Cernak, “Green Roads in Toronto”, ”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2009 – April 2010)
19. <sup>1</sup>Morgan Skowronski, “Community Engagement & Capacity Building in Contested Public Spaces, A Case Study of Crothers’ Woods Trail Management Strategy”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2008 – April 2009).
20. <sup>2</sup>Erica Duque, “Are Cyclists in Toronto as Diverse as the City?”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2008 – April 2009).
21. <sup>2</sup>Shawn Chow, “Transit Oriented Development and the Sheppard Subway Line”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2008 – April 2009).

22. <sup>2</sup>Suzan Krepostman, “Beyond Boundaries: Evaluating the Current State of cross-boundary transit for persons with disabilities in the GTHA”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2008 – April 2009).
23. <sup>3</sup>Vanessa Richichi, “School Transport: The Perspective of Parents”, M.Sc., Physical Ed. & Health, University of Toronto (September 2007 – May 2009).
24. <sup>3</sup>Julien Bonin, “Shopping trip duration”, Geography and Earth Sciences, M.Sc., McMaster (September 2008).
25. <sup>2</sup>Jana Neumann, “Shifting gears or stalling? An analysis of bike lane planning and building in Toronto”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2007 – April 2008).
26. <sup>2</sup>Christopher Sidlar, “Transport and Brownfield Redevelopment”, Current Issues Paper, Master of Science in Planning, University of Toronto (September 2007 – April 2008).
27. <sup>1</sup>Joshua Mitchell, “Consumer travel patterns in the Greater Toronto Area”, Master of Spatial Analysis (January – September 2006)

**Doctoral Students** (<sup>1</sup>primary supervisor, <sup>2</sup>secondary, <sup>3</sup>committee member), Geography or Planning unless indicated otherwise:

1. <sup>1</sup>Lea Ravensbergen-Hogins, “Gender and cycling” (September 2015 – present)
2. <sup>1</sup>Naomi Schwartz, “Food Access and Security” (September 2015 – present)
3. <sup>1</sup>Haifa Al-Arasi, “Children in the City” (September 2015 – present)
4. <sup>3</sup>Claudio Sarmiento, “Gorilla and DIY Urbanism” (September 2014 – present)
5. <sup>3</sup>Asiya Bidordinova, “Cycling to modernity, cycling in Moscow” (September 2014 – present)
6. <sup>3</sup>JieLan Xu, “Healthy aging in post-growth society” (September 2014 – present)
7. <sup>1</sup>Timothy Ross, “Disability and Access to Education” (September 2013 – present)
8. <sup>1</sup>Kristian Larsen, “Traffic Exposure and the School Travel” (September 2008 – November 2013)
9. <sup>1</sup>Annya Shimi, “Child mobility” (September 2011 – September 2012)
10. <sup>1</sup>Raktim Mitra, “Childhood mobility, active transportation and the built environment” (September 2007 – July 2011)
11. George Mammen, “School Travel Planning” (September 2011 – December 2015) Faculty of Kinesiology and Physical Education, University of Toronto.
12. <sup>3</sup>Bilal Farooq, “Evolution of urban built space”, Civil Engineering (September 2010 – Dec. 2010)
13. <sup>3</sup>Lake Sagaris, “Living City” (January 2010 – 2013)
14. <sup>3</sup>Linda Rothman, “Child pedestrian injury and school travel”, Inst. Med. Sci., UofT (January 2011-2014).
15. <sup>3</sup>Bonny Wong, “Active School Transport in Ontario” (January 2010 – October 2015), Faculty of Physical Education and Health, University of Toronto.
16. <sup>3</sup>Jeremy McAndrew, “Place based social cohesion: examining the influence of contemporary activity patterns”, Geography and Environmental Studies, Wilfred Laurier University (January 2008 – x)
17. <sup>3</sup>Patrick Hodgson, “Spatial analysis of bird populations in Ontario”, Geography, University of Toronto (May 2008 – 2009)
18. <sup>3</sup>Limin Fang, “Suburban nucleation in the Greater Golden Horseshoe”, Department of Geography, University of Toronto (September 2007)
19. <sup>3</sup>Dominic Papinski, “Toward a better understanding of route choice behaviour”, Department of Geography and Earth Science, McMaster University (February 2007)

20. <sup>3</sup>Ilan Elgar, “Modelling office mobility and location decisions”, Department of Civil Engineering, University of Toronto (June – July 2007)

**Postdoctoral Fellows:**

1. Kristian Larsen, “Children’s Independent Mobility in the GTHA” (November 2013 – present).
2. Raktim Mitra, “The Geography of Active School Transport” (September 2011 – April 2012).
3. Dr. Tarmo Rimmel, “Geocomputational Tools for the Analysis and Visualisation of Activity-Travel Behaviour” (January – April 2006).

**12.D OTHER TEACHING AND LECTURES GIVEN**

***Internship Supervision***

Joshua Mitchell, Internship, *Exploring the Travel Impacts of ‘Big-Box’ Retail in the Greater Toronto Area*, Joint Master’s Program in Spatial Analysis, Ryerson University and the University of Toronto, January – April, 2006.

***Research Assistant Supervision*** (<sup>1</sup>undergraduate, <sup>2</sup>graduate, <sup>3</sup>post-grad):

James Thoen<sup>3</sup>, “Spatial Practices of Skateboarders in the City”, Sept. 2011 –March 2013.

Lijuan Zang<sup>2</sup>, “Wired Cities”, September 2008 – April, 2009.

Randy Bui<sup>1</sup>, “Geospatial Technology for the Analysis of Human Activities and Environmental Change in Canadian Cities and Metropolitan Regions”, May – September 2008.

Mike Lackner<sup>3</sup>, “Power Retail, Growth Management, and Consumer Travel Demand in the Greater Toronto Area”, March 2007 – April, 2008.

***Work Study Supervision***

2006-2007 Kalina Soltys; Zia Malik (GIS/IT Specialist Position)

***Seminars, Short Courses, and Guest Lectures***

2005 Introduction to the R Language for Statistical Computing, Department of Engineering, University of Toronto, October (20 attendees).

2002 GIS, Spatial Analysis and Population Health, McMaster University, November (18 attendees), October (17 attendees), May (40 attendees)

2002 Application of ArcGIS to the Study of Human Activities and Physical Processes, Wilfred Laurier University, June 11-13 (20 attendees)

2001 Environment and Health: Applications of Geographical Information Systems (GIS) and Spatial Analysis, University of the Aegean, Myteline, Lesvos Island, Greece, July 2-6 (20 students)

**E. ADMINISTRATIVE POSITIONS AND SERVICE**

**13.A POSITIONS HELD WITHIN THE UNIVERSITY**

2016 Graduate Committee, UTM

2016	Graduate Admissions Committee, Tri-Campus
2016	Research Council, UTM
2016	PTR Committee, UTM
2016	Academic Affairs, UTM
2015	Graduate Department of GEOGRAPHY - Graduate Chair Search Committee
2015	Internal referee for tenure and associate professor promotion. Civil Engineering, University of Toronto
2014	External referee for tenure and associate professor promotion. Dalhousie University, School of Architecture and Planning
2014	Academic Affairs, UTM
2015	Graduate Admissions Committee, Tri-Campus
2015	PTR Committee, UTM
2014	Internal Awards Committee, Tri-Campus
2014	Graduate Admissions Committee, Tri-Campus
2014	Teaching Committee, Yuhong He's tenure review committee (UTM)
2011	Teaching Committee, Nathan Basiliko's tenure review committee (UTM)
2011	Committee member, advisory group for university-wide statistics course (UTM)
2011	Internal Review Committee, NSERC (UTM)
2010-11	Program Advisor, Geographic Info. Sys. Maj./Min. (UTM)
2010-11	UTM Tri-council Grant Peer Review System
2009	Internal Review Committee, SSHRC/OGS
2009	Organizing Committee, CAGONT, UTM.
2008	Member, Space Planning Committee, St. George (UTM rep.).
2008	Member, Search Committee, Remote Sensing, UTM.
2008	Graduate Admissions Committee & Executive, Tri-Campus.
2007	Progress Through the Ranks Committee, Geography, UTM.
2007	Website Redesign Committee, Geography – UofT Geography, Tri-Campus
2006	Member, Search Committee, Remote Sensing, UTM.
2006-2010	Organisation and administration, <i>Csillag Seminar Series in Geography</i> , UTM
2006	Member, Hiring Committee, GIS/IT Specialist Position, UTM.

### 13.B EXTERNAL POSITIONS

2015-present	Member, Greater Toronto and Hamilton Area Active Sustainable School Travel Hub, Metrolinx, Province of Ontario.
2015-present	Steering Committee, Greater Toronto and Hamilton Area Active Sustainable School Travel Hub, Metrolinx, Province of Ontario.
2013-present	Member, International Editorial Board, Journal of Transport Geography
2011-2014	Member, Geographic Information Science Committee, Transportation Res. Bd.
2011	Ontario Graduate Scholarship Panel Member, Planning and Development
2009-2015	Mentor, Population Intervention for Chronic Disease Prevention
2009-2010	Member, Editorial Board, Canadian Journal of Transportation.
2008-2010	Vice President External, Canadian Transportation Research Forum (CTRF).
2008-2011	Member, Geographic Information Science Committee, Transportation Res. Bd.
2008-2010	Vice-Chair, Transportation Geography Specialty Group, Assoc. Amer. Geog.
2008-2009	Councillor, Canadian Transportation Research Forum (CTRF)
2007-	Canadian Transportation Research Forum, Student Scholarship Competition Referee
2007-	Judge for AAG Trans. Geog. Spec. Group MA, PhD Thesis Competition

2007	Ex-officio member and advisor to Smart Commute Mississauga
2006-2008	Officer, Transport Geography Specialty Group (TGSG), AAG.
2006-2008	Ontario Councillor, Canadian Regional Science Association
2006-	Friend, Transportation Research Board, Traveller Behavior and Values Committee

## **F. OTHER RELEVANT INFORMATION**

### **Conference and Special Session Organizing:**

- 2013 *Session Moderator*, Children’s Mobility as a Motivator for Complete Streets: How School Travel Planning Engages Communities to Make Routes to School Safer and More Inviting Complete Streets Forum 2013. Toronto, Canada (May 27 2013).
- 2013 *Session Organizer*, Children, Childhoods and Transportation Geography. Annual Meetings of the Association of American Geographers, Los Angeles, CA. April.
- 2012 *Session Chair*, International Association of Travel Behaviour Research, Toronto, Canada (July 15-20)
- 2010 *Conference Organising Committee*, 43<sup>rd</sup> Annual Meeting of the Canadian Transportation Research Forum, Toronto, May 30 – June 2<sup>nd</sup>.
- 2010 *Session Organiser*, The Mobility of Children and Youth: Current Research and Nascent Themes. Sponsored by the Transport Geography Specialty Group, Annual Meeting of the Association of American Geographers, Washington, April.
- 2009 Workshop Organizer and Co-Sponsor through my SSHRC, the 4<sup>th</sup> Specialist Meeting of ICT, Everyday Life, and Urban Change, Québec City, October.
- 2009 *Session Organiser, Session Chair*, Transportation, the Environment, and Health. Sponsored by the Transport Geography Specialty Group, Annual Meeting of the Association of American Geographers, Las Vegas, March.
- 2009 *Session Organiser, Session Chair*, Transportation, the Environment, and Health. North American Meetings of the Regional Science Association International, Brooklyn, NY., November.
- 2008 *Session Organiser, Session Chair*, Exploring “New” Geographies of Mobility and Accessibility: Theory, Modelling, and Policy Implications. Co-sponsored by the Transport Geography and Spatial Analysis Specialty Groups, Annual Meeting of the Association of American Geographers, Boston, April.
- 2007 *Program Committee, Session Organiser/Chair*, Magic Bullets to Magic Buckshot: Transportation Research and Policy in the Age of Integration, North American Meetings of the Regional Science Association International, Savannah, GA., November.
- 2007 *Conference Organiser*, Annual Meeting of the Canadian Regional Science Association, Mississauga, Ontario, September.
- 2007 *Session Organiser, Session Chair*, Transportation Geography in Canada, Annual Meeting of the Canadian Association of Geographers, Saskatoon, May.
- 2007 *Session Organiser, Session Chair*, Innovation in Activity-Travel Behaviour Research: Behavioural Analysis, Modelling, and Policy”, Sponsored by the Transport Geography Specialty Group (TGSG), Annual Meeting of the Association of American Geographers, San Francisco, April.
- 2006 *Program Committee, Session Organizer/Chair*, “Transport for the 21<sup>st</sup> Century”, North American Meetings of the Regional Science Association International, Toronto, November.
- 2006 *Session Organiser, Session Chair*, “Recent Innovations in Activity-Travel Behaviour

Research: Behavioural Analysis, Modelling, and Policy Linkages”, Sponsored by the Transport Geography Specialty Group (TGSG), Annual Meeting of the Association of American Geographers, Chicago, March.

2005 *Program Committee, Session Chair*, “Spatial Analysis of Urban Systems”, North American Meetings of the Regional Science Association International, Las Vegas, November.

**Press Coverage: \*interviewed, \*\*not interviewed but study I was involved in was the focus**

- 2016 \*Research Coverage: “Fewer Canadian Students Walking or Cycling to School Raises Concerns” Globe and Mail, National Edition, <http://www.theglobeandmail.com/news/national/education/fewer-canadian-students-walking-or-cycling-to-school-raises-concerns/article29535846/>
- 2016 \*Research Coverage: “Number of Hamilton students walking to school takes a dive” <http://www.900chml.com/2016/04/05/number-of-hamilton-students-walking-to-school-takes-a-dive/> Hamilton Spectator
- 2016 \*Research Coverage: “Fewer kids walk or bike to school – and that hurts everyone” [http://www.huffingtonpost.ca/university-of-toronto-news/fewer-children-walk-or-bike-to-school\\_b\\_9643210.html](http://www.huffingtonpost.ca/university-of-toronto-news/fewer-children-walk-or-bike-to-school_b_9643210.html) Huffington Post
- 2016 \*Research Coverage: “What happened to the idea of walking to school” <http://www.thespec.com/news-story/6454122-what-happened-to-the-idea-of-walking-to-school-/> Hamilton Spectator
- 2016 \*Research Coverage: “School travel is 20% of morning gridlock” <http://www.torontosun.com/2016/04/05/school-travel-is-20-of-morning-gridlock-study> Toronto Sun
- 2016 \*Research Coverage: “Fewer children walk or bike to school” <http://news.utoronto.ca/fewer-children-walk-or-bike-school-u-t-research-finds-and-thats-not-good> University of Toronto
- 2016 \*\*Research Coverage: “Why don’t kids walk to school anymore” <http://www.theglobeandmail.com/opinion/editorials/why-dont-kids-walk-to-school-any-more/article29546909/> Globe and Mail
- 2016 \*\*Research Coverage: “Study looks at declining trend of kids walking to school” <http://www.thestar.com/news/gta/transportation/2016/04/05/fewer-children-walking-to-school-metrolinx-report-says.html> Toronto Star
- 2016 \*\*Research Coverage: “Number of students driven to school doubled over 25 years: Metrolinx Report” [http://raisethehammer.org/article/2901/number\\_of\\_students\\_driven\\_to\\_school\\_doubled\\_over\\_25\\_years:\\_metrolinx\\_report](http://raisethehammer.org/article/2901/number_of_students_driven_to_school_doubled_over_25_years:_metrolinx_report) RaisetheHammer
- 2016 \*\*Research Coverage: “Time to walk the talk” <http://www.mississauga.com/opinion-story/6455584-time-to-walk-the-talk/> The Mississauga News
- 2016 \*\*Research Coverage: “More of Toronto’s kids should be walking to school” <http://www.thestar.com/opinion/editorials/2016/04/10/more-of-torontos-kids-should-be-walking-to-school-editorial.html> Toronto Star
- 2016 **Radio Broadcast Coverage concerning: Buliung, R.N., Colley, M. (2016) Greater Toronto and Hamilton Area School Travel Trends Reports.** Available at: <http://smartcommute.ca/getting-to-school/resources/research-reports/> [accessed, April 2016]

1. \*\***CBC Toronto** Note: Part 1: Report on Metrolinx study showing that fewer kids are walking to school. CBC Toronto - Wed Apr 6 2016, 6:12am ET - 8 minutes
2. \*\***CBC Toronto** Note: Part 2: Report on Metrolinx study showing that fewer kids are

- walking to school. CBC Toronto - Wed Apr 6 2016, 6:20am ET - 7 minutes
3. \*Live Drive Note: Report on fewer students walking or biking to school. Newstalk 1010 **CFRB Toronto** - Tue Apr 5 2016, 4:09pm ET - 7 minutes
  4. \*Evening News at 6 Note: Report on "Big Move" Plan to get more kids riding and walking to school. **CHCH Hamilton** - Tue Apr 5 2016, 6:24pm ET - 2 minutes
  5. \*\*Moore in the Morning - With John Moore  
Note: Part 1: Commentary on Metrolinx study showing fewer kids walk to school.  
Newstalk 1010 **CFRB Toronto** - Wed Apr 6 2016, 5:59am ET - 1 minute
  6. \*\*Moore in the Morning - With John Moore Note: Part 2: Commentary on Metrolinx study showing fewer kids walk to school. Newstalk 1010 **CFRB Toronto** - Wed Apr 6 2016, 6:00am ET - 1 minute
  7. Zoomer Radio AM740 Toronto Note: Commentary on Metrolinx study showing that fewer children walk to school. **Zoomer Radio** AM740 Toronto - Wed Apr 6 2016, 8:10am ET - 8 minutes
  8. Knockout Note: Commentary on Metrolinx study showing fewer kids walk to school.  
Newstalk 610 **CKTB** St. Catherines - Wed Apr 6 2016, 6:20pm ET - 10 minutes
- 2015 \*\*Research Coverage: "Kids free to explore and play are more health.."   
<http://www.cbc.ca/news/canada/toronto/kids-free-to-explore-and-play-are-more-healthy-study-finds-1.2921273>
- 2014 \*\*Research Coverage: "Pedestrian dies after being struck by St. Clair streetcar" Toronto Star on-line. Available From: <http://www.citynews.ca/2014/09/30/pedestrian-dies-after-being-struck-by-streetcar-near-keele-st-clair/>
- 2014 \*Suburban Cycling in Toronto, Interviewed on Metro Morning, CBC Radio
- 2014 \*The Cities Issue, "Children on the Move: Ron Buliung advocates for the city's smallest citizens" Edge Magazine 15(2): 8. Available at:   
<http://www.research.utoronto.ca/edge/fall2013/children-on-the-move/>
- 2014 \*\*Research coverage: "Busy streets still safe for kids, study says; More populated neighbourhoods tend to have fewer collisions" Toronto Star. Available From:   
[http://www.thestar.com/news/gta/2014/04/07/kids\\_rates\\_of\\_walking\\_to\\_school\\_not\\_linked\\_to\\_crashes\\_study.html](http://www.thestar.com/news/gta/2014/04/07/kids_rates_of_walking_to_school_not_linked_to_crashes_study.html)
- 2014 \*\*Research coverage: "Walking the walk: How cities can make it safe for kids en route to school" Globe and Mail. Available From:   
<http://www.theglobeandmail.com/life/parenting/walking-the-walk-how-cities-are-making-it-safe-for-kids-en-route-to-school/article17879793/#dashboard/follows/>
- 2013 \*Interviewed, Globe and Mail, Toronto Section of the Saturday Edition. (March 9, 2013) "It's a mall world: Casino proposal includes a shopping centre. Available from:   
<http://www.theglobeandmail.com/news/toronto/its-a-mall-world-casino-proposal-includes-a-shopping-centre/article9560428/?service=mobile> [Accessed, March 2013]
- 2013 \*\*Research coverage: "99% of GTA children not getting enough exercise: study." Toronto Star on-line. Available from:   
[http://www.thestar.com/life/health\\_wellness/2013/03/04/99\\_of\\_gta\\_children\\_not\\_getting\\_enough\\_exercise\\_study.html](http://www.thestar.com/life/health_wellness/2013/03/04/99_of_gta_children_not_getting_enough_exercise_study.html)



- 2012 \*\*Research coverage in Spacing magazine/SpacingToronto on-line. Neither snow, nor ice, nor sleet will keep a kid from walking to school. <http://spacingtoronto.ca/2012/07/31/neither-snow-nor-ice-nor-sleet-will-keep-a-kid-from-walking-to-school/>
- 2012 \*Interviewed by Public Radio International. “Toronto ground zero for debate on supporting cyclists on road” Available from: <http://www.pri.org/stories/politics-society/government/toronto-ground-zero-for-debate-on-supporting-cyclists-on-roads-9716.html> [Accessed June 2012].
- 2012 \*Interviewed for BBC News Magazine. “Cyclists accuse Toronto Mayor of waging war on bikes”. Available from: <http://www.bbc.co.uk/news/magazine-17914503> [Accessed June 2012].
- 2012 \*Interviewed by The Varsity. “Researchers at the U of T Cities Centre Show us their Work” Available at: <http://thevarsity.ca/2012/03/20/city-building-blocks-2/>
- 2012 \*\* “Traffic countdown signal not helping to reduce collisions, study finds car-pedestrian collisions just as common” Feb. 21, 2012, Ottawa Citizen. Synopsis of work with colleagues from SickKids on the efficacy of countdown timers for reducing pedestrian injury. Available at:<http://www.ottawacitizen.com/cars/Traffic+countdown+signal+helping+reduce+collisions+study+finds/6182116/story.html>
- 2010 \*Quoted, Toronto Sun (May 30<sup>th</sup>), “Transit bosses urged to put customers first”.
- 2009 \*It’s time to think outside the big box, Christopher Hume, Toronto Start discusses retail in the GTA with reference to my NEPTIS funded project on Power Retail and Transportation (May 11).
- 2009 \*\*Novae Res Urbis Vol. 12 (19) 2-4, “Retail Centres and Travel”, feature discusses my NEPTIS funded research into big box retail and travel demand.
- 2009 \*Featured in Heart & Stroke Foundation of Ontario Research Stories.
- 2009 \*Feature Story, UofT Mississauga Magazine (Spring 2009), “Ask the questions. search for answers: How four U of T Mississauga researchers are changing our world one question at a time”.
- 2009 \*Feature Story, UofT Mississauga Research Services, Research News (January, 2009), “Transit Tracking”.
- 2008 \*Quoted, Toronto Star (September 6<sup>th</sup>), “Rush hour hits school zone”.
- 2008 \*Quoted, National Post Article (February 22<sup>nd</sup>), “Finding a better way into Parkdale”.
- 2007 \*Panellist, Congestion in Peel, Rogers Television, Peel Region, “Talk Local”.

### **Knowledge Transfer Activities:**

- 2014 Toronto Student Active Transportation Summit, November 20, 2013. Toronto.
- 2012 CIHR Dissemination Event, Project BEAT (Built Environment and Active Transport) Dissemination: Walking the BEAT (December, 4).

Bunce, Susannah

## **CURRICULUM VITAE**

### **A) BIBLIOGRAPHICAL INFORMATION**

#### **1. PERSONAL**

**SUSANNAH BUNCE**

**62 Garnet Avenue  
Toronto, Ontario,  
Canada M6G 1V7**

**Department of Human Geography  
University of Toronto Scarborough  
MW 278, 1265 Military Trail,  
Toronto, Ontario,  
Canada M1C 1A4**

E-mail: scbunce@utsc.utoronto.ca

#### **2. DEGREES**

Ph.D. in Environmental Studies (2008); Faculty of Environmental Studies, York University - Dissertation Title: *Gentrifying Sustainability: Policy, Planning, and the Development of Sustainability on Toronto's Central Waterfront* Dr. Roger Keil (Program Supervisor), Dr. Gene Desfor (Dissertation Supervisor)

Master in Environmental Studies –Planning (1999); Faculty of Environmental Studies, York University - Major Paper Title: *Sweeping the Streets: Revitalization in Kensington Market, Toronto* Dr. Barbara Rahder (Program Supervisor), Dr. Beth Franklin (Research Supervisor)

Bachelor of Arts (Honours) (1994); History Specialization (with Honours), University of Guelph, Thesis Title: *Model Industrial Villages in England 1850-1900*

#### **3. EMPLOYMENT**

Assistant Professor	2010-	Geography, University of Toronto Scarborough
Assistant Professor (CLTA)	2008-2010	Geography, University of Toronto Scarborough
Post-Doctoral Research Fellow	2007-2008	York University
Sessional Instructor	2003-2008	York University
Research Assistant	2006-2007	York University
Teaching Assistant	2000-2003	York University

#### **4. OTHER AFFILIATIONS/APPOINTMENTS (University of Toronto)**

School of the Environment – Graduate Faculty Affiliate (2016-)  
Environmental Studies Program – Affiliate (2013-)  
Collaborative Specialization in Community Development - Affiliate (2011-)  
Graduate Program, Geography and Planning – Graduate Faculty Appointment (2010-)  
City Studies Program (2008-)

### **B. ACADEMIC HISTORY**

#### **5. HONOURS**

Principal's Undergraduate Teaching Award, University of Toronto Scarborough (2017)  
Professor of the Year Award, *Underground* (Student Publication), University of Toronto Scarborough (2013)

Dean's Special Merit Award, University of Toronto Scarborough (2012)  
Dean's Special Merit Award, University of Toronto Scarborough (2011)

## **6. RESEARCH GRANTS**

### **External Research Grants**

Social Sciences and Humanities Research Council of Canada (2016-)  
Connections Grant (Workshop Grant), *Habitecture for Urban Wildlife*  
Co-applicant (Principal Investigator: Dr. Susan Ruddick, University of Toronto), \$24,275

Social Sciences and Humanities Research Council of Canada (2013-)  
Insight Grant, *Crossing Boundaries: Encounters with Urban Wildlife in the Greater Toronto Area*  
Co-applicant (Principal Investigator: Dr. Susan Ruddick, University of Toronto), \$179,590

Social Sciences and Humanities Research Council of Canada (2013-17)  
Insight Grant, *Planning by Contract? An Empirical Study of the Legal and Governance Dimensions of Public Private Projects at the Local Level*  
Co-applicant (Principal Investigator: Dr. Mariana Valverde, University of Toronto), \$98,000

Social Sciences and Humanities Research Council of Canada (2009-13)  
Standard Research Grant, *Planning for Urban Community Land Trusts*  
Principal Investigator, \$49,717

### **Internal (University of Toronto) and Small Research Grants**

Social Sciences and Humanities Research Council of Canada (2017)  
Standard Institutional Grant, Sole Recipient, *Community Engagement in Urban Park Governance and Planning*, \$1346

Social Sciences and Humanities Research Council of Canada (2016)  
Standard Institutional Grant, Sole Recipient, *Sustainability Policy, Planning, and Gentrification in Cities* (Conference Travel), \$2646

Social Sciences and Humanities Research Council of Canada (2015)  
Standard Institutional Grant, Sole Recipient, *Sustainability Policy, Planning, and Gentrification in Cities* (Research and Editing), \$1110

Office of the Vice-Principal, Dean - University of Toronto (2013-15)  
*Community-University Engagement and Collaboration Workshop*  
(Co-recipient with Dr. Bettina Von Lieres, University of Toronto), \$17,394

Social Sciences and Humanities Research Council of Canada (2013)  
Standard Institutional Grant, Sole Recipient, *Geographies of Urban Eco-villages*, \$1000

Office of the Vice-Principal, Research - University of Toronto Scarborough (2012-13)  
Principal Investigator *Assessing Community-University Partnerships*, \$8,565

Centre of Excellence for Research on Immigration and Settlement (CERIS): The Ontario Metropolis Centre (2009-10) *Citizenship and Urban Space: Intersections of Belonging, Housing, and Settlement for Newcomers to Kingston-Galloway/Orton Park, Scarborough*  
Research Collaborator (Principal Investigator: Dr. Girish Daswani, University of Toronto), \$12,500

## Teaching Grants

United Way of Greater Toronto/Galin Foundation (2010-14)  
(Co-applicant with East Scarborough Storefront; Grant held by East Scarborough Storefront)  
*Kingston-Galloway/Orton Park Neighbourhood/University of Toronto Scarborough Partnership Initiative*  
\$150,000

Centre for Teaching and Learning, University of Toronto (2011-12)  
Teaching Enhancement Grant, \$4067

## 7. PROFESSIONAL AFFILIATIONS

Canadian Association of Geographers (2017-)  
Research Associate, CERIS: The Metropolis Centre (2009-)  
International Network of Urban Waterfront Research (2006-2008)  
Association of American Geographers (2005-), Urban Geography Specialty Group  
International Network of Urban Research and Action (1999-)  
Planner's Network Toronto (1999-)  
Ontario Professional Planners Institute/Canadian Institute of Planners – (Passed Exam B and eligible for advancement to Full Member)

## C. SCHOLARLY AND PROFESSIONAL WORK

### 8. REFEREED PUBLICATIONS (\* indicates a student)

#### Book (Monograph)

**Bunce, S.** (2018). *Sustainability Policy, Planning, and Gentrification in Cities* (Routledge Equity, Justice and the Sustainable City Book Series) Earthscan/Routledge: Abingdon

#### Journal Articles

**Bunce, S.** and Aslam, F.C.\* (2016). Land Trusts and the Protection and Stewardship of Land in Canada: Exploring Non-Governmental Land Trust Practices and the Role of Urban Community Land Trusts *Canadian Journal of Urban Research* 25(2), 23-34

**Bunce, S.** (2016). Pursuing Urban Commons: Politics and Alliances in Community Land Trust Activism in East London *Antipode* 48(1), 134-150

**Bunce, S.** and Allahwala, A. (2013). Community-University Partnerships: Building Collaboration and Reciprocity Between Campus and Community *Journal of Geography* 112(2) 52-53

Allahwala, A. and **Bunce, S.** (2013). Introduction and Conclusion to Symposium Issue: Building and Sustaining Reciprocal Community-University Partnerships in Marginalized Urban Areas *Journal of Geography* 112(2), 43-44, 53-55

**Bunce, S.** (2009). Developing Sustainability: Sustainability Policy and Gentrification on Toronto's Waterfront *Local Environment: International Journal of Justice and Sustainability* 14(7), 651-667

Moore, S. and **Bunce, S.** (2009). Delivering Sustainable Buildings and Communities: Eclipsing Social Concerns Through Private Sector-led Urban Regeneration and Development *Local Environment: International Journal of Justice and Sustainability* 14(7), 601-606

**Bunce, S.** and Desfor, G. (2007). Guest Editorial: Introduction to Political Ecologies of Urban Waterfront Transformations. *Cities: The International Journal of Urban Policy and Planning* 24(4), 251-258

Cowen, D. and **Bunce, S.** (2006). Competitive Cities and Secure Nations: Conflict and Convergence in Urban Waterfront Agendas after 9/11 *International Journal of Urban and Regional Research* 30(2), 427-439

**Bunce, S.** (2004). The Emergence of 'Smart Growth' Intensification in Toronto: Environment and Economy in the New Official Plan *Local Environment: An International Journal of Justice and Sustainability* 9(2), 177-19

### **Book Chapters**

**Bunce, S.** (Accepted Chapter in Book Manuscript). Alternatives to Gentrification: Exploring Urban Community Land Trusts and Ecovillages in: Lees, L. (ed.) *Handbook of Gentrification* (Palgrave) (32-page manuscript)

**Bunce, S.** (2011). Public-Private Sector Alliances in Sustainable Waterfront Revitalization: Policy, Planning, and Design in the West Don Lands in: Desfor, G. and Laidley, J. (eds.) *Re-shaping Toronto's Waterfront* University of Toronto Press, Toronto. pp. 287-304

### **9. NON-REFEREED PUBLICATIONS (\* indicates a student)**

East Scarborough Storefront/University of Toronto Scarborough (2015). *An Emerging Model for Meaningful Community-University Partnership: Evaluation of the Kingston-Galloway/Orton Park-University of Toronto Scarborough Partnership - 2011-2014* (Collective authors: **Bunce, S.**, Campbell, M., Cerda-Llanos, E., Gloger, A., McLean, H. \*, Tull, K.) (20 pages)

**Bunce, S.**, Von Lieres, B., and El-Hadi, N. \* (2015). *International Workshop on Community-University Engagement and Scholarship Report* (18 pages)

**Bunce, S.**, Khimani, N. \*, Sungu-Erylimaz, Y., and Earle, E. \* (2013). *Urban Community Land Trusts: Experiences from Canada, the United States, and Britain* (28 pages)

Daswani, G., **Bunce, S.**, and Cummings, M. (2011). *Citizenship and Urban Space: Intersections of Housing, Services, Identity and Belonging for Newcomers in Kingston-Galloway//Orton Park* CERIS: The Metropolis Centre – Working Paper No. 86 (89 pages)

**Bunce, S.** and Young, D. (2004). Image-Making by the Water: Global City Dreams and the Ecology of Exclusion on Toronto's Central Waterfront in: Paloscia, R., and Tripodi, L. (eds.) *The Contested Metropolis: Six Cities at the Turn of the 21st Century* Birkhauser, Basel. pp. 214-219

### **Invited Book Reviews**

**Bunce, S.** (2013). "Cities by Design" - Paul Knox *The Canadian Geographer* 57(1), e7-e7

**Bunce, S.** (2009). "The Public Metropolis: The Political Dynamics of Urban Expansion in the Toronto Region 1924-2003" - Frances Frisken *Canadian Journal of Urban Research* 18(1), S188-S188

### **Magazine Publication**

**Bunce, S.** (2012). Building Community Through Experience *UTSC Commons* (Spring Issue)

## **10. JOURNAL SPECIAL ISSUE GUEST EDITORIALS**

Allahwala, A. and **Bunce, S.** (2013). Building Reciprocal and Sustainable Community-University Partnerships *Journal of Geography* Volume 112, Issue 2

**Bunce, S.** and Moore, S. (2009). Delivering Sustainable Buildings and Communities *Local Environment: An International Journal of Justice and Sustainability* Volume 14, Number 7

**Bunce, S.** and Desfor, G. (2007). Political Ecologies of Urban Waterfront Transformations *Cities: The International Journal of Urban Policy and Planning* Volume 24, Issue 4

## **11. PEER REVIEW ACTIVITIES**

### **Journal Peer Review**

*Antipode* (x2), *Area* (x1), *Canadian Journal of Urban Research* (x2), *Cities: The International Journal of Urban Policy and Planning* (x2), *Community Development Journal* (x1), *European Urban and Regional Studies* (x2), *Geoforum* (x2), *International Journal of Urban and Regional Research* (x3), *Local Environment* (x2), *Transactions* (x1), *Urban Affairs Review* (x3), *Urban Geography* (x2), *Urban Studies* (x2), *Water Resources Management* (x1)

### **Research Grant Peer Review**

Social Sciences and Humanities Research Council of Canada: Insight Grant Evaluation (x2)

## **12. CONFERENCE PARTICIPATION**

### **Conference, Workshop, and Paper/Panel Session Organization**

Human Wildlife Encounters in Canadian Cities: Crossing Boundaries and Co-existences  
Canadian Association of Geographers conference, Toronto (2017) (Paper session organizer with Dr. Susan Ruddick, University of Toronto, Dr. Leesa Fawcett and Dr. Justin Podur, York University)

Re-inventing the Urban: Workshop on Habitecture for Wildlife (2016)  
University of Toronto (with Dr. Susan Ruddick)

Unlocking Public-Private Partnerships in Local Contexts Workshop (2014)  
University of Toronto (with Dr. Mariana Valverde, University of Toronto and Dr. Aaron Moore, University of Winnipeg)

International Workshop on Community-University Engagement and Scholarship (2014)  
University of Toronto (with Dr. Bettina von Lieres, University of Toronto)

Planning for Urban Community Land Trusts Workshop (2013)  
Workshop Organizer, University of Toronto

Canadian Association of Geographers Ontario Division conference, University of Toronto (2012)  
Conference Organizing Committee

The Role of Community Land Trusts in Sustainable Community Planning and Development  
Association of American Geographers conference, New York City (2012)  
(Paper session organizer with Dr. Yesim Sungu-Eryilmaz, Boston University)

Building and Sustaining Community-University Partnerships in Marginalized Urban Areas  
Association of American Geographers conference, Seattle, WA. (2011)  
(Panel session organizer with Dr. Ahmed Allahwala, University of Toronto)

Marginalized Urban Space and the Contours of Planning Discourses  
Royal Geographical Society/Institute of British Geographers conference, Manchester, UK. (2009)  
(Paper Session organizer with Dr. Jennifer Foster, York University)

Toronto's Changing Waterfront Seminar Series  
University of Toronto Cities Centre and City Institute at York University (2008),  
(Seminar Series organizer with Dr. Gene Desfor, York University)

Delivering Sustainable Buildings and Communities: Questioning Private Sector-Led Urban Regeneration  
and Development Policy Implementation Paper Session Co-organizer  
Association of American Geographers conference, Boston, MA. (2007)  
(Paper session organizer with Dr. Susan Moore, University College London)

International Network of Urban Waterfront Research Workshop  
Copenhagen, Denmark (2006) (Workshop organizer with Jennefer Laidley and Dr. Gene Desfor,  
York University)

### **Conference Papers and Panels**

Workshop Presentation: Urban Community Land Trusts: Toronto and London  
University College London/University of Toronto Workshop on Affordable Housing  
University College London, London, UK (2017)

Paper: Regulating Fear in the City: The Management and Policing of Coyotes in Toronto (with B. Clement\*)  
Canadian Association of Geographers conference, York University, Toronto (2017)

Paper: White Settler Environmentalism and Gentrification, Convergences of sustainability,  
gentrification, and displacement in the Zibi development, Ottawa, Canada  
Royal Geographical Society/Institute of British Geographers annual conference, London, UK (2016)

Paper: Pursuing Urban Commons: Politics and Alliances in Community Land Trust Activism in East London  
Association of American Geographers conference, Chicago, IL (2015)

Panel: An Emerging Model of Community-University Partnership, Cities of Learning: The University in  
the Americas conference, University of Toronto (2015)

Paper: Urban Community Land Trusts in Canada: Building on the U.S. Community Land Trust Model and  
Movement? Canadian Association of Geographers conference, St. John's, Newfoundland (2013)

Panel: Diverse Approaches to Teaching in Geography  
Canadian Association of Geographers – Ontario Division conference, Toronto, Ontario (2012)

Paper: Planning for Urban Community Land Trusts: A Comparative Study of Community Land Trusts in  
North American cities American Collegiate Schools of Planning conference, Cincinnati, OH (2012)

Paper: Planning for Urban Community Land Trusts: A Case Study of the East London Community Land  
Trust Association of American Geographers conference, New York City (2012)

Panel: The Role of Internships in Undergraduate Education  
Association of American Geographers conference, New York City (2012)



Paper: Urban Community Land Trusts: Organizing for Community-Based Land Ownership in Cities  
Association of American Geographers conference, Seattle, WA (2011)

Paper: Social Sustainability and Urban Community Land Trusts  
Association of American Geographers conference, Washington, D.C. (2010)

Paper: 'Helping Out' in the Urban Margins: University Outreach and Community Planning in Toronto's  
Priority Neighbourhoods Royal Geographical Society/Institute of British Geographers conference,  
Manchester, UK (2009)

Paper: Gentrifying Sustainability: Policy, Planning, and the Development of Sustainability on Toronto's  
Central Waterfront Association of American Geographers conference, Boston, MA (2008)

### **13. INVITED LECTURES AND PANELS**

Discussant for Paper Session: Be Constructive: Situating sustainability research at the nexus of positivism  
and reflective positionality Royal Geographical Society/Institute of British Geographers conference, London,  
UK (2016)

Discussant for Paper Session: Challenging Traditional Notions of Property in Land Use  
Planning Workshop, York University, Toronto (2016)

Lecture/Walking Tour: Toronto's Priority Neighbourhoods, University of Osaka, Japan - Multicultural  
Innovation Program and Department of Anthropology, University of Toronto, Toronto (2016)

Panel: Best Practices for Working with Community Partners, Centre for Community Partnerships, University  
of Toronto (2014)

Lecture/Walking Tour: Planning in Kensington Market, University of Osaka, Japan – Multicultural  
Innovation Program and Department of Anthropology, University of Toronto, Toronto (2014)

Panel: How Does Community-Based Learning Change Teaching, Learning, and Research?  
Centre for Teaching Support and Innovation, University of Toronto (2012)

Public Lecture: Urban Community Land Trusts, Parkdale Activity and Recreation Centre/ Parkdale People's  
Project, Toronto (2012)

Lecture: Organizing for Community-based Land Tenure and Affordable Housing in London, U.K.: A study  
of the East London Community Land Trust in Tower Hamlets, Department of Geography Colloquia Series,  
York University, Toronto

Lecture: Service Learning in Kingston-Galloway/Orton Park, Scarborough, Community Connection  
Leadership Forum, University of Toronto Scarborough (2011)

Public Panel: Re-shaping Toronto's Waterfront, Parler Fort Speaker Series, Fort York, Toronto (2011)

Lecture: Citizenship and Urban Space: Settlement for newcomers to Kingston-Galloway/Orton Park  
CERIS: The Ontario Metropolis Centre Seminar, Department of Anthropology, University of Toronto (2011)

Lecture: Community Planning in the Kingston-Galloway/Orton Park Priority Neighbourhood,  
Urban Space and Infrastructure Studio, Faculty of Architecture and Landscape Design, University of Toronto

## **D. LIST OF COURSES/STUDENT SUPERVISION – UNIVERSITY OF TORONTO (2008-2017)**

### **14. UNDERGRADUATE COURSES (\* indicates new course)**

Social Planning and Community Development (CITB03), City Studies, Department of Human Geography  
Winter 2016, 2017

\*Great Scarborough Mash-Up: People, Place, Community, Experience (GGRA35), Department of Human  
Geography, Fall 2014, 2016

\*Political Ecology: Theory and Applications (GGRC22) Department of Human Geography, Winter 2011,  
2012, 2013

\*Learning in Community Service (CITC02), City Studies, Department of Human Geography  
Summer 2009, Winter 2010, 2011, 2012, 2013, 2015, 2016, 2017

City Issues and Strategies (CITD01), City Studies, Department of Social Sciences, Winter 2010

\*Urban Communities and Neighbourhoods: East Scarborough Case Study (CITC01), City Studies,  
Department of Social Sciences, Fall 2009

Cities and Environments (GGRA03), Geography, Department of Social Sciences, Winter 2008, 2009, 2010

Urban Residential Geography (GGRC04), Geography, Department of Social Sciences, Winter 2009, Fall  
2009

Urban Political Geography (GGRC13), Geography, Department of Social Sciences, Fall 2008, 2009

\*Special Topics in Human Geography (GGRC41), Geography, Department of Social Sciences, Fall 2008

### **15. GRADUATE COURSES (\* indicates new courses)**

Planning for Change: Community Development in Practice (JPG 1812), Department of Geography and  
Planning, Fall 2017

\*Sustainability and Urban Communities (JPG 1518), Department of Geography and Planning,  
Fall 2011, 2012, 2014, 2016

### **16. GRADUATE STUDENT SUPERVISION**

Primary Supervisor (University of Toronto)

- 1) E. Modlinska (PhD Planning, 2014-)
- 2) A. Basit (PhD Planning, 2012-2017, co-supervisor with Emily Gilbert)
- 3) R. Lakanen (PhD Planning 2011-, co-supervisor with Susan Ruddick)
- 4) B. Clement (MA Geography 2016-)
- 5) K. Nowakowski (MA Geography 2012-2013, completed)
- 6) M. Firoz-Ali (MSc in Sustainability Management 2015-2016, completed)
- 7) A. Coopersmith (MSc Planning CIP 2016-2017, completed)
- 8) A. Khan (MSc Planning CIP 2016-2017, completed)
- 9) C. Rowan (MSc Planning CIP 2015-2016, completed)
- 10) H. Sewell (MSc Planning CIP 2015-2016, completed)
- 11) S. Plottel (MSc Planning CIP 2015-2016, completed)

- 12) H. Ali (MSc Planning CIP 2012-2013, completed)
- 13) M. Thorpe (MSc Planning CIP 2011-2012, completed)

#### Graduate Student Committee Membership (University of Toronto)

- 1) D. Walker (PhD Faculty of Information, 2017-)
- 2) K. Slater (PhD Geography, 2017-)
- 3) J. Kowalski (PhD Geography 2017-)
- 4) K. Nelischer (PhD Planning 2016-)
- 5) T. Ledsham (PhD Planning 2016-)
- 6) M. Lie-Paehlke (PhD Planning 2016-)
- 7) J. Mah (PhD Planning 2014-)
- 8) J. Krupa (PhD Geography 2013-)
- 9) N. Latulippe (PhD Geography 2012-2017, completed)
- 10) N. El-Hadi (PhD Planning, 2010-)

#### Examination Committees (University of Toronto)

- 1) J. Gill (MA Geography, 2017)
- 2) M. Hunter (MA Geography, 2017)
- 3) A. Crompton (MA Geography, 2017)
- 4) P. Kubara (MA Geography, 2016)
- 5) A. Almas (PhD Geography, 2016)
- 6) G. McGregor (MA Geography, 2014)
- 6) J. Akers, (PhD Planning, 2013)
- 7) A. Skinner (MA Geography, 2013)
- 8) L. Ohberg (MA Geography, 2012)
- 9) L. Freeman PhD Geography, 2012)
- 10) D. Roberts (PhD Geography, 2012)
- 11) C. Parkinson (MA Geography, 2012)
- 12) C. Ponder (MA Geography, 2011)

#### Undergraduate Research Supervisor (University of Toronto)

- 1) S. Zaynab (GGRD01, 2017, completed)
- 2) M. Lee (GGRD01, 2013, completed)
- 3) M. Karunahara (GGRD01, 2012, completed)
- 4) H. Osman (CITD01, 2009, completed)
- 5) Z. Khan (CITD01, 2009, completed)

#### Thesis External Examiner

- 1) K. Raynor, PhD Planning, Faculty of Property and Planning, Queensland University of Technology, Australia (2017)
- 2) A. Airas, PhD Geography, Department of Geosciences and Geography, University of Helsinki, Finland (2015)

#### Research Assistant Supervision (University of Toronto)

- 1) B. Clement (MA student) (2016-)
- 2) J. Mah (PhD student) (2016-)
- 3) E. Modlinska (PhD student) (2016-)
- 4) G. Tran (MA student) (2015)
- 5) R. Lakanen (PhD student) (2014, 2016)
- 6) H. McLean (Post-Doctoral student) (2012, 2013)
- 7) N. El-Hadi (PhD student) (2010, 2014, 2015)

- 8) K. Nowakowski (MA student) (2013)
- 9) N. Khimani (MScPl student) (2013)
- 10) H. Syed (BA student) (2013)
- 11) Z. Khan (BA student) (2010)
- 12) C. Martelo (BA student) (2010)
- 13) J. Gawor (BA student) (2010)
- 14) F.C. Aslam (BA student) (2009, 2010)

#### **E) SERVICE (University of Toronto)**

Associate Chair, Department of Human Geography (2017-)  
 Subcommittee Member, Committee on the Environment, Climate Change, and Sustainability (2017-)  
 Discipline Representative, Collaborative Specialization in Community Development program (2017-)  
 Graduate Geography Program Committee, Geography and Planning (2017-)  
 Departmental Council Chair, Department of Human Geography (2016-)  
 Innovations in Undergraduate Research Working Group, Office of the Vice-Provost of Undergraduate Education (2016-2017)  
 Ontario Graduate Scholarship Review Committee, Geography and Planning (2016, 2017)  
 Faculty Advisory Board, Centre for Community Partnerships (2015-2017)  
 Diversity Committee, Geography and Planning (2014, 2015)  
 Research Advisory Board, University of Toronto Scarborough (2013-2015)  
 Search Committee for Chair of Human Geography (2012)  
 Search Committee for Urban Geography CLTA, Department of Human Geography (2012)  
 Graduate Admissions Committee, Geography and Planning (2012)  
 Watts Lecture Organizing Committee, University of Toronto Scarborough (2012)  
 Subcommittee on Academic Standing, University of Toronto Scarborough (2011-2012)  
 City Studies Program Committee, Department of Human Geography (2011-)  
 SSHRC Application Review Committee, Geography and Planning (2011)  
 Community Connections Forum Committee, University of Toronto Scarborough (2010)  
 University of Toronto Scarborough-East Scarborough Storefront Partnership Steering Committee (2010-2016)  
 Planning and Budget Committee, University of Toronto Scarborough (2010-2012)  
 University of Toronto Scarborough Representative, Kingston-Galloway/Orton Park Neighbourhood Action Partnership Committee (2008-2011)

#### **F) OTHER PROFESSIONAL AND COMMUNITY EXPERIENCE**

East Scarborough Storefront Steering Committee, Toronto (2011-2013)  
 East Scarborough Storefront, Toronto - Community Partnership Working Committee and Community Space Working Committee (2011-2013)  
 East Scarborough Storefront, Toronto - Community Forum Organizing Committee (2008)  
 Planning Action, Toronto - Public Space in the Suburbs Public Forum Organizing Committee (2006)  
 Planning Action, Toronto - Social Justice and the Car-free City Public Forum Organizing Committee (2004)  
 Planning Action, Toronto - Claim the City: Planning, Politics, and Participatory Democracy Public Forum Organizing Committee (2003)  
 Planning Action, Toronto - Everyday Issues and Participatory Planning Public Forum Organizing Committee (2002)  
 Planning Action, Toronto - Out of Space: Spatial Justice in Toronto Public Forum Organizing Committee (2001)  
 Planning Action, Toronto - Co-founder with Deborah Cowen and Steering Committee Member (2001-2006)  
 Greenest City Environmental Organization, Toronto – Community Planner, Active and Safe Routes to School Program and Multicultural Greening Project (1998-1999)  
 Greenest City Environmental Organization, Toronto - Strategic Planning Committee (1998-1999)  
 Kensington Market Action Committee, Toronto – Board of Directors (1997-1999)

Kensington Market Community Housing Committee, Toronto - Facilitator, Participatory Planning and Design Workshop (1997)  
City of Toronto Roundtable for the Kyoto Summit - Roundtable Participant (1996-1997)  
City of Toronto Healthy City Office - City of Toronto Pedestrian Committee (1996-1998)  
FoodShare Toronto - Policy Researcher and Food Hotline Organizer (1995-1998)

**G) MEDIA INTERVIEWS**

*CBC Metro Morning* (radio) (x1), *CTV News* (x1), *The Toronto Star* (x2), *The Globe and Mail* (x2), *University of Toronto Bulletin* (x1), *UTSC News* (1), *University of Toronto Magazine* (x1), *Eye Magazine* (x1), *Spacing Magazine* (x1), *Inside Toronto* (x1)

Desrochers, Pierre

## **FACULTY OF ARTS AND SCIENCE FORMAT FOR C.V.**

### **A. BIOGRAPHICAL INFORMATION**

#### **1. PERSONAL**

##### **Pierre Desrochers**

*Departmental address:*

Department of Geography  
University of Toronto Mississauga  
3359 Mississauga Road, Mississauga (Ontario)  
Canada L5L 1C6  
Tel.: (905) 828-5206; Fax: (905) 828-5273

*Home address:*

125 Millview Court, PO Box 388  
Rockwood (Ontario)  
Canada N0B 2K0  
Tel.: (519) 605-0698

*Virtual address*

Webpage: <http://geog.utm.utoronto.ca/desrochers/>  
E-mails: [pierre.desrochers@utoronto.ca](mailto:pierre.desrochers@utoronto.ca) ; [desrocp@yahoo.com](mailto:desrocp@yahoo.com)

#### **2. DEGREES**

- Ph.D. Geography, 2000, Université de Montréal (Thesis Supervisor: William Coffey)  
*Thesis subject:* Local economic diversity and know-how transfers between different lines of work.  
(Original title: « De l'influence d'un milieu diversifié sur la combinaison de techniques. Typologie et analyse de processus. »).
- M.A. Urban Studies, 1995, INRS-Urbanisation Culture Société
- B.Sc. Political Sciences, 1992, Université de Montréal

### 3. EMPLOYMENT

*Present appointment:*

Department of Geography, University of Toronto

**Associate Professor** (with tenure), June 2008 – present

Assistant Professor, June 2003 – May 2008

*Other academic or related appointments:*

Jan-May 2010 **Senior Research Fellow**, Center for the History of Political Economy (HOPE),  
Department of Economics, Duke University, Durham (NC)

July-Dec 2009 **Julian L. Simon Fellow**, Property and Environment Research Center (PERC),  
Bozeman (MT)

2001-2003 **Research Director**, Institut économique de Montréal, Montréal (QC)

2000–2001 **Post-doctoral Fellow**, W. P. Carey Programs on Entrepreneurship and  
Management, Johns Hopkins University, Baltimore (MD)

1999-2000 **Senior Research Fellow**, Institute for Policy Studies, Johns Hopkins University

Summer 1999 **Research Fellow**, PERC

Summer 1998 **Research Fellow**, Institute for Humane Studies, George Mason University (VA)

Summer 1996 **Research Fellow**, Centre interdisciplinaire d'études urbaines, Université de  
Toulouse - Le Mirail et CNRS, Toulouse (FR)



#### 4. HONOURS

- Semi-finalist, 2014 Coolidge Prize for Journalism (Calvin Coolidge Presidential Foundation)
- January 2010 - May 2010: Senior Research Fellow, HOPE, Duke University (\$10,000)
- July 2009 - December 2009: Julian L. Simon Fellow, PERC (\$20,000)
- University of Toronto Mississauga
  - 2008 UTM Dean Merit Award
  - 2007 UTM Dean Merit Award
  - 2005 UTM Faculty Excellence Award
- 2006 Smith-FEE Prize for best article inspired by Austrian economics published in the last 3 years, Society for the Development of Austrian Economics (\$1000 US) (for “Industrial Symbiosis: The Case for Market Coordination,” *Journal of Cleaner Production*, vol. 12, no. 8-10 (October-December 2004): 1099-1110)
- Emerald Management Reviews’ Independent Review Board - Author of top environmental management paper and one of top fifty management articles of 2002 (selected out of 20,000 articles - for “Industrial Ecology and the Rediscovery of Inter-Firm Recycling Linkages”, *Industrial and Corporate Change*, vol. 11, no. 5 (November 2002): 1031-1057)
- Winner of the 2003 Young Scholar Award from the Fund for the Study of Spontaneous Orders, Atlas Foundation (\$10 000 US)
- 1999 William S. Broadbent Fellow, Political Economy Research Centre. (Awarded to the author of the best essay written by a PERC fellow in 1999) (\$1000 US) (for paper eventually published as “Eco-Industrial Parks: The Case for Private Planning”, *The Independent Review: A Journal of Political Economy*, vol. 5, no. 3 (Winter 2001): 345-371)
- Winner (1 of 9), 1997 Mitchell Prize Young Scholars Competition, “Policy Instruments for the Transition to Sustainable Development”, Houston Advanced Research Centre. (\$1000 US) (for paper eventually published as “Industrial Ecology and the Rediscovery of Inter-Firm Recycling Linkages”, *Industrial and Corporate Change*, vol. 11, no. 5 (November 2002): 1031-1057)
- Winner, 1997 Annual Essay Competition for Graduate Students of the Society for the Development of Austrian Economics. (\$1000 US) (for paper eventually published as “Geographical Proximity and the Transmission of Tacit Knowledge,” *The Review of Austrian Economics*, vol. 14, no. 1 (Winter 2001): 25-46)

## 5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

### *Professional Societies and Organizations*

- Member, Canadian Regional Science Association (2004 - )
  - Executive Committee (2007 - present)
  - Treasurer (2007 - present)
  - Main organizer of 2007 annual meeting (University Toronto Mississauga)
  - Program director, 2005 and 2007 annual meetings
  - Redesigned website (jointly with Ron Buliung, UTM Geography) (2006)
  - Secretary for annual meeting (2005; 2006; 2008)
  
- Member, International Society for Industrial Ecology (2003 - 2010)
  - Abstract reviewer (industrial symbiosis stream), 2015 meeting
  - Program committee, 2007 Toronto meeting of the society
  - Nominating and Membership Committees (2005)
  
- Member (no special contribution)
  - Association of American Geographers (2004 - )
  - Business History Conference (2009 - 2011)
  - Canadian Association of Geographers (2004 - )
  - International Sustainable Development Research Society (2007 - 2011)
  - Sigma Xi (1997 - 2002)
  - Society for the Development of Austrian Economics (2004 - )

### *Peer-Reviewed Journals*

- Book review editor, *Electronic Journal of Sustainable Development* (2007 - 2010)
  
- Editorial board member
  - *Canadian Journal of Regional Science* (2009 - )
  - *Déchets, Sciences et Techniques* (2005 - )
  - *Electronic Journal of Sustainable Development* (2007 - 2010)
  - *Journal of Libertarian Studies* (2002 - 2008)
  - *Journal of Prices and Markets* (2013 - )
  - *Progress in Industrial Ecology* (2004 - )
  - *Studies in Emergent Order* (2010 - 2013)

### *Think Tanks and Public Policy Organizations*

- Academic Reviewer, Institute for Humane Studies (George Mason University) (2008 - )
- Affiliated Faculty, Foundation for Economic Education (2015 - )
- Affiliated Scholar, Mercatus Center (George Mason University) (2008 - )
- Research Fellow, Institut économique de Montréal (2003 - )
- Research Fellow, Institut économique Molinari (2010 - )
- Senior Fellow, Frontier Center for Public Policy (2013 - )
- Senior Fellow, Centre for Industrial Progress (2015 - )

Referee (academic articles, major reports and grant proposals)

- Academic journals (several reviews for some journals)
- *Bulletin of Geography. Socio-economic Series.*
- *Business & Politics*
- *Cahiers de géographie du Québec*
- *Canadian Geographer*
- *Canadian Journal of Regional Science*
- *Creativity & Innovation Management*
- *EconJournalWatch*
- *Economic Development Quarterly*
- *Electronic Journal of Sustainable Development*
- *Energy Journal*
- *Enterprise & Society*
- *Entrepreneurship Theory and Practice*
- *Environment and Planning A*
- *Environment and Planning C*
- *Environment, Development and Sustainability*
- *European Planning Studies*
- *Geoforum*
- *Geografiska Annaler B*
- *Geographical Journal*
- *Independent Review*
- *Industry and Innovation*
- *Innovation: Management, Policy & Practice*
- *International Journal of Entrepreneurship and Innovation Management*
- *International Journal of Information Technology & Decision Making*
- *International Journal of Sustainable Development*
- *International Small Business Journal*
- *Interventions économiques*
- *Journal of Cleaner Production*
- *Journal of Economic Geography*
- *Journal of Environmental Management*
- *Journal of Environmental Planning and Management*
- *Journal of Evolutionary Economics*
- *Journal of Industrial Ecology*
- *Journal of Institutional Economics*
- *Journal of Planning Literature*
- *Management international*
- *New Zealand Economic Papers*
- *Pacific Historical Review*
- *Papers of Applied Geography Conference*
- *Progress in Industrial Ecology*
- *Quarterly Journal of Austrian Economics*
- *Regional Studies*
- *Resources, Conservation and Recycling*
- *Review of Austrian Economics*
- *Review of Economic Philosophy*
- *Revue internationale PME*
- *Science and Public Policy*
- *Small Business Economics*
- *VertigO*

- Research Councils and Granting Agencies (several for some agencies)

*Canada*

- Canada Foundation for Innovation
- Social Sciences and Humanities Research Council of Canada

*Other countries*

- Academy of Finland
- Agence nationale de la recherche (France)
- National Science Foundation (USA)
- NWO (Netherlands Organization for Scientific Research)

- Private Foundations

- Earhart Foundation (USA)
- National Geographic Society

- Book Publishers

- Cambridge University Press
- McGill-Queen's University Press
- Oxford University Press
- Pearson Education Canada
- Routledge

- Think Tanks and Policy Institutes (several reviews for some organizations)

- Fraser Institute (Canada)
- Frontier Centre for Public Policy (Canada)
- Montreal Economic Institute (Canada)
- MacDonald-Laurier Institute (Canada)
- Institute for Liberal Studies (Canada)
- Mercatus Center (USA)
- Property and Environment Research Center (USA)
- Institute of Economic Affairs (United Kingdom)
- Liberty Institute (India)
- Institut économique Molinari (France)

## B. ACADEMIC HISTORY

### 6. A. RESEARCH ENDEAVOURS

#### *Geography of Innovation / Innovation Policy*

- Local economic diversity and technology transfers across industries
- University-industry technology transfers, intellectual property policy and regional development
- Methodological individualism and induction as theoretical/epistemological alternatives

#### *Industry-Environment Interactions / Business and Environmental Ethics* (historical perspective)

- Win-win innovations (with both economic and environmental benefits), emphasis on waste recovery linkages between different industries
- Porter Hypothesis (environmental regulation and innovative behaviour)

#### *Food Policy*

- Locavorism (local food movement), contemporary and historical perspectives
- Long distance trade and food security

#### *History of Environmental Thought*

- Environmental impact of population growth/Malthusianism
- American environmentalist thought, 1930s-1960s

#### *Energy Policy*

- Canadian hydrocarbon energy production, processing and distribution
- Fossil fuel divestment movement

#### *Biographical Research/ History of Ideas*

- Jane Jacobs (1916-2006), urban theorist (economic thought)
- Peter Lund Simmonds (1814-1897), British resource economist and food writer

### B. RESEARCH AWARDS (grants, contracts, fellowships) during preceding 5 years including:

#### GRANTS (preceding 5 years)

#### Major Grants and Scholarships ( $\geq$ \$15,000 / year):

##### *Governmental Agencies and Academic Institutions*

- “Local Diversity and Interindustrial Knowledge Spillovers: A Case Study of Ontario Inventors”, April 2005 - April 2008 (extended to April 2010), Social Sciences and Humanities Research Council of Canada (SSHRC) (sole investigator)

##### *Private Foundations*

- *The Legacy of Rachel Carson* - for a book commemorating *Silent Spring*'s 50<sup>th</sup> anniversary, Fall 2009 - Spring 2011, Earhart Foundation (jointly with Roger Meiners (University of Texas-Arlington) and Andy Morriss (University of Alabama))

**Minor Grants and Scholarships** ( $\leq$  \$15,000 / year):  
(No minor grants and scholarships in the last five (5) years)

**CONTRACTS** ( $\$5,000 \leq x \leq \$20,000$ )

- *Fossil Fuel Divestment Campaigns in Universities* (with Hiroko Shimizu). Frontier Centre for Public Policy, September-October 2015, all money to co-author.
- *Photo Speed Enforcement and Public Safety* (with Hiroko Shimizu). Frontier Centre for Public Policy, June-September 2015, all money to co-author.
- *Economic and Locational Dynamics of the Canadian Petroleum Refining Sector* (with Hiroko Shimizu). Canadian Fuels Association, June-August 2013, all money to co-author.
- *Green Innovations in Alberta's Bituminous Sands* (with Hiroko Shimizu). Montreal Economic Institute, October 2011 – March 2012, all money to co-author.
- *In Praise of the 10,000 Mile Diet* (with Hiroko Shimizu). Book contract (PublicAffairs Books), April 2010-February 2012, all money to co-author.

C. **PATENTS** awarded during past 5 years.

None

**C. SCHOLARLY AND PROFESSIONAL WORK**

7. Refereed publications (list published work or work accepted for publication in chronological order).

A. Articles [Note: “\*” indicates a peer-reviewed invited contribution]

45. “Squandered Profit Opportunities? Some Historical Perspective on Wasteful Industrial Behavior and the Porter Hypothesis” (1<sup>st</sup> author, with Colleen Haight). *Resources, Conservation and Recycling*, vol. 92 (November 2014), pp. 179-189.
44. « Peut-on être écologiquement vertueux sans être socialement responsable? L'exemple du recyclage des déchets au dix-neuvième siècle » (2<sup>nd</sup> author, with Erwan Quéinnec). *VSE: Vie et sciences de l'entreprise*, no. 195-196 (December 2013), pp. 99-116.
43. “Regional Economic Analysis: The Case for Methodological Individualism” (2<sup>nd</sup> author, with Samuli Leppälä). *Advances in Austrian Economics*, vol. 16 (2012), pp. 25-56.\*
42. “Freedom Vs Coercion in Industrial Ecology: A Reply to Boons.” *EconJournalWatch*, vol. 9, no. 2 (May 2012), pp. 78-99.
41. “Opening up the Black Box of Jacobs Externalities” (1<sup>st</sup> author, with Samuli Leppälä). *Journal of Economic Geography*, vol. 11, no. 5 (September 2011), pp. 843-863.
40. “Promoting Corporate Environmental Sustainability in the Victorian Era: The Bethnal Green Museum Permanent Waste Exhibit (1875-1928),” *V&A Online Journal* (Spring 2011), Issue 3.\* [UK Victoria & Albert Museum's online journal]

39. “Creative Local Environments: The Case for Local Economic Diversity” (1<sup>st</sup> author, with Samuli Leppälä). *Creativity & Innovation Management*, vol. 20, no. 1 (March 2011), pp. 59-69.
38. “Les arguments contre la souveraineté alimentaire et l’agriculture de proximité. Essai de synthèse historique” (1<sup>st</sup> author, with Hiroko Shimizu). *Possibles*, vol. 34, no. 1-2 (Summer 2010), pp. 191-228\* [The Case against Food Sovereignty and (Uncompetitive) Local Agriculture. An Essay in Historical Synthesis]
37. “Industrial Symbiosis: Old Wine in Recycled Bottles? Some Perspective from the History of Economic and Geographical Thought” (1<sup>st</sup> author, with Samuli Leppälä), *International Regional Science Review*, vol. 33, no. 3 (July 2010), pp. 338-361.
36. “The Division of Labor Needs Not Imply Regional Specialization” (2<sup>nd</sup> author, with Samuli Leppälä), *Journal of Economic Behavior and Organization*, vol. 74, nos. 1-2 (May 2010), pp. 135-147.
35. “The Environmental Responsibility of Business is to Increase its Profits (by Creating Value within the Bounds of Property Rights).” *Industrial and Corporate Change*, vol. 19, no. 1 (February 2010), pp. 161-204.
34. “Victorian Pioneers of Corporate Sustainability.” *Business History Review*, vol. 83, issue 4 (Winter 2009), pp. 703-729.
33. “The Next Silicon Valley? On the Relationship between Geographical Clustering and Public Policy” (3<sup>rd</sup> author, with Gert-Jan Hospers and Frédéric Sautet). *International Entrepreneurship & Management Journal*, vol. 5, issue 3 (September 2009), pp. 285-299.
32. « Et si la main invisible avait le pouce vert? Aperçu historique sur le développement de « boucles industrielles » dans les économies de marché. » *Management International*, vol. 13, no. 4 (Été 2009), pp. 103-114. [What if the Invisible Hand had a Green Thumb? Historical Perspective on Loop Closing in Market Economies]
31. “The Post War Intellectual Roots of *The Population Bomb*. Fairfield Osborn’s *Our Plundered Planet* and William Vogt’s *Road to Survival* in Retrospect” (1<sup>st</sup> author, with Christine Hoffbauer). *Electronic Journal of Sustainable Development*, vol. 1, issue 3 (Summer 2009), pp. 73-97.\*
30. “Does the Invisible Hand have a Green Thumb? Market Incentives and the Development of Wealth from Industrial Waste in Victorian England.” *Geographical Journal*, vol. 175, no. 1 (March 2009), pp. 3-16.
29. “Did the Invisible Hand Need a Regulatory Glove to Develop a Green Thumb? Some Historical Perspective on Market Incentives, Win-Win Innovations and the Porter Hypothesis.” *Environmental and Resource Economics*, vol. 41, no. 4 (December 2008), pp. 519-539.
28. “Bringing Inter-Regional Linkages Back In: Industrial Symbiosis, International Trade and the Emergence of the Synthetic Dyes Industry in the Late 19<sup>th</sup> Century.” *Progress in Industrial Ecology*, vol. 5, no. 5-6 (December 2008), pp. 465-481.
27. “Policy Environments that Best Enable Entrepreneurship: The Case of Regional Specialization Vs Spontaneous Industrial Diversity” (1<sup>st</sup> author, with Frédéric Sautet). *Entrepreneurship: Theory & Practice*, vol. 32, no. 5 (September 2008), pp. 813-832.

26. “The Death and Life of a Reluctant Urban Icon. A Review Essay on *Jane Jacobs, Urban Visionary* by Alice Sparberg Alexiou.” *Journal of Libertarian Studies*, vol. 23, no. 3 (Fall 2007), pp. 37-58.\*
25. “‘Business as Usual’ in the Industrial Age: (Relatively) Lean, Green and Eco-Efficient?” (1<sup>st</sup> author, with Karen Lam). *Electronic Journal of Sustainable Development*, vol. 1, no. 1 (Summer 2007), pp. 35-46.\*
24. “How did the Invisible Hand Handle Industrial Waste? By-Product Development before the Modern Environmental Era.” *Enterprise and Society*, vol. 8, no. 2 (June 2007), pp. 348-374.
23. “Cities and the Economic Development of Nations. An Essay on Jane Jacobs’ Contribution to Economic Theory.” (1<sup>st</sup> author, with Gert-Jan Hospers). *Canadian Journal of Regional Science*, vol. 30, no. 1 (Spring 2007), pp. 115-130.
22. « De l’importance de la diversité économique locale pour l’innovation technique et la valorisation des résidus industriels. » *Cahiers de géographie du Québec*, vol. 50, no. 141 (December 2006), pp. 479-486.\*
21. “Learning from History or from Nature, or Both? Recycling Networks and their Metaphors in Early Industrialization.” *Progress in Industrial Ecology*, vol. 2, no. 1, (April 2005), pp. 19-34.\*
20. “Industrial Symbiosis: The Case for Market Coordination.” *Journal of Cleaner Production*, vol. 12, no. 8-10 (October-December 2004), pp. 1099-1110.
19. “Truth for Its Own Sake: Academic Culture and Technology Transfer at Johns Hopkins University” (equal co-author, with Maryann Feldman). *Minerva*, vol. 42, no. 2 (Summer 2004), pp. 105-126.
18. “Cluster-Based Economic Strategy, Facilitation Policy and the Market Process” (1<sup>st</sup> author, with Frédéric Sautet). *Review of Austrian Economics*, vol. 17, no. 2-3 (June 2004), pp. 233-245.
17. “On the Failure of Socialist Economies to ‘Close the Loop’ on Industrial Waste: Insights from the Austrian Critique of Planning” (1<sup>st</sup> author, with Sanford Ikeda). *Environmental Politics*, vol. 12, no. 3 (Autumn 2003), pp. 102-122.
16. “Research Universities and Local Start-Up Development: Lessons from the Johns Hopkins University” (equal co-author, with Maryann Feldman). *Industry and Innovation*, vol. 10, no. 1, (March 2003), pp. 5-24.
15. “Industrial Ecology and the Rediscovery of Inter-Firm Recycling Linkages: Some Historical Perspective and Policy Implications.” *Industrial and Corporate Change*, vol. 11, no. 5, (November 2002), pp. 1031-1057.
14. “Natural Capitalist’s Indictment of Traditional Capitalism: A Reappraisal”. *Business Strategy and the Environment*, vol. 11, no. 4 (July/August 2002), pp. 203-220.
13. “Does it Pay to be Green? Some Historical Perspective.” *Journal of Private Enterprise*, vol. 17, no. 2 (Spring 2002), pp. 20-36.



12. "Regional Development and Inter-Industry Recycling Linkages: Some Historical Perspective." *Entrepreneurship and Regional Development*, vol. 14, no. 1 (Spring 2002), pp. 49-65.
  11. "Prices, Property and Sustainability: Toward a More Positive Assessment of Past Practices and Institutions." *International Journal of Politics and Ethics*, vol. 1, no. 4 (Winter 2001), pp. 279-293.
  10. "Cities and Industrial Symbiosis: Some Historical Perspective and Policy Implications." *Journal of Industrial Ecology*, vol. 5, no. 4 (Fall 2001), pp. 29-44.
  9. "Local Diversity, Human Creativity and Technological Innovation." *Growth and Change*, vol. 32, no. 3 (Summer 2001), pp. 369-394.
  8. "Back to the Future: A Review Essay of Paul Hawken, Amory Lovins and L. Hunter Lovins' *Natural Capitalism*." *Knowledge, Technology & Policy*, vol. 14, no. 1 (Spring 2001), pp. 103-113.
  7. "Eco-Industrial Parks: The Case for Private Planning." *The Independent Review: A Journal of Political Economy*, vol. 5, no. 3 (Winter 2001), pp. 345-371.
  6. "Geographical Proximity and the Transmission of Tacit Knowledge." *The Review of Austrian Economics*, vol. 14, no. 1 (Winter 2001), pp. 25-46.\*
  5. "Market Processes and the Closing of "Industrial Loops": A Historical Reappraisal." *Journal of Industrial Ecology*, vol. 4, no.1 (Fall 2000), pp. 29-43.
  4. "On the Abuse of Patents as Economic Indicators." *The Quarterly Journal of Austrian Economics*, vol. 1, no. 4 (Winter 1998), pp. 51-74.
  3. "Les zones d'entreprise: de la théorie à la pratique." *Canadian Journal of Regional Science*, vol. 21, no. 3 (Fall 1998), pp. 415-440. [Enterprise Zones: From Theory to Practice]
  2. "A Geographical Perspective on Austrian Economics." *The Quarterly Journal of Austrian Economics*, vol. 1, no. 2 (Summer 1998), pp. 63-83.
  1. "La fin de la distance et la déconcentration de l'activité économique : réalité ou mirage" (1st author, with Martin Jourdenais). *Canadian Journal of Regional Science*, vol. 21, no. 1 (Spring 1998), pp. 49-72. [The Death of Distance and the Deconcentration of Economic Activity: Myth or Reality?]
- *Shorter refereed publications*
1. "The Inability and Undesirability of Local Croplands to Meet Food Demand" (equal co-author, with Jayson Lusk). *Frontiers in Ecology and the Environment*, vol. 13, no. 8 (October 2015), pp. 409-410 (Refereed letter)

## B. Book Chapters

20. "Urban Diversity and Innovation" (1<sup>st</sup> author, with Samuli Leppälä and Joanna Szurmak). Forthcoming in Harald Bathelt, Patrick Cohendet, Sebastian Henn and Laurent Simon (eds), *The Elgar Companion to Innovation and Knowledge Creation: A Multi-disciplinary Approach*, Edward Elgar.
19. "Soylent Green or Zero Point Modules? Malthusianism and Resourceship in Historical Perspective." Forthcoming in Martin Morse Wooster and Sam T. Karnick (eds). *A Science Fiction Writer's Guide to Science*, Heartland Institute.
18. "Lies, Damned Lies and Locavorism: Bringing Some Truth in Advertising to the Local Food Debate." In Charlene Elliott (ed). *How Canadians Communicate VI: Food Promotion, Consumption and Controversy*, University of Athabasca Press, pp. 229-250
17. "Knowledge for the World: A Brief History of Commercialization at Johns Hopkins University" (1<sup>st</sup> author, with Maryann Feldman and Janet Bercovitz). In Tom Allen and Rory O'Shea (eds), *Building Technology Transfer within Research Universities: An Entrepreneurial Approach*, Cambridge University Press, 2014, pp. 156-191.
16. "The Selective Silence of *Silent Spring*: Birds, Pesticides, and Alternatives to Pesticides" (1<sup>st</sup> author, with Hiroko Shimizu). In Roger Meiners, Andrew Morriss and Pierre Desrochers (eds). *Silent Spring at 50. The False Crises of Rachel Carson*. Cato Institute, 2012, pp. 97-117.
15. "On the Intellectual Groundwaters that Fed into *Silent Spring*. Rethinking Rachel Carson's Place in the History of American Environmental Thought" (1<sup>st</sup> author, with Hiroko Shimizu). In Roger Meiners, Andrew Morriss and Pierre Desrochers (eds). *Silent Spring at 50. The False Crises of Rachel Carson*. Cato Institute, 2012, pp. 37-60.
14. "Creative Local Environments: The Case for Local Economic Diversity" (1<sup>st</sup> author, with Samuli Leppälä). In David Emmanuel Andersson, Åke E. Andersson and Charlotta Mellander (eds). *Handbook of Creative Cities*. Edward Elgar, 2011, pp. 422-434.
13. "A Critique of the 'Food Miles' Perspective." In Max Falque and Henri Lamotte (eds), *Climate Change and Air Pollution: Property Rights, Economics and Environment*, Bruylant, 2010, pp. 129-146.
12. "Rethinking 'Jacobs Spillovers,' or How Diverse Cities Actually Make Individuals more Creative and Economically Successful" (1<sup>st</sup> author, with Samuli Leppälä). In Stephen A. Goldsmith and Lynne Elizabeth (eds), *What We See. Advancing the Observations of Jane Jacobs*, New Village Press, 2010, pp. 287-296.
11. "Jane Jacobs and the Economy of Cities" (1<sup>st</sup> author, with Gert-Jan Hospers). In Aloys Prinz, Albert E. Steenge and Nina Isegrei (eds), *New Technologies, Networks and Governance Structures*, LIT Verlag, 2009, pp. 123-141.
10. "'Business as Usual' in the Industrial Age: (Relatively) Lean, Green and Eco-Efficient?" (1<sup>st</sup> author, with Karen Lam). In Asis Kumar Pain and Somnath Hazra (eds), *Industrial Ecology: Concepts and Practices*, ICFAI (Institute of Chartered Financial Analysts of India), 2008.

9. "Silicon Somewhere: Is There a Need for Cluster Policy?" (3<sup>rd</sup> author, with Gert-Jan Hospers and Frédéric Sautet). *Handbook of Research on Innovation and Clusters: Cases and Policies*, Charlie Karlsson (ed), Edward Elgar, 2008, pp. 430-446.
8. "Diversity and the Case against Cluster Policy" (1<sup>st</sup> author, with Gert-Jan Hospers and Frédéric Sautet). In *Handbook of Research on Cluster Theory*, Charlie Karlsson (ed), Edward Elgar, 2008, pp. 234-245.
7. "Ordre spontané et recyclage industriel: Un survol historique". In *Droits de propriété, économie et environnement : les déchets*, Max Falque, Henri Lamotte et Jean- François Saglio (eds), Bruylant, 2006, pp. 351-376. [Spontaneous Order and Waste Recycling: Some Historical Perspective]
6. "Eco-Industrial Parks: The Case for Private Planning". In *Re-Thinking Green: Alternatives to Environmental Bureaucracy*, Robert Higgs and Carl P. Close (eds), Independent Institute, 2005, pp. 297-324.
5. "Eco-Industrial Parks: The Case for Private Planning". In *Incentives and Conservation: The Next Generation of Environmentalists*, Daniel K. Benjamin (ed), PERC (Property and Environment Research Center), 2004, pp. 3-32.
4. "Does It Pay to Be Green? Some Historical Perspective". In *Sustainable Development: Promoting Progress or Perpetuating Poverty?* Julian Morris (ed), Profile Books, 2002, pp. 44-54.
3. "Prices, Property and Sustainability: Toward a More Positive Assessment of Past Practices and Institution". In *Debating Environmental Regimes: Looking Forward, Looking Back*, Patrick Hayden, Tom Lansford, Bryan Hilliard and J. L. Walsh (eds), Nova Science Publishers, 2002, pp. 141-154.
2. "Urban Diversity and the Processes of Intersectoral Diffusion: Some Insights from the Study of Technical Creativity". In *Institutions and Systems in the Geography of Innovation*, Maryann Feldman and Nadine Massard (eds), Kluwer Academic Publishers, 2001, pp. 99-116.
1. "Le projet Archipel. Une occasion ratée?" (2<sup>nd</sup> author, with Éric Duhaime). In *Practising Sustainable Water Management: Canadian and International Experiences*, Dan Shrubsole and Bruce Mitchell (eds), Canadian Water Resources Association, 1997, pp. 155-166. [The Archipel Project: A Missed Opportunity?]

C. Books and Special Issue of Academic Journals edited

**Books**

*The Locavore's Dilemma*. 2012. PublicAffairs (1<sup>st</sup> author, with Hiroko Shimizu)

- Swedish version *En Hipsters Dilemma* (Timbro, 2013)

[Reviews and press coverage in English, Swedish and other languages available at <http://globavore.org/>]

*Silent Spring at 50. The False Crises of Rachel Carson*. 2012. Cato Institute (co-editor with Andrew Morriss and Roger Meiners).

[Reviews and press coverage in English and German available at <http://geog.utm.utoronto.ca/desrochers/Silent-Spring-at-50.htm> ]

### ***Special Journal Issues***

“What is so Austrian about Austrian Economics.” *Advances in Austrian Economics*, vol. 14 (2010) (Guest editor with Roger Koppl and Steven Horwitz)

“Historical Perspective on Industrial Waste Recovery.” *Progress in Industrial Ecology*, vol. 3, no. 4 (2006): 273-407 (Guest editor)

### 8. Non-Refereed Publications

#### ***Shorter academic pieces***

5. “Introduction.” In Roger Meiners, Andrew Morriss and Pierre Desrochers (eds). *The Legacy of Rachel Carson*. (Cato Institute, 2012), pp. 1-10 (2<sup>nd</sup> author with Roger Meiners and Andrew Morriss).

4. Barney Warf (ed.) *Encyclopedia of Geography* (Sage, 2010) (equal co-author with Samuli Leppälä)

- “Division of Labor” (vol. 2, pp. 780-781)
- “Innovation, Geography of” (vol. 3, pp. 1597-1599)
- “Knowledge Spillovers” (vol. 4, pp. 1663-1664).

3. “Jane Jacobs’ *The Economy of Cities*.” In Patricia Bellamy, Maureen Morin and Karen Turko (eds). *Books that Inspire Faculty. An Exhibition at the University of Toronto Libraries* (October-December 2009). University of Toronto Libraries, 2009, p. 11.

2. “Editorial article: Historical Perspective on Industrial Waste Recovery.” *Progress in Industrial Ecology*, vol. 3, no. 4 (2006), pp. 273-279.

1. “Excludability, Creativity and the Case against the Patent System.” *Economic Affairs*, vol. 20, no. 3 (September 2000), pp. 14-16.

#### ***Book reviews***

21. Review of *Animal Cities: Beastly Urban Histories* by Peter Atkins (ed) (Ashgate Publishing, 2012). *Historical Geography*, vol. 41 (2013), pp. 180-182.

20. Review of *The Urban Wisdom of Jane Jacobs* by Sonia Hirt (ed) (Routledge, 2012). *Environment and Planning B: Planning and Design*, vol. 40, no. 4 (2013), pp. 758-759.

19. Review of *The Economics and Politics of Climate Change* by Dieter Helm and Cameron Hepburn (eds) (Oxford University Press, 2011/2009). *Review of Economic Philosophy*, vol. 14, no. 1 (Summer 2013), pp. 125-129.

18. Review of *The False Promise of Green Energy* by Andrew P. Morriss, William T. Bogart, Roger E. Meiners, and Andrew Dorchak (Cato Institute, 2011). *The Independent Review*, vol. 16, no. 4 (Spring 2012), pp. 614-617.

17. Review of *The Wealth and Poverty of Regions. Why Cities Matter* by Mario Polèse (University of Chicago Press, 2010). *Regional Studies*, vol. 44, no. 8 (October 2010), pp. 1097-1098.

16. Review of *Knowledge in the Development of Economies. Institutional Choices under Globalisation* by Silvia Sacchetti and Roger Sugden (eds) (Edward Elgar Publishing, 2009). *Economic Geography*, vol. 86, no. 3 (July 2010), pp. 325-326.
15. Review of *Car Nation: An Illustrated History of Canada's Transformation behind the Wheel* by Dimitry Anastakis (James Lorimer and Company, 2008), *Ontario History* vol. 101, no. 2 (Autumn 2009), pp. 265-266.
14. Review of *Sex, Science and Profits* by Terence Kealey (William Heinemann, 2008). *Electronic Journal of Sustainable Development*, vol. 1, issue 3 (Summer 2009), pp. 111-114.
13. Review of *The Learning Region. Foundations, State of the Art. Future* by Roel Rutten and Frans Boekema (eds) (Edward Elgar Publishing, 2007), *Regional Studies*, vol. 42, no. 7 (August 2008), pp. 1049-1050.
12. Review of *Electric Choices. Deregulation and the Future of Electric Power* by Andrew N. Kleit (ed.) (Rowman & Littlefield Publishers and Independent Institute, 2007), *Canadian Geographer*, vol. 51, no. 4 (Winter 2007), pp. 501-502.
11. Review of *The Box: How the Shipping Container made the World Smaller and the World Economy Bigger* by Marc Levinson (Princeton University Press, 2006), *The Independent Review*, vol. 12, no. 1 (Summer 2007), pp. 146-149.
10. Review of *Globalization and the Race for Resources* by Stephen G. Bunker and Paul S. Ciccantell (The Johns Hopkins University Press, 2005). *Historical Geography*, vol. 35 (2007), pp. 282-285.
9. Review of *A Poverty of Reason. Sustainable Development and Economic Growth* by Wilfred Beckerman (Independent Institute, 2002), *Canadian Geographer*, vol. 50, no. 2 (Summer 2006), pp. 265-266.
8. Review of *Ivory Tower and Industrial Innovation. University-Industry Technology Transfer Before and After the Bayh-Dole Act* by David C. Mowery, Richard R. Nelson, Bhaven N. Sampat, and Arvids A. Ziedonis (eds) (Stanford University Press, 2004). *Canadian Journal of Regional Science*, vol. 28, no. 2 (Summer 2005), pp. 405-407.
7. Review of *Globalisation, systèmes productifs et dynamiques territoriales* by Régis Guillaume (ed) (L'Harmattan, 2005). *Canadian Journal of Regional Science*, vol. 28, no. 2 (Summer 2005), pp. 403-404.
6. Review of Robert L. Bradley, Jr. and Richard W. Fulmer's *Energy, The Master Resource* (Kendall/Hunt Publishing, 2004), *The Quarterly Journal of Austrian Economics*, vol. 8, no. 3 (Fall 2005), pp. 93-95.
5. Review of David Beito, Peter Gordon and Alexander Tabarrok's *The Voluntary City: Choice, Community and Civil Society* (University of Michigan Press and Independent Institute, 2002), *The Quarterly Journal of Austrian Economics*, vol. 7, no. 2 (Summer 2004), pp. 99-101.
4. Review of Tibor R. Machan's *Liberty and Research and Development* (Hoover Institution Press, 2002), *Knowledge, Technology & Policy*, vol. 16, no. 2 (Summer 2003), pp. 103-107.

3. Review of Robert U. Ayres and Leslie W. Ayres' *A Handbook of Industrial Ecology* (Edward Elgar, 2002) and Penny Allen, Christophe Bonazzi and David Gee's *Metaphors for Change. Partnerships, Tools and Civic Actions for Sustainability* (Greenleaf Publishing, 2001), *Knowledge, Technology & Policy*, vol. 16, no. 1 (Spring 2003), pp. 130-134.
2. Review of Terence Kealey's *The Economic Laws of Scientific Research* (St Martin's Press, 1997), *Knowledge, Technology & Policy*, vol. 13, no. 4 (Fall 2000), pp. 117-120.
1. Review of Jane Jacobs' *The Nature of Economies* (Modern Library/Random House, 2000), *The Review of Austrian Economics*, vol.13, no. 2 (September 2000), pp. 229-232.

***Policy studies and educational documents***

- *Lengthier policy reports and educational papers*

12. *Blowing Hot Air on the Wrong Target? A Critique of the Fossil Fuel Divestment Movement in Higher Education* (1<sup>st</sup> author, with Hiroko Shimizu). Frontier Centre for Public Policy, forthcoming.
11. *Speed or Greed: Does Automated Traffic Enforcement Improve Safety or Generate Revenue?* (2<sup>nd</sup> author, with Hiroko Shimizu). Frontier Centre for Public Policy, December 2015, 40 pages.
10. *The Economics of Petroleum Refining: Understanding the Business of Processing Crude Oil into Fuels and Other Value Added Products* (equal co-author, with Philip Cross and Hiroko Shimizu). Canadian Fuels Association. December 2013, 25 pages.
9. *Innovation and the Greening of Alberta's Oil Sands* (1<sup>st</sup> author, with Hiroko Shimizu). Montreal Economic Institute. October 2012, 34 pages.
  - French version: *Comment l'innovation rend les sables bitumineux de l'Alberta plus verts*, Institut économique de Montréal, Octobre 2012, 40 pages.
8. *L'autosuffisance alimentaire n'est pas gage de développement durable* (1<sup>st</sup> author, with Hiroko Shimizu). Institut économique Molinari. Octobre 2010, 18 pages. [Food Self-Sufficiency is not Necessarily Sustainable]
7. *Yes, We Have no Bananas. A Critique of the "Food Miles" Perspective* (1<sup>st</sup> author, with Hiroko Shimizu). Policy Primer No. 8, Mercatus Center Policy Series (George Mason University). October 2008, 16 pages.
6. *The Invisible Green Hand* (1<sup>st</sup> author, with Andrew Reed). Policy Primer No. 7, Mercatus Center Policy Series (George Mason University). October 2008, 21 pages.
5. *Jane Jacobs. Filosoof van stad, economie en samenleving* (2<sup>nd</sup> author, with Gert-Jan Hospers). AO (Actuele Onderwerpen). 2007, 25 pages (in Dutch). [Jane Jacobs, Philosopher of City, Economy and Society]
4. *Concilier profits et environnement. Le recyclage des déchets industriels dans une économie de marché* (1<sup>st</sup> author, with the collaboration of Jasmin Guénette). Cahier de recherche no. 97, Institut économique de Montréal. Avril 2005, 36 pages.

3. *Comment la recherche du profit améliore la qualité de l'environnement.* Research Paper No. 22, Institut économique de Montréal. April 2003, 40 pages [How Profit Seeking Improves Environmental Quality]

2. *Comment résoudre la crise du logement au Québec?* Research Paper No. 17, Institut économique de Montréal. July 2002, 36 pages [How can we Solve the Quebec Housing Crisis?]

1. *Les "cités": Une politique efficace pour la nouvelle économie?* Research Paper No. 13, Institut économique de Montréal. October 2001, 27 pages [The "Cités": A Sensible Policy for the New Economy?]

- *Policy notes and shorter documents*

7. *Are Quebec's Forests Threatened?* (2<sup>nd</sup> author, with Jasmin Guénette). Montreal Economic Institute. August 2014, 4 pages.

- French version : *La forêt est-elle menacée au Québec?* Institut économique de Montréal, August 2014, 4 pages.

6. *The Health, Environmental and Economic Benefits of Palm Oil* (2<sup>nd</sup> author, with Hiroko Shimizu). Institut économique Molinari. September 2012, 4 pages.

- French version : *L'huile de palme: avantages sanitaires, environnementaux et économiques*, Institut économique Molinari. Septembre 2012, 4 pages.

5. *L'autosuffisance alimentaire n'est pas gage de développement durable* (1<sup>st</sup> author, with Hiroko Shimizu). Institut économique Molinari. Note économique. Octobre 2010, 4 pages.

4. *Will Buying Food Locally Save the Planet?* (1<sup>st</sup> author, with Hiroko Shimizu). Montreal Economic Institute. February 2010, 4 pages.

- French version : *L'achat local de nourriture sauvera-t-il la planète?* Note économique, Institute économique de Montréal, Février 2010, 4 pages.

3. *Reconciling Profits and Sustainable Development: Industrial Waste Recycling in Market Economies.* Institut économique de Montréal. April 2005, 4 pages.

2. *Quelques mythes sur les causes de la crise du logement au Québec.* Research Paper No. 23, Institut économique de Montréal. May 2003, 4 pages [Some Myths about the Quebec Housing Crisis]

1. *Comment assurer le développement durable de nos forêts?* Research Paper No. 14, Institut économique de Montréal. March 2002, 4 pages [Sustainable Development and Forestry Policy]

**Recent articles, columns and essays in popular magazines, newspapers and websites**

[Note: Electronic links to columns and popular pieces (arranged thematically) at <http://geog.utm.utoronto.ca/desrochers/miscellania2.htm>]

In the last two decades, over 200 essays and op-ed/columns in, among others:

- **Canada:** *The Globe & Mail, The National Post, CBC.ca, The Toronto Star, The Gazette, The Hill Times, Fraser Forum, The Treillis, Reader's Digest, Alberta Views, Pipeline Observer, Grains West, La Presse, Le Devoir, Le Soleil, Le Québécois Libre*;
- **USA:** *Wall Street Journal, Salon, The Daily Beast, The American, PERC Reports, The Freeman (Ideas on Liberty), The Drill, MasterResource, Tech Central Station, New Geography, Fair Observer*;
- **Others:** *Spiked!* (UK); *Le Monde* (France); *La Tribune, L'AGEFI* (Switzerland); *The Analyst* (India), *Libération* (Morocco), *Polit.ru* (Russia);

- *Longer essays (> 1500 words; selected)*

- "Evolution Vs Revolution." *Perspectives - Fuel* (2015), pp. 4-9 (Canadian Fuels Association)
- "The Simon-Ehrlich Wager 25 Years On: As the Famous Environmentalist Bet Showed, Malthusians are Always Wrong." *Spiked!* (September 29, 2015)
- "Petrol Power: An Eco-Revolution. The Rise of Petroleum-powered Transport was an Environmental Boon." *Spiked!* (July 20, 2015)
- "A Colourful History of Progress: The Development of Synthetic Dyes was a Mini Industrial Revolution." *Spiked!* (November 18, 2014)
- "The Locavore's Delusion. Truer Advertising for the Local Food Debate." *Fair Observer* (September 21, 2013)
- "Tribalism and the Local Food Movement." *Mises Institute Canada* (April 12, 2012) (with Hiroko Shimizu)
- "Deconstructing the Population Bomb." *PERC Reports*, vol. 27, no. 3 (September 2009)
- "Forget 'Unfettered' Markets... It is Unfettered Governments that are No Friends to the Environment," *C2C: Canada's Journal of Ideas*, vol.3, no. 1 (July 2009), pp. 8-17 (with Andrew Reed)

- *Shorter pieces (columns and op-eds; selected; < 1500 words)*

*Financial Post (National Post) (Canada)*

- "No Limits to Growth." (September 29, 2015) (with Vincent Geloso)
- "Why Eating 'Global' is more Sustainable than Eating 'Local'." (August 22, 2012) (with Hiroko Shimizu)
- "Earth Day: Humanity - Earth's Best Friend." (April 22, 2010).
- "World Population Day: Malthus Lives!" (July 10, 2009) (with Andrew Reed)
- "Buy Global - The 'Food Mile' Perspective Severely Distorts the Environmental Impacts of Agricultural Production." (November 7, 2008) (with Hiroko Shimizu)

*The Drill* (<http://www.bakkentoday.com>, 12 monthly columns of about 1100 words each, published between September 2013 and September 2014, selected) (USA)

- "Energy Independence: The Good, the Bad and the Ugly." (May 28, 2014) (with Hiroko Shimizu)
- "Having your (Greener) Energy Cake and Eating it Too! The Contribution of George P. Mitchell." (April 30, 2014) (with Hiroko Shimizu)
- "Let the Tight Oil Crude and Oil Sands Bitumen Flow." (January 29, 2014) (with Hiroko Shimizu)
- "How Carbon Fuels Kept the Third Horseman in Check." (January 1, 2014)



*Spiked!* (<http://www.spiked-online.com/>) (United Kingdom)

- “The Latest Culinary Fad: Famine Food.” (September 17, 2014)
- “The Real Story of Silent Spring.” (September 28, 2012)
- “Liberated from Gruel and Mush.” (August 23, 2012) (with Hiroko Shimizu)

*The American* (<http://www.american.com/>) (USA)

- “Greed is Green. How the Profit Motive Helps the Environment.” (April 19, 2013)
- “Locavores or Loco-vores?” (September 18, 2012) (with Hiroko Shimizu)

*Master Resource* (<https://www.masterresource.org/>; selected) (USA)

- “Resourceful Earth Day.” (April 22, 2015) (with Jasmin Guénette)
- “The Green Benefits of Food Globalization: Markets at Work.” (May 2, 2014)
- “Locavorism Vs Resource Efficiency.” (July 18, 2013)

*Others* (recent, selected)

- “The Arteries of our Civilization.” *Pipeline Observer* (Autumn 2015), pp. 12-14.
- “Energy and the Catastrophists.” *Wall Street Journal* (Notable & Quotable) (October 11, 2015)
- “On the Pitfalls of Urban Food Production.” *New Geography* (Sept 6, 2014)
- “Local Food Movement Leads to Less Security.” *Toronto Star* (July 8, 2012) (with Hiroko Shimizu)
- “Why Locavorism Doesn't Make Us Happier, Healthier, or Safer.” *The Daily Beast* (July 1st, 2012) (with Hiroko Shimizu)
- “Point of View: Pierre Desrochers and Hiroko Shimizu on the Locavore's Dilemma.” *Geographical* 84 (7) (July 2012), p. 77 (with Hiroko Shimizu)
- “The Locavore's Delusion.” *Fraser Forum* (July-August 2012) (with Hiroko Shimizu)
- “Eating Local Hurts the Planet.” *Salon* (June 16, 2012) (with Hiroko Shimizu)

9. Manuscripts/publications, etc. in preparation and submitted to publishers but not yet accepted.

*Submitted*

“Snatching the Wrong Conclusions from the Jaws of Defeat: A Historical/Resources Perspective on Paul Sabin’s *The Bet: Paul Ehrlich, Julian Simon, and Our Gamble over Earth’s Future* (1<sup>st</sup> author, with Vincent Geloso). To *New Perspectives on Political Economy*.

“Diverse Cities as Economic Ecosystems and Entrepreneurial Hatcheries: Revisiting Jane Jacobs’ Contribution to Economic Development Theory” (1<sup>st</sup> author, with Samuli Leppälä). To *Regional Studies*

“Jane Jacobs as Spontaneous Economic Order Methodologist: Induction, Complexity and Inconsistencies” (1<sup>st</sup> author, with Joanna Szurmak). To *Cosmos + Taxis: Studies in Emergent Order and Organization* (invited)

“The refuse of today is a source of profit tomorrow”: Transforming Production Residuals into Valuable By-Products in 19th Century Industry” (Equal co-author, with Ed Stringham). To *California Management Review*

*In Preparation*

“Before Pigou: Some Historical Perspective on Prices, Profits, Property Rights and Environmental Remediation” (1<sup>st</sup> author, with Erwan Quéinnec, first draft almost completed, in revision). To be submitted to *History of Political Economy*.

“Jane Jacobs’ Theory of Agricultural Origins: A (Further) Critical Appraisal” (with Gary Crawford) (2<sup>nd</sup> author, with Gary Crawford, first draft almost completed). To be submitted to *International Journal of Urban and Regional Research*.

“Challenges to an Increase in Petroleum Refining Activities in Canada: A Review of the Evidence” (equal co-author, with Philip Cross and Hiroko Shimizu; first draft completed, in revision). To be submitted to *Energy Policy*.

« L'externalisation des coûts écologiques est-elle inhérente à l'économie de marché ? Le contre-exemple de l'internalisation des déchets industriels au dix-neuvième siècle » (1<sup>st</sup> author, with Erwan Quéinnec). First draft completed.

Several papers on international trade, food security and past local food movements in preparation (documentary research completed)

10. Papers presented at meetings and symposia.

*Various papers presented, sessions chaired and papers discussed in thirty-three (33) regular/annual academic conferences in the last 10 years. Primary disciplines/fields were business/policy history; economics; geography/regional science; and industrial ecology/sustainable development. Among others:*

- Association of American Geographers Annual Meeting
  - “Jane Jacobs as Spontaneous Economic Order Methodologist: Induction, Complexity and Inconsistencies.” (2016)
  - “Long-distance Trade and Food Security: Re-Stating the Case against Locavorism.” (2012)
  - “Industrial Symbiosis: Old Wine in Recycled Bottles?” (2010)
  - “Jane Jacobs’ *The Economy of Cities* at 40: A Stocktaking and an Evaluation.” (2009)
  - “The Division of Labour needs not Imply Regional Specialization.” (2008)
  - “Local Diversity and Interindustrial Knowledge Spillovers” (2007)
  
- Canadian Association of Geographers Annual Meeting
  - “The (Classical) Liberal Case against Locavorism and Food Sovereignty: A (Re)Statement of Some Inconvenient Truths.” [Paper presented in a session I organized and chaired (“Three Cheers for (Neo)Liberalism: How Academic Geographers’ Anti-Capitalist Mentality Obscures our Understanding of the World”)] (2014)
  
- Canadian Regional Science Association Annual Meeting
  - “Long Distance Trade and Food Security.” (2013) (virtual conference)
  - “Industrial Ecology and Economic Geography? The Missing Link: The Geographic Dimension of By-Product Linkages.” (2009)
  - “The Economy of Cities at 40: A Stocktaking and an Appreciation.” (2009)
  - “Bringing Inter-Regional Linkages Back In” (2008)
  - “The Food Mile Perspective A Critique” (2008)

- International Conference of Prices and Markets Annual Meeting
- “Jane Jacobs as Spontaneous Order Theorist. (2014)
- “Long Distance Trade and Food Security: (Re)Stating the Obvious.” (2013)
- “Squandered Profit Opportunities? Some Historical Perspective on Industrial Waste and the Porter Hypothesis.” (2012)

#### 11. Invited Lectures

*In the last 10 years, various invited academic presentations at university colloquia, seminars and lecture series in the following institutions (Note: colleges/technical institutions not included)*

#### **Conferences – Keynote, plenary and invited talks** (academic)

- “Jane Jacobs as Spontaneous Order Theorist.” *Cosmos + Taxis Conference*, Rochester Institute of Technology (Rochester, NY) (May 8, 2015) (invited)
- “Food and Health Care: Does Local Fit?,” *Local Food and Ontario Healthcare Conference*, Guelph University (Guelph, ON) (September 13, 2013) (invited)
- “The Locavore’s Dilemma.” *How Canadians Think about Food Conference*, Banff (AB) (Organized by Canada Research Chair in Food Marketing, Policy and Children’s Health, University of Calgary) (May 10, 2013) (invited)
- “The Case against Locavorism.” “Reviving the American Economy – One Heirloom Tomato at a Time,” Woodrow Wilson International Center for Scholars (Princeton University), Washington (DC), (March 4, 2011) (invited)
- « Souveraineté alimentaire et agriculture de proximité, antithèse du développement durable? » Conférence 2010: La souveraineté à l’heure de la mondialisation : Quelle place pour l’agriculture locale? REDTAC (Réseau d’études des dynamiques transnationales et de l’action collective) et département de science politique, Université de Montréal (February 18, 2010) (plenary)
- « Qu’est-ce qui fait le succès d’une ville? Y a-t-il une recette? » 2009 Annual Meeting of the Association des économistes du Québec (Montréal, QC), (May 7, 2009) (keynote)
- « Diversité, créativité et innovation » Forum régional “L’enjeu de l’apprentissage collectif,” Université du Québec à Chicoutimi (Saguenay, QC) (December 5, 2008) (keynote)
- “Promoting the Invisible Hand’s Green Thumb in Victorian Britain: Lyon Playfair, Peter Lund Simmonds and the Society of Arts.” *14th Annual International Sustainable Development Research Conference* (New Delhi, India) (September 22, 2008) (keynote)
- “Industrial Symbiosis: Think Locally, Act Locally.” *Sustainability and the Built Environment*, Dalhousie University (Halifax, NS) (September 23, 2006) (invited)
- « De l’importance de la diversité économique locale pour l’innovation technique et la valorisation des résidus industriels. » *Les chantiers de la géographie*. Laval University (Quebec City, Qc) (April 28 2006) (invited)
- “Market Incentives and Interindustrial Recycling Linkages: A Survey of Geographical and Economic Thought.” 2nd Industrial Symbiosis Research Symposium. Royal Institute of Technology (Stockholm, SW) (June 11, 2005) (invited)
- “Industrial Symbiosis: The Case for Market Coordination.” George Mason University (Fairfax, VA) (January 12, 2005) (invited)

*Academic seminar series and invited talks (selected)*

- *The Locavore's Dilemma. In Praise of the 10,000-mile Diet*
  - Western Kentucky University, Bowling Green (KY) (September 11, 2013)
  - Western Carolina University, Cullowhee (NC) (April 4, 2012)
  - École des hautes études commerciales (Université de Montréal), Montréal (QC), (November 10, 2012)
  - Carleton University, Ottawa (ON) (November 29, 2012)
  - University of Calgary, Calgary (AB) (October 25, 2012)
  - St Lawrence University, Canton (NY) (September 21, 2012)
  - Queen's University, Kingston (ON) (September 20, 2012)
  - Lakehead University – Orillia, Orillia (ON) (August 15, 2012)
  - Wilfrid Laurier University, Waterloo (ON) (June 8, 2012)
  - Wheaton College, Chicago (IL) (February 22, 2012)
  - University College Dublin, Dublin (Ireland) (March 28, 2011)
  
- *Others*
  - “The Moral Case Against Fossil Fuel Divestment.” University of Michigan (Ann Arbor, MI) (March 23, 2016)
  - “No Limits to Growth.” University of Ottawa (Ottawa, ON) (November 5, 2015)
  - « Perspective historique sur les bénéfices environnementaux des combustibles liquides, » UQAM-ETS (University of Quebec at Montreal) (Montreal, QC) (February 7, 2014)
  - “The Economics and Culture of Local Food,” Northwestern University (Evanston, IL) (November 13, 2013)
  - “Long-distance Trade and Food Security: Re-stating the Case against Locavorism,” Wheaton College (Chicago, IL) (February 22, 2013)
  - “Growing the Next Silicon Valley? The State Vs Spontaneous Order.” European University (St Petersburg, Russia) (March 25, 2011)
  - “Jane Jacobs’ Contribution to Urban Thought.” Strelka Institute for Media, Architecture & Design (Moscow, Russia) (March 23, 2011)
  - “Jane Jacobs’ Criticism of Modernist Planning.” Strelka Institute for Media, Architecture & Design (Moscow, Russia) (March 23, 2011)
  - “Growing the Next Silicon Valley? The State Vs Spontaneous Order.” National Research University - Higher School of Economics (Moscow, Russia) (March 22, 2011)
  - “Industrial Symbiosis: Old Wine in New Bottles?” Duke University (Durham, NC) (April 30, 2010)
  - “The Environmental Responsibility of Business is to Increase its Profits.” Campbell University Law School (Raleigh, NC) (April 26, 2010)
  - “Industrial Symbiosis: Old Wine in Recycled Bottles?” University of North Texas (Dallas, TX) (November 20, 2009)
  - “Did the Invisible Hand Need a Regulatory Glove to Development a Green Thumb? Some Historical Perspective on the Porter Hypothesis and Win-Win Innovations.” Guelph University (Guelph, ON) (May 7 2008)
  - “The Environmental Responsibility of Business is to Increase its Profits.” St Lawrence University (Canton, NY) (April 23, 2008)
  - “Libéralisme et environnement.” École des hautes études commerciales (Université de Montréal) (Montreal, QC) (December 14, 2007)
  - “Entrepreneurial Activities and the Regional Context. The Case for Local Diversity.” New York University (New York, NY) (March 19 2007)

- “The Case against Regional Specialization.” McMaster University (Hamilton, ON) (January 24, 2007)

***Policy and educational lectures (selected)***

*In the last decade, approximately 90 invited lectures to non-academic audiences, including policy and educational seminars, industry associations and governmental commissions and committees. Topics covered include sustainable development, regional development, international trade, environmental thought, human creativity, population growth, energy and food policy. Here are some organizations that invited me (note: Organizations not listed include think tanks, chambers of commerce and related organizations (e.g., ProBus Clubs), political parties and grassroots movements):*

2016:

- Canadian Independent Petroleum Marketers Association
- Canada Constitution Foundation

2015:

- Literary Review of Canada and SPUR Festival (Ottawa)
- Michigan Oil and Gas Association
- Canada Science and Technology Museum Corporation
- Ontario Petroleum Institute

2014:

- EPICENTRE (European Policy Information Center)
- Saskatchewan Institute of Agrologists
- House of Commons Standing Committee on Natural Resources (Canadian Parliament)

2013:

- Alberta Beef Industry Conference (Alberta Cattle Feeders Association; Alberta Beef Producers; Alberta Livestock Dealers; Western Stock Growers’ Association; Alberta Auction Markets Association);

2012:

- Department of Foreign Affairs and International Trade (Government of Canada)
- Annual Conference on Transportation, Innovation and Cost Savings (Central Canada Logistics Industry Conference)
- Canadian Fuels Association
- Literary Review of Canada and SPUR Festival (Winnipeg)

2011:

- InLiberty.Ru (Russia) (lecture tour in Moscow and Saint Petersburg)

2010:

- Ontario Agribusiness Association
- Ontario Society of Nutrition Professionals in Public Health

2009:

- Alberta Institute of Agrologists

2008:

- Industry Canada (Government of Canada)

## D. LIST OF COURSES (in preceding 5 years)

12. Indicate in each case whether you had major responsibility for design of course. Provide course outline, reading list and set of essay topics as evidence of ability in designing courses.

Note:

- All syllabi freely available at <http://geog.utm.utoronto.ca/desrochers/courses.htm>
- All courses single-designed and taught, save GGR 417 (departmental template) and SSM 2020 (co-developed and co-taught).
- “\*”: textbook-based course; “†”: built around freely available web content.
- Undergraduate reading and research seminars developed at students’ request.

### A. Undergraduate courses taught

#### *Regular courses*

- GGR 209: Economic Geography\*
- GGR 287: Food and Globalization†
- GGR 325: Business and Industrial Geography\*
- GGR 329: Geography and the Roots of Globalization\*
- GGR 333: Energy and Society†
- GGR 365: Trade and Globalization†
- GGR 417: Honors Thesis
- GGR 419: Geography of Food: Geographical Patterns and Environmental Impacts†
- GGR 489: Cities, Industry and the Environment†
- GGR 489: The (Re)Localization of Food Production: Debates and Controversies†

#### *Undergraduate reading seminars*

- GGR 489 – Long Distance Trade and Food Security†
- GGR 499: The Origins of Modern Environmentalist Thought†
- GGR 499: Organic Agriculture, Food Security and the Environment†
- INI 435: Cities, Knowledge and Information†

#### *Undergraduate research seminar*

- GGR 497: Independent Research: Sustainability and the Profit Motive

### B. Graduate courses taught

- SSM 2020: Sustainability Ethics
- JGE 1609: Cities, Industry & Environment

C. Theses supervised. Indicate whether primary or secondary supervisor.

**Masters Student Thesis (supervisor)**

- Christine Hoffbauer, ““Resourcship in Historical Perspective: The Contributions of Kirtley Fletcher Mather,” 2008-9
- Andrew McKinley, “The Drivers and Performance of Corporate Environmental and Social Responsibility in the Canadian Mining Industry,” 2007-8

**Masters Student Reports (supervisor)**

- Shaniece Mitchell. “GMOs and Organic Certification: Rethinking the Exclusion Criteria,” 2015-16
- R Brandon Law, “Green Innovation: A Case Study of Toronto’s Partners in Project Green Initiative,” 2012-2013

**Visiting Doctoral Students** (Primary advisor for the duration of their stay):

- Guoxi Wang (Lanzhou University, China) (2014-15)
- Jing Wang (Lanzhou University, China) (2012-14)
- Samuli Leppälä (University of Turku, Finland) (2006-09)

D. Other teaching and lectures given (in preceding 5 years)

- Various guest course lectures given in institutions where I had been invited to give a seminar (I usually volunteer to do so). (List can be provided upon request.)

**E. ADMINISTRATIVE POSITIONS**

13. A. Positions held and service on committees and organizations within the University.

University of Toronto

- Ethics Review Board (2011 - 2014)
- Voting member PhD dissertation (2015: Tim Lang, Civil Engineering)
- School of Graduate Studies (various stints as dissertation defence chair)

University of Toronto Mississauga

- Dean’s Representative for Academic Discipline
  - 2016 -
- Dean’s Representative (Hiring Committee)
  - 2015 – 2016: Biology
  - 2013 – 2014: Rotman/Management
  - 2012 – 2013: CCT Program (Communication, Culture & Technology)
- Food Service Committee (2012 - 2016)
- [Geography] Chair’s Representative, Innovation and Management Program (2012-)

#### Department of Geography (UofT)

- Tenure and promotion committees
  - Joe Leydon, 2012-13 (tenure); 2013-14 (promotion to senior lecturer)
  - Alan Walks, 2008-9
  - Ron Buliung, 2010-11
  - Matti Siemiatycki 2012-13
- Student scholarships (Trudeau, Vanier, SSHRC, OGS): 2004, 2011, 2013, 2015
- Member of Graduate Admission Committee: 2006, 2007
- Voting member, PhD Proposal and Thesis Committee
  - Ben Spiegel, 2010-2013
  - Dieter Kogler, 2007-2010
  - Greg Spencer, 2008
  - Andrey Petrov, 2008
  - Robert B. Penfold, 2004
- Voting member, Comprehensive Exam Committee, Ph.D. candidates
  - Ben Spigel, November 2009
  - Limin Fang, November 2007
  - Josephine Rekers, July 2006
  - Dieter Kogler , June 2006
  - Greg Spencer, June 2004
- Progress Committee Report
  - Ben Spigel, 2010- 2013
  - Greg Spencer, 2006-2008
  - Dieter Kogler, 2007-2008

#### Department of Geography (UTM)

- Departmental Chair Search Committee (November 2008 - February 2009)
- UTM Curriculum Review Committee (January - February 2007; Sept 2007)
- Head, Undergraduate Curriculum Committee (February - April 2006)
- Physical Geography Search Committee (November 2005; January 2006)
- OGS ranking committee (undergraduates) (November 2005)
- Membership PTR – Teaching Evaluation Committee (2004; 2008; 2010; 2012)
- Various small committee positions, initiatives, temporary Acting Chair stints, etc.



B. Positions held and service on committees and organizations outside the University of scholarly and academic significance.

- *Canadian Regional Science Association*  
Executive Committee (2007 - present); Treasurer (2007 - present); Website design (2006 - present); Program Coordinator (2005 and 2007 annual meetings)
- *International Society for Industrial Ecology*  
Abstract Reviewer (2007; 2015 annual meetings); Nominating Committee (2005); Membership Committee (2005)
- Book Review Editor, *Electronic Journal of Sustainable Development* (2008-2010)

## F. OTHER RELEVANT INFORMATION

### ***Background***

I was originally trained in public policy (political science/economics), but eventually transferred to urban studies/geography after developing an interest in regional economic development and the geographical dimensions of technological innovation. I also worked in various media and public policy roles (mostly writing, editing and speechwriting) before, during and after my doctoral studies.

### ***Research Persona***

#### *Early research*

- Ongoing

My doctoral dissertation was a qualitative (interviews/archival work) investigation of interindustrial knowledge flows (or how technologies used in one context end up solving problems in another) and the impact, if any, of local economic diversity on these processes. While researching the topic I became interested in inter-firm recycling linkages (or how the waste products of one line of work become the valuable input of another). Despite repeated attempts to move away from these topics, new evidence, opportunities and collaborators have dragged me back to them.

- Dormant

Past research endeavours include the commercial applications of academic research and the impact of intellectual property rights (especially the patent system) on individual inventors and academic institutions. I gave the material/data I collected (but never used) on patents and individual inventors to my research collaborator Samuli Leppälä (University of Cardiff Business School) and might eventually get co-authorship credit for his work on the subject.

#### *Present research*

My work on technological innovation and by-product linkages got me interested in the Porter Hypothesis (the notion that well-designed environmental regulations can help firm discover profitable and environmentally beneficial opportunities that they would otherwise miss) and various dimensions of business/environmental ethics. I have written a number of papers on these topics and am currently considering writing a semi-popular book on “The Invisible Hand’s Green Thumb” (working title).

Since becoming aware of the Julian Simon/Paul Ehrlich bet over two decades ago, I have written a few pieces on the intellectual history of Malthusianism (the fear of running out of resources) and Cornucopianism (the belief that human ingenuity will overcome any potential resource shortcoming). My current work on this debate is focused on the history of American environmental

thought in the decades between the Conservation (early 20<sup>th</sup> Century) and modern environmental movement (1960s). An offshoot of this research was a co-edited book on the 50<sup>th</sup> anniversary of Rachel Carson's *Silent Spring*.

The contribution for which I am most (in)famous is food policy, especially my critique of locavorism (or the movement to increase the consumption of locally produced food at the expense of more distant imports). Although raised in the countryside and employed in various agricultural capacities up to my early 20s, I only began researching the topic formally when compelled by personal circumstances (a visiting scholar describing the Japanese people as inherently parasitical in light of their large food imports in front of my Japanese wife...). I first published policy and popular pieces on the topic, but am currently in the process of writing a number of historically-oriented academic articles on long distance trade, food security and local food movements in the Western world.

My remaining areas of interest are the economic writings of urban theorist Jane Jacobs (1916-2006) and Canadian energy policy (primary focus on petroleum production, refining and distribution). I have major articles in preparation on both topics, but am planning to exit both for good in coming years.


#### *Future research in other areas*

I long ago collected much biographical material on journalist/geographer Peter Lund Simmonds (1814-1897) and am planning to write two articles on his life and work at some point in the future.

#### *Impact*

As of April 2016, my five most successful academic publications had garnered between 25 (32, 40, 43) and 61 citations on the Web of Science. Here is an April 2016 screenshot of my Google Scholar profile (available at <https://scholar.google.ca/citations?user=dI7N7q8AAAAJ&hl=en>)

4/19/2016 Pierre Desrochers - Google Scholar Citations



**Pierre Desrochers**  
University of Toronto - Department of Geography  
Economic Geography - Economic Development - Energy Policy -  
Food Policy - Technological Innovation - Sustainable  
Development

Citation indices	Google Scholar	
	All	Since 2011
Citations	2009	997
h-index	21	17
i10-index	31	25

#### *Outreach persona*

##### *Teaching and policy writing*

I have written a number of policy papers, book reviews and columns on topics ranging from forestry and climate change economics to housing and electricity distribution policy. I deliberately maintain open access course syllabi, including some of the world's most detailed list of web links for topics such as energy policy, food policy and globalization. See <http://geog.utm.utoronto.ca/desrochers/courses.htm>

##### *Media persona*

Going back to my undergraduate days when I contributed a weekly political press review at the Université de Montréal's radio station and worked part-time as a cameraman for a small production company, I have long made an effort to reach non-academic audiences through popular writings, media interventions of various kinds (including a few semi-regular stints in both TV and radio) and lectures/conferences. While I still answer most media requests positively, I am not currently contributing on a regular basis to any organization/outlet.

*Note on policy/media coverage*

Links to various media interventions and coverage (arranged thematically) available at <http://geog.utm.utoronto.ca/desrochers/miscellania.htm>

The following provides an overview of the type of media that covered (in some cases on several occasions) my work on food, economic and environmental policy over the last decade and a half. Although this proportion is increasing, my work on food policy still probably accounts for less than 60% of my total media coverage.

- Generalist science journals and outreach outlets published by learned societies
  - *Nature*
  - *EMBO Reports*
  - *Geographical Magazine* (Royal Geographical Society (RGS) & The Institute of British Geographers (IBG))
  - *Geography Directions* (RGS & IBG).

- Canada

- Newspapers and news services (selected)

**National newspapers and websites:** *Globe & Mail, National Post, La Presse, Le Devoir; CBC, Global, Sun TV, Yahoo Canada, Radio Canada, Canoe.ca*

**Regional newspapers:** *Toronto Star, Ottawa Citizen, Victoria Times Colonist, Calgary Herald, Edmonton Journal, Winnipeg Free Press, Regina Leader-Post, Windsor Star, Waterloo Region Record, Guelph Mercury, Chilliwack Times, Mississauga News*, probably all *Sun* and Quebecor newspapers, *Le Soleil*, and *Le Droit*.

- Generalist and specialized publications (selected)

*MacLean's, Toronto Life, NOW, The Literary Review of Canada, Huffington Post (Canada), Best Health, Canadian Grocer, AgCanada.com, CAAR Communicator* (Canadian Association of Agri-Retailers), *C2C, New Brunswick Business Journal, Vancouver Magazine, Business in Vancouver, Grain News, UofT Magazine, L'actualité, Protégez-vous, La vie agricole, Les affaires*.

- Television coverage

Guest on all Canadian TV networks in nearly all prominent public policy shows and news broadcasts in both official languages (CBC, CBC News Network, CTV, CTV News Network, Global, SUN, BNN, TVO, various local Rogers affiliates, Zoomer TV/One/Vision TV, SRC, TFO, TVA, Tele-Quebec, Canal Argent).

- Radio coverage (selected)

Guest on most public affairs and talk radio shows across the country in both English and French (from CBC's *The Current, Q* and almost all regional affiliates' morning, afternoon and public affairs shows to most major private stations flagship local talk shows), including several new web-based operations.

- USA

- Newspapers and news services

**National:** *New York Times, Wall Street Journal, Washington Post, USA Today, Bloomberg News;*  
**Regional** (selected): *Los Angeles Times, Chicago Tribune, Orange County Register, Kansas City Star, Buffalo News, Wisconsin State Journal & Capital Times* and *Pittsburgh Tribune-Review*; perhaps hundreds of other regional and local newspapers through syndication.

- Newsmagazines and related websites

**Generalist:** *Forbes, Fortune, Reason, National Review (The Corner; Phi Beta Cons), The Atlantic (Cities; Wire), Weekly Standard, Grist, The American Prospect, The American Interest, The Daily Beast, The American Conservative, The Week, US News and World Report (Economic Intelligence blog), Huffington Post, The Chronicle of Higher Education (Arts & Letters Daily), The Daily Caller*  
**Specialized** (selected): *Conservation Magazine, Drovers Cattle Network, The Progressive Farmer, Financial Review of Books, International Business Times, Medical Daily*  
**Regional:** *Philadelphia Magazine, Peoria Magazine*

- Radio and television coverage

**Video:** Featured interviews on *Scully The World Show* (25 minutes, broadcasted on over 200 PBS stations), *Stossel* (Fox Business Network/Fox News Network) and web outlets such as *Reason TV, Huffington Post* and *Green State TV*.

**Audio:** Featured guest on NPR's *Marketplace* and several local NPR affiliates flagship talk radio shows (including New York, Los Angeles, Chicago, Dallas, Madison and Louisville); several commercial nationally syndicated, local talk radio shows and podcasts.

- Other coverage

My research has been discussed by some of America's most prominent economic, agricultural and environmental policy bloggers (from Tyler Cowen's *Marginal Revolution* and Andrew Sullivan's *The Dish* to *Grist, PowerLine, Real Clear Energy* and *Boing Boing*)

- Rest of the World

- Newspapers and newsmagazines

Coverage includes *The Times Literary Supplement, The Spectator, The Guardian, Spiked!* (UK); *Le Figaro* (France); *The Irish Times* (Ireland); *L'AGEFI, La Tribune, Neue Zuercher Zeitung* (Switzerland); probably all significant Swedish newspapers and idea magazines (Sweden); *Stenaldernad, Weekendavisen* (Denmark); *L'espresso, L'Indro* (Italy); other conventional media coverage in Mexico, Russia, Croatia, India, Rwanda and Kyrgyzstan.

- Television

Featured in a food documentary aired in prime time and on the main website of NHK (Japan).

- Radio

Various interviews on BBC World News, Radio Free Europe and a range of stations in the UK, New Zealand, Australia, Ireland, India, France, Belgium and Sweden.

- Other coverage

Various websites of all kinds around the world have covered my work.

DiFrancesco, Richard J.

**Curriculum Vitae**  
**Richard J. DiFrancesco**  
**30-April-2016**

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**A. BIOGRAPHICAL INFORMATION**

**1. Personal Data**

Date of Birth: September 6, 1964  
Citizenship: Canadian  
Home Address: 2371 Heslop Street, Burlington Ontario, L7L6N5 Home  
Phone: 905-332-8967  
University Address: Department of Geography & Program in Planning, 100 St. George Street, Toronto, ON,  
M5S3G3  
Office Phone: 416-978-2935  
Office Fax: 416-946-3886  
Email: [richard.difrancesco@utoronto.ca](mailto:richard.difrancesco@utoronto.ca)

**2. Degrees**

Ph.D., 1995, Department of Geography, McMaster University, Hamilton, ON. M.A., 1990,  
Department of Geography, McMaster University, Hamilton, ON.

**3. Employment**

*Administrative Appointments*

- Associate Chair and Director of Planning, January 1, 2016-
- Acting Chair, Department of Geography & Program in Planning, July 1, 2012 - June 30, 2013.
- Graduate Chair, Department of Geography & Program in Planning, July 1, 2012-
- Associate Chair, Graduate (formerly called "Graduate Coordinator"), Department of Geography & Program in Planning, University of Toronto, January 2010 - July 1, 2012
- Graduate Coordinator, Centre for Environment, University of Toronto, September, 2010 to July, 2011.
- Director, Urban Studies Program (USP), Innis College, July 1, 2005 to June 30, 2015.

### *Academic Appointments*

- Associate Professor, Department of Geography & Program in Planning, University of Toronto, July 2000 to Present.
- Assistant Professor, Department of Geography & Program in Planning, University of Toronto, July 1995 to June 30, 2000.

### *Research Appointments*

- Senior Research Fellow, Cities Centre, University of Toronto, 2007 to Present.
- Research Affiliate, Martin Prosperity Institute, University of Toronto, 2009 to Present.

### 5. Professional Affiliations

- The Ontario Professional Planners Institute (OPPI)
- The Canadian Institute of Planners (CIP)

## **B. ACADEMIC HISTORY**

### 6a. Research Endeavours

- Regional economic models.
- Regional economic growth and development in peripheral regions.
- Growth management planning in the Greater Golden Horse Shoe (GGH) Region.
- Examining the regenerative effects of brownfield redevelopment in urban areas.
- Issues and policy context surrounding near-urban agriculture in Ontario.

### 6b. Research Awards

- SSHRC Standard Research Grant, June, 1998, \$43,000.00, (Coinvestigators = No).
- SSHRC General Research Grant, April 1998, \$2000.00
- SSHRC General Research Grant, March 1997, \$1971.00
- SSHRC General Research Grant, April 1996-, \$2000.00
- University of Toronto Connaught Research Grant, July 1995 -, \$6200.00.
- SSHRC Post-Doctoral Fellowship (756-94-0023), October 1994 - July 1995, \$21,000.00 (Fellowship was awarded for a 2 year period paying \$27,984.00 per year - due to my being hired by the University of Toronto the fellowship was terminated after 8 months).
- SSHRC Doctoral Fellowship (752-92-2555), September 1992 - August 1994, \$14,436.00 annually.

## C. SCHOLARLY AND PROFESSIONAL WORK

### 7a. Refereed Publications:

DiFrancesco, R. (2009). "Specification and Evaluation of Alternative Projections of the Magnitude and Structure of the Ontario Economy to 2020." Published by the Martin Prosperity Institute as part of the Ontario Government's "Ontario in the Creative Age" project.

Petrov A.N. and DiFrancesco, R. (2007) "Contract federalism? New public management and reforming Aboriginal public employment and training services in the Canadian North". In *Federalism, Power and the North: Governance reforms in Russia and Canada*, CERES, Toronto. 2007.

DiFrancesco, R.J. (2004). "On the Macroeconomic Benefits of Brownfield Redevelopment Activities in Canada" in A. Abdel-Aziz & N. Chalifour, eds., *Canadian Brownfields Manual* (Toronto: Butterworths).

DiFrancesco, R.J. (2000). "A Diamond in the Rough?: An Examination of the Issues Surrounding the Development of the Northwest Territories". *The Canadian Geographer*, Vol. 44, no. 2: pp. 114-134.

DiFrancesco, R.J. and W.P. Anderson (1999). *A Developing Canada's Arctic Oil Reserves: An Assessment of Interregional Economic Impacts.* @ *Environment and Planning: A*, Vol. 31, Issue 3; pp. 459-476.

DiFrancesco, R.J. (1998). *The Federal Crown, Territorial Jurisdiction and Aboriginal Title: An Examination of Issues Surrounding the Management and Use of Oil and Gas Land in the Northwest.* *Energy Studies Review*, Vol. 8, Issue 3; pp. 232-248).

DiFrancesco, R.J. (1998). *Large Projects in Hinterland Regions: A Dynamic Multiregional Input-Output Model for Assessing the Economic Impacts.* @ *Geographical Analysis*, Vol. 30, No. 1: pp. 15-34.

DiFrancesco, R.J. and S.C. Lonergan (1994). "Examining Regional Sensitivity to Climate Change Using Aggregate Input-Output Data: The Case of Transportation in the Northwest Territories." *The Canadian Journal of Regional Science*, Volume 17, No. 2., pp. 233-257.



Loneragan, S.C., R.J. DiFrancesco, and M.K. Woo (1993). "Climate Change and Transportation in Northern Canada: An Integrated Impact Assessment". *Climatic Change*, Vol. 24, pp.331-351.

## **7b. Papers Currently Under Peer-Review**

### **8. Non-Refereed Publications**

(in collaboration with Kevin Stolarick, Caroline Andrews, Larry Bourne, Shauna Brail, Betsy Donald, Jill Grant, Eric Miller, Richard Shearmur and Tara Vinodrai), 2011. "Who Cares About 15 Million Urban Voters?" Prepared in concert with the above named individuals, led by the Cities Centre, the Urban Studies Program and the Martin Prosperity Institute. The report was meant to put urban issues on the federal election agenda. Our intention was to show the importance of cities, in terms of voting populations, and the relative absence of urban issues in the election platforms of the federal parties to this point in 2011. The report was circulated widely, especially to the press crews traveling with the candidates. This report culminated in a public panel session held at Innis College in the Fall of 2011.

R.J. DiFrancesco (2007). "Planning and Brownfields: A Primer for Architects and Planners." [http://www.cmhc-schl.gc.ca/en/inpr/bude/himu/coedar/upload/OAA\\_Planning\\_Brownfields\\_EN\\_w.pdf](http://www.cmhc-schl.gc.ca/en/inpr/bude/himu/coedar/upload/OAA_Planning_Brownfields_EN_w.pdf)

R.J. DiFrancesco (May, 2006). "Public Employment Agencies, the Role of Economies of Scale, Aggregation and Critical Mass: A Review of Existing Literature". Prepared under contract for the Aboriginal Strategy Policy Division of Human Resources and Social Development Canada (HRSDC).

R.J. DiFrancesco (with Planscape) (February, 2006). "Greenhouses Grow Ontario: An Economic Impact Study of the Greenhouse Industry in Ontario". Report prepared for the Ontario Greenhouse Association (TOGA).

R.J. DiFrancesco (with L.P. Piccioni) (2005). "Brownfield Redevelopment for Housing: Literature Review and Analysis", Prepared for Canada Mortgage and Housing Corporation (published nationally in paper and electronic form - see [www.cmhc.ca](http://www.cmhc.ca) and search for "Brownfield Redevelopment for Housing").

R.J. DiFrancesco (with L.P. Piccioni) (2005). "Thirteen Case Studies of Brownfield Redevelopment for Housing from Across Canada", Prepared for Canada Mortgage and Housing Corporation (published nationally in paper and electronic form - see [www.cmhc.ca](http://www.cmhc.ca) and search for "Brownfield Redevelopment for Housing")

DiFrancesco, R.J. (2004). “Synthetic Profiles for Each of the 25 Training Board areas which Comprise Ontario.” HRDC retained me to analyze and synthesize the data in the summary tables, and to produce a report for each Training Board Area which summarizes major trends, and points out key issues. In total, 25 profile documents (each consisting of 30 pages of charts, tables and analysis) were delivered in March, 2004.

DiFrancesco, R.J. (2003). “2001 Census Data Acquisition Project Summary Tables for the 25 Training Board Areas which Comprise Ontario”. HRDC retained me to design and produce a series of synthetic summary tables, drawing from the 2001, 1996 and 1991 censuses, for each of the 25 Training Board Areas that comprise Ontario. In total, 26 sets of tables (in electronic format) were delivered to HRDC, one set for each of 25 Training Board Areas, and one set for the Province of Ontario.

DiFrancesco, R.J. (2003). “A Preliminary Investigation into the Economic Impact of Brownfield Redevelopment Activities in Canada.” Report commissioned by the National Round Table on the Environment and the Economy (NRTEE). This report represents a key background report for the National Brownfields Strategy that was released by the NRTEE in January, 2003. (Note: Mr. David McGuinty, President of the NRTEE, approached me to conduct this work. No request for proposals was issued. The analysis presented in this report formed the core of a report submitted to the Federal Minister of Finance, the Hon. John Manley. Additionally, when Mr. David McGuinty (NRTEE President) or Mr. Angus Ross (Head of the NRTEE’s Brownfields Task Force) speak publically on the need for a national brownfields strategy, the numbers they use originate in this report.)

DiFrancesco, R.J. (2003). “An Economic Impact Analysis of Agricultural Production in the City of Hamilton.” The City of Hamilton commissioned myself and Planscape to examine and quantify the economic importance of agriculture within the City of Hamilton. The City of Hamilton, in conjunction with the Department of Economic Development, and the Federations of Agriculture wanted to substantiate their claims that agriculture has a significant economic impact and should be valued more highly when considering proposals for the conversion of agricultural land to urban use. To address this need, I developed and implemented a methodology to compute Hamilton-specific output, GDP, employment and labour income effects of 11 different categories of agricultural activity, in addition to 25 industrial sectors already tracked in the provincial economic accounts. The output of what I called the Hamilton Regional Impact Model (HRIM) is currently being used by planners and politicians in Hamilton to further smart growth initiatives.

DiFrancesco, R.J. (2003). “Measuring the Economic Impact of Agricultural Activities in the Regional Municipality of Niagara”. The Regional Municipality of Niagara commissioned myself and Planscape to examine the socioeconomic importance of agricultural land/activities in Niagara. Central to the regional municipality’s request

was the expression of this importance in terms that would be comparable to those often used for other sectors like manufacturing or services. The idea being that if councillors and provincial and federal politicians knew the magnitude of the direct, indirect and induced effects of agriculture in Niagara, they may be more inclined to take this into consideration in their long term plans for the region. To address this need, I developed and implemented a methodology to compute Niagara-specific output, GDP, employment and labour income effects of 11 different categories of agricultural activity, in addition to 25 industrial sectors already tracked in the provincial economic accounts. The output of what I called the Niagara Region Impact Model (NRIM) are currently being used by planners and politicians in Niagara to further smart growth initiatives.

DiFrancesco, R.J. (2003). "A Look Inside Hamilton's Manufacturing Cluster". Report commissioned by the Hamilton Training Advisory Board (HTAB). The report drilled down into the structure of manufacturing in the New City of Hamilton, highlighted potential labour supply problems for specific sub-sectors of manufacturing, and offered recommendations for further study.

DiFrancesco, R.J. (2002) (with GHK International (Canada)). "An Economic Impact Assessment of the Film, Television and New Media Industries in the Province of Ontario". Report commissioned by the Ontario Media Development Corporation.

DiFrancesco, R.J. (2001). "Examining the Economic Importance of Agriculture in Northumberland, Hastings and Prince Edward Counties: A Non-survey Input-Output Analysis." Report commissioned as part of a larger study conducted for the Northumberland, Hastings and Prince Edward Counties Federations of Agriculture.

DiFrancesco, R.J. (with Planscape) (2001). "Economic Impact and Potential of Agriculture Study". Report commissioned by the Northumberland, Hastings and Prince Edward Counties Federations of Agriculture.

DiFrancesco, R.J. (1999). "Measuring the Importance of Agriculture in the Greater Toronto Area: Available Tools, Past Approaches, and a Possible Strategy", in the Greater Toronto Area Agricultural Economic Impact Study. (This study was commissioned by the GTA Federations of Agriculture Project Management Committee and prepared by Walton & Hunter Planning Associates, Betsy J. Donald MCIP, RPP, and J. Ross Raymond & Associates Ltd.. The project was funded by GTA Federations of Agriculture, Human Resources Development Canada, the Greater Toronto Marketing Alliance, and the Regional Municipalities of the GTA.).

Anderson, W.P., M. and R.J. DiFrancesco (1997). "Potential Impacts of Climate Warming on Hydrocarbon Production in the Northern Mackenzie Basin." in Cohen, S.J. (ed.) Mackenzie Basin Impact Study (MBIS): Final Report. Environmental

Adaptation Research Group, Climate and Atmospheric Research Directorate, Atmospheric Environment Service, Downsview, Ontario.

DiFrancesco, R.J. (1995). A Management of Oil and Gas in the Northwest Territories: The Evolution of the Federal-Territorial Relationship under a Northern Accord@.  
Report written on a contract basis for Natural Resources Canada through the Energy Policy Research Program, McMaster Institute for Energy Studies.

Anderson, W.P., R.J. DiFrancesco, and M. Kliman (1994). "Potential Impacts of Climate Change on Petroleum Production in the Northwest Territories." Mackenzie Basin Impact Study: Interim Report #2, (Published by the Communications Directorate, Environment Canada).

Loneragan, S.C. and R.J. DiFrancesco (1993). "Baseline Population and Economic Growth Simulation." Mackenzie Basin Impact Study: Interim Report #1, (Published by the Communications Directorate, Environment Canada, Edmonton).

## 9. Manuscripts in Preparation

Farmers Markets in Ontario: The Potential for Urban-Rural Synergies? (possibly with Kevin Roy)

Mega-Sporting Events and Affordable Housing in Urban Areas: A Literature Review (possibly with Isabel Luciano)

## 10. Conference Papers

DiFrancesco, R.J. and A. Petrov, University of Toronto. "Public Employment and Training Service Delivery in Remote and Largely Aboriginal Regions: an examination of the spatial effects of the new public management approach to public service delivery." Presented at the 53rd Annual Meeting of the North American Regional Science Association International, Toronto, Ontario, November 16-18, 2006.

Petrov, A. and R.J. DiFrancesco, University of Toronto. "Contract Federalism? New public Management and reforming Aboriginal public employment and training services in the Canadian North. Paper presented at a conference sponsored by the Centre for European, Russian and Eurasian Studies (CERES), University of Toronto entitled "Federalism, Power and the North: Governance Reforms in Canada and Russia" (conference was funded by the Canadian Department of Indian Affairs and Northern Development (DIAND)).

Muhammad Ahsanul Habib and R. J. DiFrancesco, University of Toronto. "An Application of Input-Output Techniques in Freight Modelling". Presented at the North American Regional Science Council 52nd Annual Meeting, Las Vegas, Nevada, November 10-12, 2005.

Norman, Jonathan, R.J. DiFrancesco and H.L. MacLean, University of Toronto. "An Under-utilized Policy Evaluation Tool? New Opportunities for Environmental Input- Output Analysis in North America", Presented at the North American Regional Science Council 51st Annual Conference, Seattle, Washington, USA, November 11-13, 2004.

Khandker Mohammed Nurul Habib, R. J. DiFrancesco "Regional Specialization and Employment Dynamics in Canada", Presented at the North American Regional Science Council 51st Annual Conference, Seattle, Washington, USA, November 11-13, 2004.

Elgar I. and DiFrancesco, R., J. "A Multi-Regional Input-Output Model for Firm Location in the GTA." Presented in the 51st Annual Meeting of North American Association of Regional Science, November, 2004, Seattle, USA

DiFrancesco, R.J. and L.P. Piccioni (2003). "The Economic Potential of Brownfield Redevelopment" Paper presented at "Brownfields 2003", Kitchener Ontario, October 23, 2003, sponsored by the Canadian Urban Institute.

DiFrancesco, R.J. and G. Legare. (2001). "Measuring the Economic Significance of the Film & Television Cluster in Ontario: A Survey Driven Input-Output Approach". Paper presented at the 48th North American meetings of the Regional Science Association International, Charleston SC., November 14-17, 2001.

Haider, M. and R.J. DiFrancesco (2000). "A Descriptive Analysis of Spatio-Temporal Variation in Retail Real Estate Prices in the GTA." Paper presented at the 2000 Meetings of the Canadian Regional Science Association, Toronto, June 2-4, 2000.

DiFrancesco, R.J. and R. Ellis (2000). "Megaprojects, the Evolution of Aboriginal Title and Socioeconomic Impacts: The Case of Diamond Mining in the Northwest Territories." Paper presented at the 2000 Meetings of the Canadian Regional Science Association, Toronto, June 2-4, 2000.

DiFrancesco, R.J. (2000). "Comprehensive Land Claim Agreements and Socioeconomic Development: The Case of Nunavut." Paper presented at the 96th Annual Meeting of The Association of American Geographers, Pittsburgh, Pennsylvania, April 4-8, 2000.

DiFrancesco, R.J. (1999). "Comprehensive Land Claims and Regional Economic Growth and Change: The Case of Nunavut." Paper presented at the 46th North American

Meetings of the Regional Science Association International, Montreal, Quebec, November 11-14, 1999.

DiFrancesco, R.J. (1998). "Megaprojects and Microeconomies: The Case of Oil Development in the Canadian Arctic." Paper presented at the 45th North American Meetings of the Regional Science Association International, Santa Fe, New Mexico, November 11-14, 1998.

DiFrancesco, R.J. (1998). "Megaprojects and Economic Development in Hinterland Regions: Initial Thoughts on the Development of a Simulation Model for the NWT Region of Canada." Paper presented at the 94th Annual Meeting of the Association of American Geographers, Boston, Mass., March 23 - 29, 1998.

DiFrancesco, R.J. (1997). "Large Capital Projects in Hinterland Regions: A Dynamic Multiregional Model for Assessing the Economic Implications." Paper presented at the 21st Annual Meeting of the Canadian Regional Science Association, St. Johns, Newfoundland, August 22 - 26, 1997.

DiFrancesco, R.J. (1996). "A Dynamic Multiregional Input-Output Model: Structure and Experimental Results." Paper presented at the Annual Meeting of the Canadian Regional Science Association, St. Catharines, Ontario, May 31 - June 2, 1996.

DiFrancesco, R.J. (1996). "Geopolitical Change in the Northwest Territories: Implications for Economic Development." Paper presented at the Annual Meeting of the Canadian Association of Geographers, Saskatoon Saskatchewan, May 11 - 16, 1996.

Anderson, W.P., and R.J. DiFrancesco (1996). "Potential Impacts of Climate Change on Oil and Gas Development in the Canadian Arctic." Paper presented at the Annual Meeting of the Canadian Association of Geographers, Saskatoon Saskatchewan, May 11 - 16, 1996.

Anderson, W.P., M. Kliman, and R.J. DiFrancesco (1996). "Potential Effects of Climate Change on the Energy Sector of the Northern Mackenzie Basin." Paper presented at the Final Workshop of the Mackenzie Basin Impact Study, Yellowknife, Northwest Territories, May 4-8, 1996.

DiFrancesco, R.J. (1996). "A Dynamic Multiregional Input-Output Model: Structure and Experimental Results." Paper presented at the 92nd Annual Meeting of the Association of American Geographers, Charlotte North Carolina, April 9 - 13, 1996.

DiFrancesco, R.J. (1995). "Developing Canada's Arctic Oil Reserves: Assessing the Economic Impacts Over Time and Space." Paper presented at the Annual Meeting of the Western Division - Canadian Association of Geographers, Dunsmuir Lodge, Victoria, British Columbia, March 3-5, 1995.

Anderson, W.P., and R.J. DiFrancesco, (1994). "Analyzing Potential Economic Effects of Oil and Gas Development in the NWT: A Dynamic I-O Approach." Paper Presented at the 18th Annual Meetings of the Canadian Regional Science Association, The University of Calgary, Calgary, Alberta, 9 June - 11 June, 1994.

DiFrancesco, R.J., and W.P. Anderson, (1994). "Analysing the Medium-term Interregional Economic Effects of Potential Oil Development Projects in the Northwest Territories: Experimental Results." Paper presented at the 1994 Annual Meetings of the Canadian Association of Geographers, Wilfrid Laurier University, Waterloo, Ontario, 17 May - 21 May, 1994.

Anderson, W.P., M. Kliman, and R.J. DiFrancesco, (1994). "The Energy Sector, Part 2: Assessment Methods". Paper presented at the Mid Study Workshop of the Mackenzie Basin Impact Study, Yellowknife, Northwest Territories, 10 April - 14 April, 1994.

DiFrancesco, R.J., and W.P. Anderson, (1994). "Interregional Implications of Oil and Gas Activity in the Northwest Territories: A Dynamic Multiregional Input-Output Approach". Paper presented at the 90th Annual Meeting of the Association of American Geographers, San Francisco, California, 29 March - 2 April, 1994.

DiFrancesco, R.J. (1994). "Assessing Medium-Term Interregional Economic Impacts of Potential Oil Development Projects in the Northwest Territories: A Methodological Framework." Paper presented at the 2nd Annual McMaster/University at Buffalo Graduate Geography Conference, McMaster University, Hamilton Ontario, 11 March - 12 March, 1994.

DiFrancesco, R.J. (1993) "Intersectoral Linkages in the Canadian Multiregional System: The Case of a Northern Resource Hinterland". Paper presented at the 1993 Annual Meetings of the Canadian Association of Geographers, Carleton University, Ottawa Ontario, 30 May - 3 June, 1993.

DiFrancesco, R.J. and S.C. Lonergan (1993) "Interregional Implications of Resource Development in the Mackenzie Basin". Paper presented at the 89th Annual Meeting of the Association of American Geographers, Atlanta, Georgia, 6 April - 10 April, 1993.

DiFrancesco, R.J., S.C. Lonergan, and S. Prudham (1993) "Economic Development Prospects for the Mackenzie Basin: A Scenario Based Approach". Paper presented at the 1st Annual McMaster/University at Buffalo Graduate Geography Conference, University at Buffalo, Buffalo NY, 5 March - 6 March, 1993.

DiFrancesco, R.J. and S.C. Lonergan (1992) "An Examination of the Likely Course of Development for the Mackenzie Basin Region into the Next Century: A Scenario

Approach". Paper presented at the annual meeting of the Mackenzie Basin Impact Study group, Edmonton, December 1992.

Anderson, W.P. and R.J. DiFrancesco (1992) "Net Provincial Flows of Private Capital". Paper presented at the 88th Annual Meetings of the Association of American Geographers, San Diego, April 1992.

DiFrancesco, R.J. and S.C. Lonergan (1991) "Assessing the Potential Economic Impacts of a Warmer Climate on the Mackenzie Valley Region, NWT.: A Methodological Approach" Paper presented at the Annual Meetings of the Canadian Regional Science Association, Kingston, June 1991.

Lonergan, S.C., M.K. Woo, and R.J. DiFrancesco (1990) "Assessing the Impacts of a Warmer Climate on the Transportation Systems of the Mackenzie Valley Region, NWT." Paper presented at the 86th Annual meetings of the Association of American Geographers, Toronto, April 1990.

### **11. Invited Lectures**

Megaprojects and Microeconomies: The Case of Oil Development in the Northwest Territories. Seminar given in the Graduate Colloquium Series, Department of Geography, York University. October 20, 1998.

## **D. LIST OF COURSES TAUGHT**

### **12a. Undergraduate**

The Urban Studies Program, Innis College, September 2010 to Present

- INI435H - Independent Research in Urban Studies
- INI436H - Independent Research in Urban Studies
- INI338H - Advanced Urban Problems I
- INI430H - Advanced Urban Problems II
- INI432H - Special Topics in Urban Studies (The course focussed on a series of lectures relating to the many issues that we felt needed to be discussed in light of the 2006 Municipal Elections. These were hosted at Innis College during the Fall of 2006. Students enrolled in this class, attended all lectures as well as classroom sessions with myself and produced a research paper on an approved topic related to the lectures.)

The Department of Geography & Program in Planning, January 1995 to Present.

- SSC199H - Cities and Everyday Life (now called SII199H)
- GGR220Y - Spatial Organization of Economic Activity



- GGR252H - Marketing Geography
- GGR270Y - Introductory Analytical Methods
- GGR371H - Advanced Quantitative Methods for Geographers
- GGR374H - Urban Dynamics
- GGR431H - Regional Dynamics

### **12b. Graduate**

The Department of Geography & Program in Planning, January 1995 to Present.

- JPG2150H - Regional Dynamics
- JPG1670H - Regional Economic Analysis
- PLA1102H - Urban and Regional Dynamics
- PLA1105H - Planning Decision Methods II

### **12c. Graduate Supervision**

Committees: M.Sc.(Pl.)	-40
M.A.	-2
Ph.D.	-15

Supervision:

Ph.D.	-2
M.Sc.(Pl.)	-40
B.A. (Spec.)	- 5
B.A. (Major) GGR499Y Independent Research Project	

## **E. ADMINISTRATIVE POSITIONS**

### **13a. University**

Associate Chair and Director of Planning, Department of Geography & Planning, January 1, 2016 to Present.

Director, Urban Studies Program, Innis College, July 2005 to Present.

Graduate Coordinator, Centre for Environment, September 2010 to June 30, 2011.

### **13b. Department**

Associate Chair, Graduate (formerly the Graduate Coordinator), Department of Geography & Program in Planning, January 2010 to Present.

## F. OTHER RELEVANT INFORMATION

### *Most Recent - Submission of a SSHRC Partnership Development Grant Proposal*

In the Winters of 2012 and 2013, Dr. Kevin Stolarick, Ms. Pru Robey of Artscape, and myself submitted a proposal for a SSHRC Partnership Development Grant valued at approximately \$200,000.00. The proposed project was entitled “Understanding the impact of cultural facilities on the cultural, economic, social and environmental condition of their neighbourhoods.” The purpose of this grant was to create and disseminate new knowledge on the underlying relationships between the arts, artists, and arts facilities and regional prosperity. Unfortunately, we were unsuccessful in the 2012 and 2013 competitions.

### *Who Cares About 15 Million Voters? - A panel discussion and public debate.*

The Urban Studies Program in partnership with the Cities Centre, the Martin Prosperity Institute and Innis College organized this themed session to provoke public debate of important urban issues that needed to be on the federal political agenda heading into the election. Matt Galloway, host of CBC Metro Morning moderated the session and our panelists included Julia Deans (CEO, Greater Toronto Action Alliance), Fred Eisenberger (CEO, Canadian Urban Institute), Richard Sommer (Dean, FALD, University of Toronto). This event led to several oped pieces in national newspapers, as well as discussions on various media outlets.

### *Organization of Lecture Series – September 2006 to November 2006 – “What Future for Toronto?”*

In the fall of 2006, the Urban Studies Program at Innis College, in partnership with the Canadian Urban Institute (CUI) and the Centre for Urban and Community Studies organized a series of twelve weekly public lectures/forums on a variety of issues of concern to the City as it headed into the municipal election. The Urban Studies Program held the lead role and hosted all 12 lectures/forums.

### *Journal Manuscript Reviews*

Canadian Geographer, 2007, 2008

Regional Studies, 2003

Regional Studies, 2001.

Geographical Analysis, January, 1999.

The Canadian Geographer, January, 1999; December 1998. The Canadian Journal of Regional Science, February 1997. The Great Lakes Geographer, December 1995 - January 1996.

*Peer-review of Research Reports*

“Shaping the Toronto Region – Past, Present and Future”. Report to be published by the Neptis Foundation in 2008.

*Referee on Scholarly Grant Applications*

Member of the Ontario Graduate Scholarship Selection Committee, November 2005 to February 2006.

Member of the Ontario Graduate Scholarship Selection Committee, November 2004 to February 2005.

Member of the Ontario Graduate Scholarship Selection Committee, November 2002 to February 2003.

Social Sciences and Humanities Research Council of Canada, December 1995 - January 1996.

Enright, Theresa

## **THERESA E. ENRIGHT**

Sidney Smith Hall Room 3060  
100 St. George St.  
Toronto, ON  
M5S3G3

Email: [theresa.enright@utoronto.ca](mailto:theresa.enright@utoronto.ca)  
Phone: 416.978.5442

### **EDUCATION**

PhD, Politics with a Designated Emphasis in History of Consciousness, 2012, University of California, Santa Cruz

B. Arts Sc., Honours Arts and Science and Political Science, 2006, McMaster University (*Summa Cum Laude*)

### **EMPLOYMENT**

University of Toronto, 2013-  
Department of Political Science  
Assistant Professor

University of California, Santa Cruz, 2012-2013  
Department of Politics  
Instructor

### **RESEARCH INTERESTS**

urban politics and planning, metropolitan governance, critical urban theory, transportation and mobility, Marxist thought, urban and suburban social movements, global urbanization

### **PUBLICATIONS**

#### ***Books***

Enright, T. and Rossi, U. (Eds.) (2017) *The Urban Political: Ambivalent Spaces of Late Neoliberalism*, New York: Palgrave.

Enright, T. (2016) *The Making of Grand Paris: Metropolitan Urbanism in the Twenty-First Century*. Cambridge: MIT Press.

### **Articles**

Enright, T. (2017) "The Political Topology of Urban Uprisings," *Urban Geography*, 38:4, 557-577.

Enright, T. (2015) "Transportation and the Coordination of the Competitive Parisian Metropolis." *Flux* N° 101/102: 57-68.

Enright, T. (2014) "The Great Wager: Crisis and Mega-project Reform in 21<sup>st</sup> Century Paris." *Cambridge Journal of Regions, Economy and Society* 7 (1): 155-170.

Enright, T. (2014) "Illuminating the Path to Grand Pari(s): Architecture and Urban Transformation in an Era of Neoliberalization." *Antipode* 46 (2): 382–403.

Enright, T.E. (2013) "Mass Transportation in the Neoliberal City: The Mobilizing Myths of the Grand Paris Express." *Environment and Planning A* 45 (4): 797–813.

Enright, T.E. (2011) "Metropolitan Bodies: The Banlieusard and the Production of Space." *Spaces & Flows*, 1 (2): 133-144.

### **Book Chapters**

Enright, T. (forthcoming) "Metropolitan Governance in Paris." in *The Routledge Companion to the Suburbs*, edited by Bernadette Hanlon and Thomas Vicino., New York: Routledge.

Enright, T. (2018) "Mobile Futures: Urban Revitalisation and the Aesthetics of Transportation" in *Handbook on Spaces of Urban Politics*, edited by Andy Jonas et al., London: Routledge.

Enright, T. and Rossi, U. (2018) "Ambivalence of the Urban Commons" in *Handbook on Spaces of Urban Politics*, edited by Andy Jonas et al., London: Routledge.

\*Translated into Italian (Ugo Rossi) and published (2016) as "Ambivalenza dei commons" in *Commons/ Comune: Geografie, luoghi, spazi, città*. Società di Studi Geografici.

Enright, T., and Rossi, U. (2017) "Introduction: Locating the Political in Late Neoliberalism" in *The Urban Political: Ambivalent Spaces of Late Neoliberalism*, edited by Theresa Enright and Ugo Rossi. New York: Palgrave. 1-24.

Enright, T., and Rossi, U. (2017) "Desiring the Common in the Post-crisis Metropolis: Insurgencies, Contradictions, Appropriations" in *The Urban Political: Ambivalent Spaces of Late Neoliberalism*, edited by Theresa Enright and Ugo Rossi. New York: Palgrave. 45-64.

Enright, T. (2015) "Contesting the Networked Metropolis," in *Transport, Mobility and the Production of Urban Space*, edited by Julie Cidell and David Prytherch, New York: Routledge. 172-186.

### **Review Articles and Fora**

Boudreau, J-A., Greenberg, M., Enright, T., Wachsmuth, D., and Ward, K. (2018) Review forum on The Making of Grand Paris. *Urban Geography*, online early view

Enright, T., Björkman, L., McGuirk, P., Peck, J., Purcell, M., Scott, A., and Rossi, U. (2018) Review forum on Cities in Global Capitalism. *AAG Review of Books* 6(1)

Enright, T. (2015) Kenny Cupers, The Social Project, *Culture Machine*.

Enright, T. (2008) Patricia Clough, ed., The Affective Turn. *Politics and Culture*, 2.

Enright, T. (2006) Paul Gilroy, Postcolonial Melancholia. *Politics and Culture*, 2.

### **Other Works**

Schafran, A. and Enright, T. (2017) Inter-review about The Making of Grand Paris: Metropolitan Urbanism in the Twenty-First Century. *The Geographical Review*, early view, <http://onlinelibrary.wiley.com.myaccess.library.utoronto.ca/doi/10.1111/gere.12282/full>

Schafran, A., LeMoigne, Y. Enright, T. and Aiello, G. (2017) Rendering a Redeveloped France. *Metropolitics*. 7 June. <http://www.metropolitiques.eu/Rendering-a-Redeveloped-France.html>

### **Works in Progress**

Enright, T., Lehrer, U. and Tchoukaleyska, R. (Eds.) Special issue of *Canadian Journal of Urban Research* on “Public Space Beyond the City Center.” To be published 2019.

Enright, T. and McIntyre, C. Art and Neighborhood Transformation in the In-Between City. Under Review in the *Canadian Journal of Urban Research*.

Siemiatycki, M., Enright, T. and Valverde, M. The Masculine Production of Global Infrastructure. Under Review in *Progress in Human Geography*.

Enright, T., Keil, R., Kingwell, M., Kohn, M., Valverde, M. Review symposium on The Death and Life of the Urban Commonwealth. Under review in the *International Journal of Urban and Regional Research*.

Enright, T. The Transit Question: Rethinking the Crisis of Urban Mobility. Paper in preparation for *Environment and Planning D: Society and Space*.

## **CONFERENCE PARTICIPATION**

### **Paper Presentations**

“Beyond Automobility? Alternative Transport Planning for (Im)mobility Justice” (with A. Kramer and O. Roy-Baillargeon) Association of American Geographers, New Orleans, April 10-14, 2018

“Toward Spatial and Mobility Justice in Critical Transport Research” (with A. Kramer and O. Roy-Baillargeon) Urban Affairs Association, Toronto, April 4-7, 2018

“What Lies Between Us: Urban Transportation and the Politics of Porosity” Royal Geographical Society Conference, London, UK, August 28-31, 2017

“Metromobility and Spatial Justice” Canadian Political Science Association Annual Meeting, Toronto, May 1-3, 2017

“Contentious Politics of Metromobility,” Association of American Geographers Annual Meeting, San Francisco, March 29-April 2, 2016

“The Political Topology of the Global City,” American Political Science Association Annual Meeting, San Francisco, September 3-6, 2015

“Metromobility and Spatial Justice,” Canadian Association of Geographers Annual Meeting, Vancouver, June 1-5, 2015

“Metromobility: A Critical Perspective,” Cities and Learning Symposium, Munk School for Global Affairs, University of Toronto, May 11-12, 2015

“Rethinking the Urban Political in Late Neoliberal Societies,” Association of American Geographers Annual Meeting, Chicago, April 21-25, 2015 (with Ugo Rossi)

“Mass Urban Transit in the 21<sup>st</sup> Century: The Dialectics of Metromobility,” Historical Materialism, York University, Toronto, May 8-11, 2014

“The Global Regime of Metromobility,” Association of American Geographers Annual Meeting, Tampa, April 7-12, 2014

“The Grand Model of Global City Production,” International Studies Association Annual Meeting, Toronto, March 26-29, 2014

“Metropolis Derailed,” Suburban Revolution, York University, Toronto, September 26-28, 2013

“The Multitude and the Metropolis: Urban Development and Resistance in the Global City,” Association of American Geographers Annual Meeting, Los Angeles, April 9-13, 2013

“Resisting the Global City: Urban Uprising and Mega-Project Reform in Paris and London,” Western Political Science Association Annual Meeting, Los Angeles, March 28-31, 2013

“A Thousand Layers of Governance: The Metropolitan Project of Grand Paris,” Western Political Science Association Annual Meeting, Portland, March 22-24, 2012

“Building Grand Paris: Reconsiderations of the State Mode of Production,” Association of American Geographers Annual Conference, New York, February 24-28, 2012



“Moving through Grand Paris: Transportation, Connectivity and Banlieue Politics,” Association of American Geographers Annual Conference, Seattle, April 12-16, 2011

“Metropolitan Bodies: On the *Banlieusard* and the Production of Space,” Spaces and Flows, University of California, Los Angeles, December 4-5, 2010 (virtual presentation)

“Metropolitan Bodies: On the *Banlieusard* and the Production of Space,” Historical Materialism, School of Oriental and African Studies, London, November 11-14, 2010

“Eccentric Planning: Architecture and the Reproduction of Difference.” Historical Materialism, York University, Toronto, May 13-16, 2010

“The Ethics of Vulnerability: Conviviality, Affect and Multiculturalism,” Representing Affect/Affecting Representation, Department of Comparative Studies, Ohio State University, Columbus, January 18-19, 2008

“The Politics of Vulnerability: Spinozan Affect and Violence,” Cultures of Violence, Department of Comparative Literature, University of California, Irvine, April 6-7, 2007

### ***Other Presentations***

“Building” (art installation collaboration with Nick Lally and Kyle Forrest), *Things That Are Possible*, MFA Show, University of California, Santa Cruz, May 2010 \**Alumni Award for “Best in Show”*

### ***Panelist, Chair and Discussant Roles***

Discussant, “Diversity and Representation,” Canadian Political Science Association Annual Meeting, Toronto, May 1-3, 2017

Discussant, “Globalization 2.0,” Association of American Geographers Annual Meeting, Boston, April 5-9, 2017

Panelist, Author-Critic panel on Theresa Enright’s *The Making of Grand Paris: Metropolitan Urbanism in the Twenty-First Century* Association of American Geographers Annual Meeting, Boston, April 5-9, 2017

Panelist, Author-critic panel on Margaret Kohn’s *The Death and Life of the Urban Commonwealth*, University of Toronto Centre for Ethics, January 17, 2017

Panelist, “The Future of Comparative Urban Politics,” American Political Science Association Annual Meeting, Philadelphia, September 1-4, 2016

Discussant, “Building and Testing Theories of Urban Policymaking and Governance,” American Political Science Association Annual Meeting, San Francisco, September 3-6, 2015

Panelist, “Transport and Mobility in the Production of Urban Space,” Association of American Geographers Annual Meeting, Chicago, April 21-25, 2015

Chair and discussant for the panel “The Light Comes from Under the Door: Technologies of Capital and its Encouraging Gaps,” Historical Materialism, York University, Toronto, May 8-11, 2014

Chair and discussant for the panel, “Keywords for Radicals,” Historical Materialism, York University, Toronto, May 8-11, 2014

### ***Session Organizing***

Co-organizer (with Roza Tchoukaleyska and Ute Leher) of a session on “Public Space Beyond the Centre,” Canadian Association of Geography Annual Meeting, Toronto, May 1-3, 2017

Co-organizer (with Olivier Roy-Baillargeon) and co-chair of two sessions on “Metromobility and Spatial Justice,” Urban Affairs Association, Minneapolis, April 19-22, 2017

Organizer, panelist, and chair of an Author Critic panel on Ugo Rossi’s *Cities in Global Capitalism*, Association of American Geographers Annual Meeting, Boston, April 5-9, 2017

Co-Organizer (with Roza Tchoukaleyska, Per Gunnar Røe and Kristin Reichborn-Kjennerud) and co-chair of four sessions on “Accessing Public Space,” Association of American Geographers Annual Meeting, San Francisco, March 29-April 2, 2016

Co-Organizer (with Ugo Rossi) and co-chair of five sessions on “Rethinking the Urban political at a time of Late Neoliberalism,” Association of American Geographers Annual Meeting, Chicago, April 21-25, 2015

### **INVITED LECTURES/WORKSHOP PARTICIPATION**

“Paris is its Suburbs: The Promises and Limits of Grand Urbanism” Columbia University GSAPP Lectures in Planning Series November 21, 2017

“The Future Ruins of Grand Paris,” Invited keynote at the Precarious Infrastructures conference, University of Massachusetts Boston, April 4, 2017

“The Metropolitan Project of Grand Paris,” University of Toronto Department of Geography Intersections Speaker Series, October 23, 2015

“Big Cities Big Ideas: Métropole du Grand Paris: Planning and Integrating the Paris Metropolitan Region,” with Catherine Barbé and Larry Clay. University of Toronto, November 19, 2014

Summer Institute in Economic Geography. Frankfurt, July 20-26, 2014

Summer Institute in Urban Studies. Manchester, June 29-July 4, 2014

“The Ethics of Metromobility.” University of Toronto Centre for Ethics, February 26, 2014

“Mobilizing Myths of the Grand Paris Express,” Emerging Worlds Workshop with Immanuel Wallerstein, University of California, Santa Cruz, May 16, 2012

## **RESEARCH AWARDS AND FELLOWSHIPS**

University of Toronto SSHRC Institutional Grant, 2016

SSHRC Insight Development Grant (co-applicant with Ute Lehrer and applicant Roza Tchoukaleyska), “The Impact of High-rise Revitalization on Suburban Public Spaces in Canada and France,” 2015-2017

University of Toronto SSHRC Institutional Grant, 2015

University of Toronto Connaught New Researcher Award, “Comparative Metromobilities: Mass Transportation and the Global City,” 2014-2017

University of Toronto SSHRC Institutional Grant, 2014

University of California, Santa Cruz Chancellor’s Dissertation-Year Fellowship, 2011-2012

University of California, Santa Cruz Politics Summer Research Fellowship, 2008

University of California, Santa Cruz Politics Fellowship, 2007

University of California, Santa Cruz Politics Tuition Fellowship, 2006-2009

Killam Fellowship, In residence at the School of International Service, American University, 2005

## **PEDAGOGICAL ACTIVITIES**

### ***Courses Taught***

*University of Toronto*

POL 2371/471: Urban Revolution: Contemporary Spatial Politics

POL 349: Globalization and Urban Politics

SII 199: MetroMarxism

SII 199: Social Justice and the City

*University of California, Santa Cruz*

POLI 4: Citizenship and Action

POLI 106: Marxism as a Method: Critical Urban Studies

POLI 190: Empire and After

### ***Thesis Supervision***

Michelle Amri (co-supervisor) “Urban Public Health and Social Inequality,” PhD, Dalla Lana School of Public Health, thesis in progress

Sude Beltan (committee member) “Metropolises in the Making: Development and Democracy in Urban Turkey,” PhD, Department of Political Science, thesis in progress

Thilo Shaefer (committee member) “Laneway Utopias: The Past, Present, and Future of Toronto’s Laneways,” PhD, Department of Political Science thesis in progress

Colby Chubbs (supervisor) “Play and Politics,” Department Undergraduate thesis completed 2016, Department of Political Science

Klim Khomenko (supervisor) “Regional Prosperity becomes Survival, at all Costs: Intensification, Economic Competitiveness, and Polycentric Spatial Polarization in the Toronto Region,” Undergraduate thesis completed 2015, Department of Political Science

## **PROFESSIONAL ACTIVITIES**

### ***Research Associations***

Senior Fellow at the Global Cities Institute, University of Toronto, 2013-

### ***Professional Membership***

American Political Science Association, Association of American Geographers, Canadian Association of Geographers, Urban Affairs Association, Canadian Political Science Association

### ***External Service***

Manuscript Reviewer: *Geoforum*; *New Political Science*; *Urban Geography*; *Antipode*; *Space and Polity*; *Environment and Planning C*; *Environment and Planning A*; *Territory, Politics, Governance*; Routledge Press, University of Toronto Press

Editorial Board Member: *Urban Geography*, 2018-

Editorial Board Member: *Politics and Culture*, 2008-2012

## **LANGUAGES**

English, French

Eidelman, Gabriel

# GABRIEL EIDELMAN

14 Queen's Park Cres. West, Toronto, ON M5S 3K9 | 416.978.7831 | g.eidelman@utoronto.ca

## CURRENT POSITIONS

- 2014- Assistant Professor, School of Public Policy and Governance, University of Toronto  
2015- Instructor, Trinity One Program, Trinity College, University of Toronto

## PAST POSITIONS

- 2014 Lecturer, Local Government Program, Dept. of Political Science, Western University  
2013-14 Visiting Researcher, Dept. of Political Science, Western University  
2013-14 Instructor, Dept. of Political Science, University of Toronto Mississauga  
2013 Instructor, School of Public Policy and Governance, University of Toronto  
2012-13 SSHRC Postdoctoral Fellow, Dept. of Political Science, Western University  
*Supervisor:* Martin Horak

## EDUCATION

- 2012 PhD Political Science (Collaborative Program, Environmental Studies), University of Toronto  
*Dissertation:* [Landlocked: Politics, Property, and the Toronto Waterfront, 1960-2000](#)  
\* Vincent Lemieux Prize for best PhD thesis, Canadian Political Science Association  
*Committee:* Richard Stren (chair), David Cameron, Phil Triadafilopoulos  
2007 MA Political Science (Collaborative Program, Environmental Studies), University of Toronto  
2005 BA Communication and Political Science (*Summa Cum Laude*), University of Ottawa

## PUBLICATIONS

### Journal Articles

- Eidelman, Gabriel. 2016. [“Rethinking Public Land Ownership and Urban Development: A Canadian Perspective.”](#) *Cities: The International Journal of Urban Policy and Planning* 55: 122-126.  
Eidelman, Gabriel. 2010. [“Managing Urban Sprawl in Ontario: Good Policy or Good Politics?”](#) *Politics & Policy* 38(6): 1211-1236.  
Eidelman, Gabriel, and Zack Taylor. 2010. [“Canadian Urban Politics: Another ‘Black Hole?’”](#) *Journal of Urban Affairs* 32(3): 305-320.  
Taylor, Zack, and Gabriel Eidelman. 2010. [“Canadian Political Science and the City: A Limited Engagement.”](#) *Canadian Journal of Political Science* 43(4): 961-981.

### Book Chapters

- Eidelman, Gabriel. 2011. [“Who’s in Charge? Jurisdictional Gridlock and the Genesis of Waterfront Toronto.”](#)  
In *Reshaping Toronto’s Waterfront*, eds. Gene Desfor and Jennefer Laidley, pp. 263-286. Toronto: University of Toronto Press.

### Reports

- Eidelman, Gabriel. 2013. [Three’s Company: A Review of Waterfront Toronto’s Tri-government Approach to Revitalization.](#) Toronto: Mowat Centre for Policy Innovation, University of Toronto.

### Non-Refereed

- Stefanovic, Ingrid, and Gabriel Eidelman. 2010. [Environmental Sustainability and the City of Toronto.](#) Discussion Paper #8, Toronto Election 2010 Series. Toronto: Cities Centre, University of Toronto.

- Stren, Richard, Eleanor Rae, Frank Cunningham, Lionel Feldman, Gabriel Eidelman, Aaron Moore, Andrew Sancton, Andre Sorensen, and Mariana Valverde. 2010. *The Governance of Toronto: Challenges of Size and Complexity*. Toronto: Cities Centre, University of Toronto.
- Eidelman, Gabriel. 2007. Review of *Brewing Justice: Fair Trade Coffee, Sustainability, and Survival*, by Daniel Jaffee. *Natural Resources Forum* 31(4): 323-324.
- Eidelman, Gabriel. 2006. Review of *The Ethics of Waste: How We Relate to Rubbish*, by Gay Hawkins, *Environmental Philosophy* 3(2): 67-68.
- Brown, David, Gabriel Eidelman, and Milena Isakovic. 2004. *Gateways and Clusters: The Government of Canada's Experience with Client-centred Single-window Electronic Service Delivery: Report on Year 1*. Ottawa: Public Policy Forum / Research Consortium on Information in the Public Sector.

## IN PROGRESS

### Book Manuscript (under contract)

*Landlocked: Politics, Property, and the Toronto Waterfront*, University of Toronto Press.

### Journal Articles (under review)

“Failure When Fragmented: Public Land Ownership and Urban Waterfront Redevelopment in Chicago, Vancouver, and Toronto,” *Urban Affairs Review* (revised and resubmitted).

### Book Chapters and Working Papers (in preparation)

- “Toronto: Managing a Growing Region for Sustainability” (with Richard Stren and Martin Horak), in *Governing the Metropolis to Achieve Sustainable Urban Development*, eds. David Gomez Alvarez and Eduardo López Moreno (Inter-American Development Bank and UN-Habitat).
- “Ideas, Institutions, and Urban Redevelopment: A Century of Waterfront Planning and Politics in Chicago and Toronto,” in *The Role of Ideas in Urban Political Development*, eds. Richardson Dilworth and Timothy Weaver.
- “The Politics of Infrastructure Policy in Canada and the United States” (with Martin Horak), in *2015 State of the Federation: Canadian Federalism and Infrastructure* (McGill-Queen’s University Press).
- “Global Cities, Local Disruption: Taxis, Uber, and Ridesharing Regulation in Ten North American Cities” (with Zac Spicer), for submission to *Review of Policy Research*.
- “Better Government Through Research?: The Legacy of the Bureau of Municipal Research,” for submission to *Urban History Review*.
- “What is Good Local Governance?” (with Zack Taylor) for submission to *Local Government*.

## RESEARCH AWARDS AND FELLOWSHIPS

- |      |   |
|------|---|
| 2013 | Vincent Lemieux Prize, Canadian Political Science Association (\$1,000)   |
| 2012 | SSHRC Postdoctoral Fellowship (\$43,000)  |
| 2011 | Norton Long Young Scholar Award, Urban Politics Section, American Political Science Assoc.  |
| 2011 | Clarence N. Stone Scholar Award, Urban Politics Section, American Political Science Assoc.  |
| 2011 | University of Toronto Political Science Graduate Fellowship (\$15,000)  |
| 2010 | Blanche and Sandy Van Ginkel Graduate Fellowship (\$5,000), Institute on Municipal Finance and Governance, Munk School of Global Affairs, University of Toronto |
| 2009 | Finalist, Annual Meeting Best Paper Award, Urban Affairs Association  |
| 2008 | SSHRC Joseph-Armand Bombardier CGS Doctoral Scholarship (\$105,000)   |
| 2008 | Ontario Graduate Scholarship (\$15,000, declined)   |
| 2007 | Ontario Graduate Scholarship (Stefan Dupré OGS Award, \$15,000)   |
| 2007 | Arthur and Sonia Labatt Fellowship, Centre for Environment, University of Toronto (\$5,000)   |

- 2006 SSHRC CGS Master's Scholarship (\$17,500)
- 2006 Royal Bank Graduate Fellowship in Public and Economic Policy, University of Toronto (\$5,000)
- 2005 Faculty of Arts Award for Highest Standing in Honours Program, Dept. of Communication, University of Ottawa
- 2001-05 Aiming for the Top Scholarship, Government of Ontario (\$3,095 per year)
- 2001-05 Dean's Honour List and Admission Scholarship, University of Ottawa (\$2,500 per year)

## **TEACHING EXPERIENCE**

### **Undergraduate**

- Making Public Policy Work, Trinity College, University of Toronto (2015-16)
- Urban Politics and Governance in Canada, Dept. of Political Science, University of Toronto (2011, 2014)
- Urban Politics, Dept. of Political Science, University of Toronto Mississauga (2013-14)

### **Graduate**

- Urban Policy, School of Public Policy and Governance, University of Toronto (2013, 2015, 2016)
- Governance and Institutions, School of Public Policy and Governance, University of Toronto (2014, 2015)
- The Policy Process, School of Public Policy and Governance, University of Toronto (2014, 2015, 2016)
- Policy Process in Local Government, Local Government Program, Western University (2014)

### **Research Supervision (undergraduate)**

- Community Research Partnerships in Ethics program, Trinity College, University of Toronto (2014-15, 2015-16)

### **Executive Education**

- Public Policy and Governance Leadership Training Program, School of Public Policy and Governance, University of Toronto (2015)

### **Awards**

- USC Teaching Honour Roll Award of Excellence, Western University (2014-15)

### **Teaching Assistantships**

- Public Policy in Canada, University of Toronto Scarborough (2008, 2010, 2012)
- Critical Issues of Canadian Democracy, University of Toronto Scarborough (2008)
- Public Policy Making, University of Toronto Scarborough (2007)

### **Guest Lectures**

- Public Policy in Canada, University of Toronto Scarborough (2011, 2012, 2015)
- Policy Process in Local Government, Western University (2013)
- Local Government, Western University (2013)
- Issues in Urban Governance: City Politics and Policy in a Global Era, Western University (2013)
- Multidisciplinary Introduction to Urban Studies, Innis College, University of Toronto (2013)
- Canadian Political Institutions, University of Toronto Scarborough (2012)
- Governance and Institutions, School of Public Policy and Governance, University of Toronto (2009)
- Canadian Politics: Connecting Citizens and Governments, University of Toronto Scarborough (2009)



## PRESENTATIONS

### Conference Papers

- 2016 “Better Government Through Research?: The Legacy of the Bureau of Municipal Research,” Canadian Political Science Association, Calgary, AB
- 2015 “Transportation Infrastructure: The U.S. Experience,” 2015 State of the Federation Conference on Canadian Federalism and Infrastructure, Queen’s University, Kingston, ON
- 2014 “Connecting Public Land Ownership and Urban Development: Waterfront Politics in Chicago, Vancouver, and Toronto,” American Political Science Association, Washington, DC
- 2014 “Rethinking Public Land Ownership and Urban Development in Canada,” Canadian Political Science Association, St. Catharines, ON
- 2011 “When Public Interests Obstruct the Public’s Interest: Waterfront Politics in Toronto and the Limits of Urban Development Theory,” American Political Science Association, Seattle, WA
- 2011 “Two Plus Two Equals Five: Why Toronto’s Waterfront Defies the Federal-Provincial-Municipal Equation (and What it Means for the Study of Multilevel Governance),” Canadian Political Science Association, Waterloo, ON
- 2010 “A Critique of Andrew Sancton’s *The Limits of Boundaries*,” Canadian Political Science Association, Montreal, QC
- 2009 “Ontario Goes Green(belt): The Politics of Urban Sprawl and the Places to Grow Plan,” Conference on Canada’s Political Environment and the Politics of The Canadian Environment, John F. Kennedy Institute for North American Studies, Freie Universität Berlin, Berlin, Germany
- 2009 “Canadian Political Science and the City: Then and Now” (with Zack Taylor), anchor paper for roundtable session “Studying Canadian Cities: A Sub-field in Motion,” American Political Science Association, Toronto, ON
- 2009 “Canadian Political Science and the City: Then and Now” (with Zack Taylor), Canadian Political Science Association, Ottawa, ON
- 2009 “Good Policy, Good Politics? Urban Sprawl and the Ontario ‘Places to Grow’ Plan,” Environmental Studies Association of Canada, Ottawa, ON
- 2009 “Canadian Urban Politics: A “Black Hole” Orbiting a “Black Hole”?” (with Zack Taylor), Urban Affairs Association, Chicago, IL \* Short-listed for “Annual Meeting Best Paper Award.”

### Invited Lectures and Workshops (Selected)

- 2015 “Rethinking Public Land Ownership in Cities,” Dept. of Human Geography, University of Toronto Scarborough
- 2014 “Cities in the Federation,” Dept. of Political Science, Brock University
- 2014 “What’s the Story, Mr. Tory? A Post-mortem Analysis of Toronto’s 2014 Municipal Election,” Post-Mortem Panel on 2014 Municipal Elections in Ontario, Laurier Institute for the Study of Public Opinion and Policy
- 2014 “Toronto’s Three Cities,” Policy Leadership Lab, School of Public Policy and Governance, University of Toronto
- 2013 “When Public Assets Become Public Liabilities: The Curious Case of Toronto’s Waterfront,” Local Governance Seminar Series, Dept. of Political Science, Western University
- 2012 “Toronto’s Waterfront and the Limits of Urban Development Theory,” Dept. of Political Science, University of Toronto
- 2012 “Waterfront Politics in Toronto: A History of Multilevel Non-Governance,” Dept. of Political Science, University of Toronto
- 2012 “Arrested Development: The Politics of the Toronto Waterfront, 1960-2000,” Centre for Environment Research Day, University of Toronto

- 2011 “Landlocked: Exploring Institutional Inertia on Toronto’s Waterfront, 1960-2000,” Graduate Fellowship Seminar Series, Institute on Municipal Finance and Governance, University of Toronto
- 2010 “How Rob Ford Became Mayor... and What It All Means” (with Richard Stren and Lionel Feldman), Senior College, University of Toronto

## ACADEMIC SERVICE

- Ongoing Member: Canadian Political Science Association, American Political Science Association  
 Manuscript Reviewer: *Canadian Journal of Political Science*
- 2011-14 Graduate Associate, Cities Centre, University of Toronto
- 2008-12 Founding Member, Urban Politics Study Group, Dept. of Political Science, University of Toronto

## COMMUNITY OUTREACH

### Published Commentaries

- “Infrastructure Promises are Merely Campaign Spectacle” (with Martin Horak), *Toronto Star*, Oct. 15, 2015.
- “Olympic Dreams: A City That Might Have Been,” *Toronto Star*, Jul. 13, 2008.
- “Turn GST into ‘Green Sales Tax,’” *Toronto Star*, Nov. 7, 2007.

### Media Appearances and Interviews

*New York Times*, *The Canadian Press*, *The Globe and Mail*, *Toronto Star*, *Maclean’s*, *Spacing Magazine*, *Now Magazine*, *U of T Magazine*, *The Toronto Observer*, Global News, CBC Newsworld, TVO The Agenda (online), CIUT 89.5FM

## REFERENCES

### Richard Stren

Professor Emeritus, Political Science  
 Senior Fellow, Global Cities Institute  
 University of Toronto  
 170 Bloor Street West, Suite 1100  
 Toronto, Ontario M5S 1T9  
 (416) 966-2368 ext. 228  
 restren@gmail.com

### David Cameron

Dean, Faculty of Arts and Science  
 Professor, Political Science  
 University of Toronto  
 100 St. George Street, Rm 2005  
 Toronto, Ontario M5S 3G3  
 (416) 978-1085  
 david.cameron@utoronto.ca

### Phil Triadafilopoulos

Associate Professor, Political Science  
 University of Toronto Scarborough and  
 School of Public Policy and Governance  
 1265 Military Trail, Rm MW236  
 Scarborough, Ontario M1C 1A4  
 (416) 208-4813 | (416) 978-7035  
 t.triadafilopoulos@utoronto.ca

### Martin Horak

Associate Professor, Political Science  
 Director, Local Government Program  
 Western University  
 Social Science Centre, Rm 4142  
 London, Ontario N6A 5C2  
 (519) 661-2111 ext. 85002  
 mhorak@uwo.ca

Florida, Richard

# RICHARD FLORIDA

**E-mail:** [florida@rotman.utoronto.ca](mailto:florida@rotman.utoronto.ca); [florida@creativeclass.com](mailto:florida@creativeclass.com)

**Website:** [www.creativeclass.com](http://www.creativeclass.com); <http://www.martinprosperity.org>

**Twitter:** @Richard\_Florida

**Total Citations:** 59,563

**H-Index:** 77

**10-Index:** 184

## Tenured or Tenure Track Academic Positions

- 2016 – University Professor, University of Toronto.
- 2007- Director of Cities Martin Prosperity Institute, Rotman School of Management.
- 2007- Professor of Business and Creativity, Rotman School of Management, University of Toronto.
- 2007 - Professor of Geography and Planning, University of Toronto.
- 2004-2007 Hirst Professor of Public Policy, George Mason University
- 2001-2005 Director, Software Industry Center, Carnegie Mellon University
- 1996-2004 Heinz Professor of Regional Economic Development, Heinz School of Public Policy and Management, Carnegie Mellon University
- 1993-1998 Director, Center for Economic Development, Heinz School of Public Policy and Management, Carnegie Mellon University
- 1994-1998 Professor of Management and Public Policy, Heinz School of Public Policy and Management, Carnegie Mellon University
- 1990-1994 Associate Professor of Management and Public Policy, Heinz School of Public Policy and Management, Carnegie Mellon University
- 1987-1990 Assistant Professor of Management and Public Policy, Heinz School of Public Policy and Management, Carnegie Mellon University
- 1985-1987 Assistant Professor, Director of the Undergraduate Program, Department of City and Regional Planning, Ohio State University

1984-1985      Instructor, Department of City and Regional Planning, Ohio State University

## **Non-Tenured Positions**

2012 -            Distinguished Fellow, New York University, Schack Institute of Real Estate.

2014-            Visiting Fellow, Florida International University.

2012-            Co-founder and Editor-at-Large, *The Atlantic's CityLab*

2011-            Senior Editor, *The Atlantic*

2012 -2013      Senior Fellow, Urban Land Institute

2005-2007      Senior Scientist, Gallup Organization

2004-2007      Non-Resident Senior Fellow, Brookings Institution

1995-1996      Visiting Professor, Kennedy School of Government, Harvard University

1996-1995      Visiting Scholar, International Motor Vehicle Program, Massachusetts Institute of Technology

1993-1996      Adjunct Scholar, American Enterprise Institute

1983-1993      Lecturer, Department of Environmental Design and Planning, State University of New York at Buffalo

1980-1983      Research Associate, Center for Urban Policy Research, Rutgers University

## **Education**

1986            Doctor of Philosophy in Urban Planning, Columbia University; University President's Fellowship, 1983; Fellow of the Graduate School, 1981-82

1984            Master of Philosophy in Urban Planning, Columbia University

1979-1980      Doctor of Philosophy Program, Department of Political Science and Department of Urban Planning

1979            Bachelor of Arts in Political Science, Rutgers College  
Highest Honors; Henry Rutgers Scholar

## Honors and Awards

- Board Member, Art Basel Cities
- Named world's most influential thought leader by MIT analysis, 2014
- Thinkers 50, 2014 (listing of the world's most influential management thinkers)
- Newark Arts Council Medal of the Arts, 2012
- TIME Magazine 140 Best Twitter Feeds, 2011
- Invited to receive Honorary degree from University of Ghent in Belgium, November 2011
- Honors as Senior Fellow, The Design Future Council, July 2011
- Honorary degree from Niagara University, May 2011
- Royal Geographic Society, Invited Lecturer in London, England, September 2010
- *Business Week*, Voices of Innovation, 2010
- European Ambassador for Creativity and Innovation, 2009
- University of Toronto Commencement Speech, 2009
- *Business Week*, Voices of Innovation, 2006
- Sid Parnes Pioneer Creativity Award, 2005
- *Esquire Magazine*, Best and Brightest, 2005
- Harvard Business Review, Breakthrough Idea of the Year, 2004
- Honorary degree from Columbus College of Art and Design, 2004
- *Washington Monthly*, Book of the year, 2002

## Research Grants

2016-17	Brookings-MPI Advanced Manufacturing Project
2016-17	Urban Genome Project, Connaught Award.
2008-2009	Ontario in the Creative Economy, \$2.2 million
2007-	Martin Prosperity Institute, \$10 million founding gift
2001-2005	Software Industry Center, Alfred P. Sloan Foundation, \$1.8 million
1998-1999	Amenities and Economic Development, R.K. Mellon Foundation
1998-1999	FDI, Industrial Clusters and Regional Development in Mexico, Carnegie Bosch Institute
1998-1999	Economic Development and the New Economy: Internet Resources, Heinz Endowments
1997-2000	The Globalization Network, Alfred P. Sloan Foundation

1997-1998	Universities and Science-Based Industrial Development in the U.S. and Japan, Center for Global Partnership
1995-1998	Effects of Globalization and Restructuring on Automotive Employment, Alfred P. Sloan Foundation
1996-1998	Technological and Organizational Determinants in the Adoption of Innovative Work Systems, National Science Foundation
1995-1996	Environmentally-Conscious Manufacturing, New Production Systems and Regional Industrial Networks, National Science Foundation
1995-1996	REU Supplement to Environmentally-Conscious Manufacturing, New Production Systems and Regional Industrial Networks, National Science Foundation
1994-1995	An Analysis of the Activity and Performance of University-Industry Research Centers in the United States, National Science Foundation
1994-1995	Management of International R&D, Carnegie Bosch Institute
1993-1994	Industrial Networks and Environmental Prevention, Great Lakes Protection Fund
1993-1994	Regional Revitalization Initiative, Mellon Foundation, Alcoa Foundation
1992-1993	Globalization of Japanese R&D, Japan Science and Technology Management Program
1992-1994	Japanese Transplants and Industrial Competitiveness, Alfred P. Sloan Foundation
1992-1993	Innovative Strategies for Industrial Revitalization, Joyce Foundation
1991-1992	Venture Capital and Industrial Competitiveness, U.S. Economic Development Administration
1991-1992	Strategies to Rebuild Rustbelt Industry, Joyce Foundation
1989-1991	University-Industry-Government Research Centers and Technology Development, Ford Foundation
1989-1991	The Geography of Japanese R&D and High-Technology Industry, National Science Foundation
1988-1989	Japanese Automobile Manufacturing Complexes in the United States, U.S. Department of Agriculture

1987-1989	Venture Capital and Economic Development, U.S. Department of Commerce, Economic Development Administration
1987-1988	Japanese Automobile Manufacturing in the Midwest: Labor Relations, Supplier Linkages and Economic Development, Ohio Board of Regents
1987	Technological Change and Regional Restructuring, Ohio State University
1986-1987	State Initiatives in Venture Capital and High-Technology Economic Development, Ohio Board of Regents
1986	Venture Capital in the United States, Ohio State University
1985-1986	Venture Capital: Implications for Industrial Restructuring and High-Technology Development, Ohio State University Committee on Urban Affairs
1985-1986	The Political Economy of Financial Deregulation, Ohio State University

## Publications

### **Books**

Richard Florida, *The New Urban Crisis*, Basic Books, April 2017.

Charlotta Mellander, Richard Florida, Bjorn Asheim and Meric Gerler (eds), *The Creative Class Goes Global*, Routledge, 2014.

Richard Florida, *The Rise of the Creative Class, Revisited* - Updated and revised tenth anniversary edition, Basic Books, 2012.

Richard Florida, *The Great Reset: How New Ways of Living and Working Drive Post-Crash Prosperity*. Harper Collins US; Random House Canada, 2010.

Richard Florida, *Who's Your City: How the Creative Economy is Making Where to Live the Most Important Decision of Your Life*. Basic Books; Random House Canada, 2009 (Canadian Version).

Richard Florida, *Who's Your City: How the Creative Economy is Making Where to Live the Most Important Decision of Your Life*. Basic Books; Random House Canada, 2008.

Richard Florida, *The Flight of the Creative Class: The Global Competition for Talent*, Collins, 2005.



Richard Florida, *Cities and the Creative Class*, Routledge, 2004.

Richard Florida, *The Rise of the Creative Class*, Basic Books, 2002.

Lewis Branscomb, Fumio Kodama, and Richard Florida (editors), *Industrializing Knowledge: University-Industry Links in Japan and the United States*, Cambridge: MIT Press, 1999. Translated into Japanese; to be translated into Chinese.

Martin Kenney and Richard Florida, *Beyond Mass Production: The Japanese System and Its Transfer to the United States*, New York: Oxford University Press, 1993.

Richard Florida and Martin Kenney, *The Breakthrough Illusion: Corporate America's Failure to Move from Innovation to Mass Production*, New York: Basic Books, 1990.

Richard Florida (editor), *Housing and the New Financial Markets*, New Brunswick, NJ: Center for Urban Policy Research, 1986.

Robert Burchell, James Carr, Richard Florida, and James Nemeth, *The New Reality of Municipal Finance: The Rise and Fall of the Intergovernmental City*, New Brunswick, NJ: Center for Urban Policy Research, 1984. With Robert Burchell, et al., *Mount Laurel II: Challenge and Delivery of Low Cost Housing*, New Brunswick, NJ: Center for Urban Policy Research, 1984.

## ***Refereed Academic Journal Articles***

Jason Rentfrow, Charlotta Mellander and Richard Florida, "The Geography of Music Preferences," *Journal of Cultural Economics*, 2018, forthcoming.

Richard Florida and Karen King, "Urban Startup Districts: Mapping Venture Capital and Startup Activity across Zip Codes," *Economic Development Quarterly*, 2017, forthcoming.

Richard Florida and Patrick Adler, "The Patchwork Metropolis: The Morphology of the Divided Post-Industrial City." *Journal of Urban Affairs*, November 2017, pp. 1-16

Richard Florida, "The Diversity-Segregation Conundrum," *American Journal of Community Psychology*, 59, 3-4, June 2017, pp. 272-275

Richard Florida, Charlotta Mellander and Patrick Adler, "The City as Innovation Machine," *Regional Studies*, 51, 1, 2017, pp. 86-96.

Richard Florida and Charlotta Mellander, "Rise of the Startup City: The Changing Geography of the Venture Capital Financed Innovation," *California Management Review*, 59, 1 November 2016, pp. 14-38.

Richard Florida, Charlotta Mellander and Kevin Stolarick, "Human Capital in Cities and Suburbs," *Annals of Regional Science*, 57, 1, April 2016, pp. 91-123.

Roger Martin, Richard Florida, Melissa Pogue and Charlotta Mellander, "Creativity, Clusters and the Competitive Advantage of Cities," *Competitiveness Review*, 25, 1, 2015: pp. 482- 496 (Special issue celebrating the 25th anniversary of Michael Porter's, *The Competitive Advantage of Nations*)

Richard Florida, Charlotta Mellander, and Thomas Holgersson, "Up in the Air: The Role of Airports for Regional Economic Development," *Annals of Regional Science*, 54, 1, January 2015, pp. 197-214.

Richard Florida, "The Creative Class and Economic Development," *Economic Development Quarterly*, 28, 3, August 2014, pp. 196-205.

Richard Florida and Charlotta Mellander, "The Geography of Inequality: Differences and Determinants of Wage and Income Inequality across U.S. Metros," *Regional Studies*, April 2014, pp. 1-14.

Todd Gabe and Richard Florida, "Effects of the Housing Boom and Bust on U.S. Metro Employment," *Growth and Change*, 44, 3, September 2013, pp. 391-414.

Todd Gabe, Richard Florida, and Charlotta Mellander, "The Creative Class and the Crisis", *Cambridge Journal of Regions, Economy and Society*, 6, 2013, pp. 37-53.

Richard Florida, Charlotta Mellander and Tim Gulden, "Global Metropolis: Assessing Economic Activity in Urban Centers Based on Nighttime Satellite Images" *The Professional Geographer*, April 2012, pp. 178-187.

Richard Florida, Charlotta Mellander and Haifeng Qian, "China's Development Disconnect," *Environment and Planning A*, 44, April 2012, pp. 628-648.

Charlotta Mellander, Richard Florida, and Jason Rentfrow, "The Creative Class, Post-Industrialism and the Happiness of Nations," *Cambridge Journal of Regions, Economy and Society*, March 2012, pp. 31-43.

Richard Florida, Charlotta Mellander, Kevin Stolarick, Adrienne Ross, "Cities, Skills, and Wages," *Journal of Economic Geography*, 1, July 2011, pp. 1-23.

Richard Florida, Charlotta Mellander, Jason Rentfrow, "The Happiness of Cities," *Regional Studies*, April 2011, pp. 1-15.

Richard Florida, Charlotta Mellander, and Kevin Stolarick, "Geographies of Scope: An Empirical Analysis of Entertainment, 1970-2000," *Journal of Economic Geography*, 2011, pp. 1-22.

Richard Florida, Charlotta Mellander, and Kevin Stolarick, "Here to Stay - The Effects of Community Satisfaction on the Decision to Stay," *Spatial Economic Analysis*, 6, 1, 2011, pp. 5-24.

Charlotta Mellander, Richard Florida, and Jason Rentfrow, "The Creative Class, Post-Industrialism and the Happiness of Nations," *Cambridge Journal of Regions, Economy and Society*, 2011, pp. 1-13.

Richard Florida, Charlotta Mellander, and Kevin Stolarick, "Beautiful Places, the Role of Perceived Aesthetic Beauty in Community Satisfaction," *Regional Studies*, 45, 1, 2011, pp. 33-48.

Chalotta Mellander and Richard Florida, "Creativity, Talent and Regional Wages in Sweden," *Annals of Regional Science*, 46, 2011, pp. 637-60.

Richard Florida and Kevin Stolarick, "Montréal's Capacity for Creative Connectivity: Outlook & Opportunities," *Environment and Planning A*, 2010.

Richard Florida, Charlotta Mellander, and Kevin Stolarick, "Talent, Technology and Tolerance in Canadian Regional Development," *The Canadian Geographer* 54, 3, Fall 2010, pp. 277-304.

Richard Florida, Charlotta Mellander, and Kevin Stolarick, "Music Scenes to Music Clusters: The Economic Geography of Music in the US, 1970 – 2000," *Environment and Planning* 42.4, 2010, pp. 785-804.

Richard Florida and Charlotta Mellander, "There Goes the Metro: How and Why Artists, Bohemians and Gays Effect Housing Values," *Journal of Economic Geography* 10, 2, 2010, pp. 167-188.

Sam Lee, Richard Florida and Gary Gates, "Innovation, Human Capital and Creativity," *International Review of Public Administration*, 14, 3, 2010, pp. 13-24.

Richard Florida and Scott Jackson, "Sonic City: The Evolving Economic Geography of the Music Industry," *Journal of Planning Education and Research* 29.3, 2010, pp. 310-321.

Richard Florida and Charlotta Mellander, "Human Capital, the Creative Class, and Tolerance: Effects on Regional Wages and Income," Special issue of *The Annals of Regional Science* 10, 1007, 2009, pp. 1-24.

Jason Rentfrow, Charlotta Mellander, and Richard Florida, "Happy States of America: A State-level Analysis of Psychological, Economic, and Social Well-being," *Journal of Research in Personality* 43, 6, 2009, pp. 1073-1082.

Brian Knudsen, Richard Florida, Denise Rosseau and Kevin Stolarick, "Density and Creativity in U.S. Regions," *Annals of the American Association of Geographers* 98, 2, 2008, pp. 461-478.

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## ***CityLab and Atlantic Posts***

Posts can be found at:

<http://www.theatlantic.com/richard-florida/> and <http://www.citylab.com/authors/richard-florida/>

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- “Toronto to become a high-tech district,” CTV, May 20, 2017.
- “Cities in Crisis,” TVO, May 15, 2017.
- “There Could Be a New Urban Crisis Plaguing Cities across Canada,” CTV, May 10, 2017.
- “Richard Florida talks with Matt Galloway,” CBC Radio One, May 8, 2017.
- “Richard Florida on Conversations with John Moore,” Iheartradio, May 7, 2017.
- “The New Urban Crisis.” Monocle – The Urbanist. May 6, 2017.
- “Keeping Cities Affordable for All,” Global Toronto, The Morning Show. May 1, 2017.
- “He Predicted the Revitalization of Urban Centers like Downtown LA, but Richard Florida Now Sees the Ills,” 89.3 KPCC, AirTalk, April 26, 2017.
- “Richard Florida imagines a New Urban Future,” Keystone Crossroads, April 18, 2017.
- “Richard Florida interview” K@W Business Radio, Knowledge@Wharton, April 17, 2017.
- “Author Richard Florida on “The New Urban Crisis,” NPR Morning Edition, April 11, 2017.
- “World Mayors Gather in Miami,” WIOD News Radio, October 26, 2016.
- “Gentrification,” BBC Radio 4, October 10, 2016.
- “Small Talk: Creative Class Key to Cities’ Future?” WITF, October 8, 2016.
- “South Florida Economy at Crossroads,” WLRN, June 20, 2016.
- “The Battle against Brain Drain in South Florida,” WLRN. May 5, 2016.
- “Richard Florida with Doug Henwood’s on Class and Urban Space.” 94.1 KPFA, “Behind the News”. April 15, 2016.
- “Interview with Miami Beach Mayor Philip Levine,” Sirius XM, The Mayor. April 5, 2016.
- “Is “Brain Drain” a Myth? Study Suggests Metro Detroit Leads Nation in College Grad Retention.” National Public Radio. April 4, 2016.
- “Building a Modern Economy After GE: “It’s Not About Machines or Head Count”.” WNPR. February 26, 2016.
- “Suburbs to City, Manufacturing to Innovation: The Evolution of GE.” Radio Boston. January 20, 2016.
- “The Urban Vote.” The National. October 20, 2015.
- “Do more guns laws mean fewer gun deaths?” BBC World Series. October 5, 2015.
- “The Rise of the Creative Economy.” The Brain Lehrer Show. August 5, 2015.
- “Are Americans self-segregating based on economic pressures?” MSNBC, The Cycle. March 6, 2015.
- “Economic Segregation. Why it’s growing in large, U.S. Metro Areas.” Aljazeera America, Real Money with Ali Velshi. February 27, 2015.
- “Best Place to Achieve the ‘American Dream’,” MSNBC, The Cycle, January 22, 2015.
- “Who Lives Better? Red or Blue States?” Aljazeera America, Real Money with Ali Velshi, January 7, 2015.
- Real Money with Ali Velshi and The Stream, November 12, 2014.
- “Big Cities, Small Mayors,” The National, CBC, October 28, 2014.

- “Vancouver Needs More Density Says Urban Theorist Richard Florida,” CBC News, October 23, 2014.
- “Study: Working-Class Neighborhoods Vanishing from Major US Cities,” MSNBC, October 6, 2014.
- “The Geography of Debt,” Aljazeera America, Real Money with Ali Velshi, July 30, 2014.
- “America’s Income Segregation: Richard Florida on When the One Percent Sticks Together,” MPR News, The Daily Circuit, July 23, 2014.
- “New York City’s Moves to Boost the Middle Class,” Aljazeera America, Real Money with Ali Velshi, July 17, 2014.
- “De Blasio at Six Months: Where New York’s New Jobs Will Come From,” The Brian Lehrer Show, July 17, 2014.
- “Minimum Wage Reform Spreads Throughout US,” MSNBC, June 19, 2014.
- “A New Economic Landscape,” Aljazeera America, Real Money with Ali Velshi, May 29, 2014.
- “A Frictionless Border,” Aljazeera America, Real Money with Ali Velshi, May 16, 2014.
- “Why Wasn’t New York City Silicon Valley to Begin With?” The Brian Lehrer Show, May 16, 2014.
- “America’s Urban Shift,” Aljazeera America, Real Money with Ali Velshi, April 8, 2014.
- “Which is the Smartest City in America?” NBC, Today Show, January 24, 2014.
- “The Cycle: The Need to Focus on America’s Cities,” MSNBC, February 11, 2013.
- “U.S. Infrastructure Misses the Mark,” CNN Your Money December 21, 2012.
- “Building the Creative Economy: An Interview with Richard Florida,” McKCities, December 18, 2013.
- “Real Estate in America,” Aljazeera America, Real Money with Ali Velshi, December 15, 2013.
- “The Case for a ‘Local’ Minimum Wage,” MSNBC, December 15, 2013.
- “What Makes Some Towns Boom in the New Economy,” MSNBC, The Cycle, October 8, 2013.
- “Q and A with Richard Florida: What’s Next for Toronto?” *Global News*, November 29, 2012.
- “Aurora, Colorado, Tries To Capitalize On Its Ethnic Riches,” NPR, October 1, 2012.
- “Investing in Infrastructure,” CNN Your Money, September 28, 2012.
- “Innovation and the Economy,” The Wall Street Journal Report, August 31, 2012.
- “The Rise of the Creative Service Worker,” The Big Think, August 10, 2012.
- “Who Gets To Have Fun at Work?” American Public Media, August 9, 2012.
- “Want to Build a Creative City? Build Up, Not Out,” NPR, July 31, 2012.
- “Rotman’s Richard Florida on Class Structure and Where Our Workforce is Heading,” *The Globe and Mail*, July 24, 2012.
- “Q and A with Richard Florida: What’s Next for Toronto?” *Global News*, November 29, 2012.
- “Protecting the Middle Class,” CNN The Bottom Line, July 16, 2012.
- “Bringing Creativity Back to Cities,” Morning Joe, July 13, 2012.
- “The Rise of the Creative Class Revisited,” NPR On Point, July 12, 2012.
- “Bringing Creativity Back to Cities,” The Cycle, July 11, 2012.
- “Is \$2.50/gallon Gas Possible?” CNN Your Money, March 18, 2012.
- “Quality + Quantity: Creating High Paying Jobs,” The Dylan Ratigan Show, March 2, 2012.

### **Online Videos at Big Think**

- 
- “The Rise of the Creative Service Worker,” August 10, 2012.

- “Faster, More Urban, More Diverse,” April 27, 2010.
- “Big Think Interview with Richard Florida,” April 27, 2010.
- “A Crisis Is a Terrible Thing to Waste,” April 27, 2010.
- “The End of Home Ownership,” April 27, 2010.
- “Detroit: The Next American Ghost Town?” April 27, 2010.
- “Employment: A Basic Human Right,” April 27, 2010.
- “How Geography is Changing Politics,” April 27, 2010.
- “New York Will Be Okay,” April 27, 2010.
- “We’ve Reached the Tipping Point,” April 27, 2010.
- “Perks Beyond the Espresso Bar,” December 14, 2009.
- “Can Gay Rights Boost Economic Prosperity?” December 14, 2009.
- “Upgrading People Power,” December 14, 2009.
- “Reinventing the Way Workers Learn,” December 14, 2009.
- “We’ll Pay More for Our Burgers,” December 14, 2009.
- “Unleashing the Creative Economic Revolution,” December 14, 2009.
- “The Creative Class is Alive and Well,” December 14, 2009.

Fox, Mark S.

# Mark Stephen Fox

## Curriculum Vitae

30 January 2017

<b>Personal Information</b>	
<b>Name:</b>	Mark Stephen Fox
<b>Position:</b>	Distinguished Professor of Urban Systems Engineering Professor of Industrial Engineering and Computer Science
<b>Business Address:</b>	Department of Mechanical and Industrial Engineering University of Toronto 5 King's College Road Toronto, Ontario M5S 3G8 Tel: 416-978-6823 Email: msf@eil.utoronto.ca
<b>Home Address:</b>	21A Howland Ave. Toronto, ON M5R 3B2 Tel: 416-969-8590
<b>Citizenship:</b>	Canadian
<b>Birth date:</b>	9 May 1952
<b>Marital Status:</b>	Separated, 2 Children
<b>Education:</b>	B.Sc., University of Toronto, Computer Science, 1975. Ph.D., Carnegie Mellon University, Computer Science, 1983.

### Positions

- Distinguished Professor of Urban Systems Engineering, University of Toronto, 2015-.
- Director, Centre for Social Services Engineering, University of Toronto, 2014-.
- Academic Advisor (part-time), iCity Lab, Singapore Management University, 2014-2016.
- Adjunct Professor, School of Information Systems, Singapore Management University, 2014-2016.
- Senior Fellow, Global Cities Institute, University of Toronto, 2013-2015.
- Member, Advisory Committee, University of Toronto Transportation Research Institute, 2014-.
- Managing Director, Novator Customer Care Ltd., 2011-.
- CTO, Dashboard Communications, Toronto ON, 2003-2012.
- Managing Director, ChocolatePlanet.com, Toronto ON. 2003-2012.
- President/CEO, Novator Systems Ltd., Toronto ON. 1992-2011.
- Program Director, Graduate Collaborative Program in Integrated Manufacturing, Faculty Applied Science and Engineering, University of Toronto, 1993-2000.
- NSERC Industrial Research Chair in Enterprise Integration, Department of Industrial Engineering, University of Toronto, Aug 91 - Jul 01.
- Cross Appointed, Department of Computer Science, 1991-.
- Tenured Professor of Industrial Engineering, University of Toronto, Aug 91 -.
- Director, Center for Integrated Manufacturing Decision Systems, Carnegie Mellon University, 1988-91.
- Tenured Associate Professor of Computer Science and Robotics, Carnegie Mellon University, Pittsburgh, Pennsylvania 15213, Sept. 1991.



- ❑ Associate Professor of Computer Science and Robotics, Carnegie Mellon University, Pittsburgh, Pennsylvania 15213, Sept. 1987-1991.
- ❑ President/CEO, Carnegie Group Inc, Pittsburgh, PA, Feb. 1987 - Aug. 1987.
- ❑ Vice President of Software Engineering, Carnegie Group Inc, Pittsburgh PA, Jan. 1985 - Dec. 1985.
- ❑ Co-Founder and Director, Carnegie Group Inc., Pittsburgh, Pennsylvania 15219, 1984-1998.
- ❑ Sr. Research Scientist, Robotics Institute, Carnegie Mellon University, Pittsburgh, Pennsylvania 15213, 1985-87.
- ❑ Director, Intelligent Systems Laboratory, 1980-87, The Robotics Institute, Carnegie Mellon University, Pittsburgh, Pennsylvania, 15213.

## Research Interests

- ❑ **Theory:** Knowledge Representation (i.e., Ontologies), Coordination Theory (e.g., Constraint-directed Scheduling).
- ❑ **Practice:** Smart Cities, Enterprise Engineering (e.g., Business Process Re-engineering), Enterprise Integration (e.g., Concurrent Engineering, Supply Chain Management).

## Awards/Recognition

- ❑ Distinguished Professor of Urban Systems Engineering, University of Toronto, 2015.
- ❑ CP Medal, Engineering Institute of Canada, 2011.
- ❑ Fellow, Engineering Institute of Canada, 2009.
- ❑ Joint Fellow, Canadian Institute for Advance Research/PREARN, 1992.
- ❑ Fellow, American Association for Artificial Intelligence, 1991.
- ❑ Public Service Award, GSA, 1990.
- ❑ Counselor, American Association for Artificial Intelligence, 1990-1993.
- ❑ Distinguished Speaker Award, American Society of Mechanical Engineers, 1988.
- ❑ IR100 Award (Industrial Research 100), 1985.

## Patents

- C.T. Kemper, S. Lowenfeld, and M.S. Fox. Rule based diagnostic system with dynamic alteration capability, February 10 1987. US Patent 4,642,782.

## Grants

- ❑ Co-Investigator, iCity: Urban Informatics for Sustainable Metropolitan Growth, Ontario Research Fund, Approximately \$2,900,000, 2015-2019.
- ❑ Principal Investigator, Centre for Social Services Engineering, Dean's Strategic Fund, FASE, University of Toronto, \$719,000, 2014-2017.
- ❑ Principal Investigator, NSERC Discovery Grant, An Ontological Approach to Modelling and Analysing System Performance, \$105,000, 2014-2019.
- ❑ Principal Investigator, Mitacs-Accelerate Grant, Towards a Theory of Idea Evaluation, \$90,000, 2014-2017.
- ❑ NSERC Engage Grant, Representing and Matching Corporate Expertise, with Michael Gruninger, \$25,000, 2013.
- ❑ SAP Grant, 2007-8.
- ❑ NSERC Discovery Grant, 2005-2010.
- ❑ Principal Investigator, "Knowledge Provenance", Bell University Laboratory, 2003-2004.
- ❑ Principal Investigator, "Agent-based Supply Chain Management for Global and Virtual Manufacturing", Baan Inc and Materials and Manufacturing Ontario, 1998-2001.

- ❑ Principal Investigator, “Agent-based Modeling and Infrastructures for Online Real-time Auction Automation Systems, Metex Systems and NSERC, 1998-2000.
- ❑ Principal Investigator, “Explainable and Trustable Multi-Agent Architectures”, MITEL and Center for Information and Telecommunications Research Ontario, 1997-1998.
- ❑ Principal Investigator, “Manufacturing Automation and Design Engineering”, Boeing Helicopter, 1996-1998.
- ❑ Principal Investigator, “Managing Uncertainty in Constraint-Directed Scheduling”, Manufacturing Ontario, 1998-1999.
- ❑ Principal Investigator, “Modelling of BHP Steel Manufacturing Plants: Enterprise Modelling Project”, BHP Australia, 1995-98.
- ❑ Principal Investigator, “A Framework for Coordination in Multi-Agent Systems”, Manufacturing Research Corporation of Ontario, 1995-1998.
- ❑ Principal Investigator, “Enterprise Design”, Information Technology Research Centre, 1994-1998.
- ❑ Principal Investigator, “Knowledge-Aided Design”, PRECARN and Spar Aerospace, 1993-1997.
- ❑ Principal Investigator, “Integrated Supply Chain Management”, Manufacturing Research Corporation of Ontario, 1993-1994.
- ❑ Principal Investigator, “Constraint Directed Reasoning”, Defense Advanced Research Projects Agency, 1991-1994.
- ❑ Co-Principal Investigator, “Design Fusion”, Defense Advanced Research Projects Agency, 1988-1990.
- ❑ Principal Investigator, “Manufacturing Architectures”, Digital Equipment Corporation, 1988-1989.
- ❑ Principal Investigator, “Constraint Directed Reasoning”, Defense Advanced Research Projects Agency, 1987-1990.
- ❑ Co-Principal Investigator, “Artificial Intelligence in Manufacturing Planning”, IBM Corporation, 1985-87.
- ❑ Principal Investigator, “Artificial Intelligence Applied to Aluminum Alloy Design”, Alcoa Corp., 1984-86.
- ❑ Principal Investigator, “The Role of Artificial Intelligence in the Modeling and Functional Support of Automated Wire Harness Design and Production”, McDonnell Douglas Astronautics Co., St. Louis MO, 1983.
- ❑ Principal Investigator, “Research in Knowledge-Based Graphics”, Digital Equipment Corporation, Maynard MA., 1983-85.
- ❑ Principal Investigator, “SRL: A Knowledge Representation Language”, Digital Equipment Corporation, Maynard MA., 1983-84.
- ❑ Principal Investigator, “Callisto: An Intelligent Project Management System”, Digital Equipment Corporation, Maynard MA., 1982-87.
- ❑ Principal Investigator, “Rome: An Intelligent Long Range Planning System”, Digital Equipment Corporation, Maynard MA., 1982-84.
- ❑ Principal Investigator, “INET™ : An Intelligent Distribution Analysis System/Knowledge Based Simulation”, Digital Equipment Corporation, Maynard MA., 1982-86.
- ❑ Co-Principal Investigator, “Constraint-Based Scheduling in an Intelligent Logistics Support System: An Artificial Intelligence Approach”, Air Force Office of Scientific Research, 1982-86. Contract Number F49620-82-K-0017.
- ❑ Principal Investigator, “Job-Shop Scheduling”, Westinghouse Electric Corporation, 1980-1984.

- ❑ Co-Principal Investigator, “Knowledge Acquisition and Learning in Speech Understanding Systems”, National Science Foundation, 1978-80.
- ❑ National Research Council of Canada Postgraduate Scholarship, 1975-79.

### **Membership in Professional Societies**

- ❑ Association of Computing Machinery (ACM).
- ❑ American Association for Artificial Intelligence (AAAI).
- ❑ Institute for Electrical and Electronic Engineers (IEEE).

### **Professional Activities: Committee Work**

- ❑ <I stopped recording committee work after 1996 – too numerous>
- ❑ Conference Chair, Concurrent Engineering 96, Toronto, Ont., Aug 25-28 1996.
- ❑ Member, Conference Advisory Board, International Conference on Artificial Intelligence in Design, June 1996, Stanford CA.
- ❑ Member, Program Committee, 1996 Conference of the Canadian Society for Computational Studies of Intelligence, Toronto.
- ❑ Program Committee Member, 3rd World Congress on Expert Systems, Feb. 96, Seoul Korea.
- ❑ Program Committee Member, 1995 IEEE International Conference on Systems, Man and Cybernetics, Oct 1995, Vancouver BC.
- ❑ Program Committee Member, Emerging Technologies and Factory Automation, Paris, Oct 95.
- ❑ Program Committee Member, International Conference on Intelligent Manufacturing 95, Wuhan China.
- ❑ Program Committee Member, INRIA/IEEE Symposium on Emerging Technologies and Factory Automation, Paris, Oct. 10-13, 1995. - Program Committee Member, IEEE Workshop on Enabling Technologies Infrastructure for Collaborative Enterprises, April 95, Morgantown WV.
- ❑ Program Committee Member, Workshop on Conflict Management in Design, AAAI, Aug 94.
- ❑ Program Committee Member, Avignon 94 Scientific Conference, Aug 94.
- ❑ Program Committee Member, Workshop on Enabling Technologies for Integrated Concurrent Engineering, Morgantown WVA, April 1994.
- ❑ Program Committee Member, Canadian Distributed Artificial Intelligence Workshop, Banff Alberta, May, 1994.
- ❑ Program Committee Member, IEEE Workshop on Enabling Technologies Infrastructure for Collaborative Enterprises, 20-22 April 93, Morgantown WV.
- ❑ Program Committee Member, AAAI Workshop on AI in Collaborative Design, July 93, Washington DC.
- ❑ Program Committee Member, Avignon 93, Artificial Intelligence and Expert Systems, Avignon France.
- ❑ Program Committee Member, IJCAI Workshop on Conflict Management, IJCAI93, Chambrey France.
- ❑ Program Committee Member, IJCAI Workshop on Production Planning, Scheduling and Control, IJCAI93, Chambrey, France.
- ❑ Conference Chair, IEEE Conference on Artificial Intelligence Applications, 1990.
- ❑ Workshop Chair, “Artificial Intelligence in Manufacturing”, AAAI Spring Symposium, 1989.
- ❑ Academic Chair, AAAI Special Interest Group in Manufacturing, 1988-1990.
- ❑ Chair, IEEE Conference on Artificial Intelligence Applications Steering Committee, 1988- 91.
- ❑ Tutorial Chair, IJCAI Conference, 1989.
- ❑ Co-Program Chair, IEEE Conference on Artificial Intelligence Applications, 1989.

- ❑ Tutorial Chair, AAAI Conference, 1988.
- ❑ Program Committee Member, IFIP Conference on “The Role of Artificial Intelligence in Databases and Information Systems”, Guangzhou, China, July 4-8, 1988.
- ❑ Program Committee Member, IEEE Conference on Artificial Intelligence Applications, 1988.
- ❑ Program Committee Member, International Conference on CAD/CAM/CIM and Robotics, ADESO, Bordeaux, France, March 1988.
- ❑ Program Committee Member, IEEE Conference on Artificial Intelligence Applications, 1986.
- ❑ Program Committee Member (Engineering Track), AAAI Conference, 1986.
- ❑ Program Committee Member, International Conference on Expert Database Systems, February 1986.
- ❑ Program Committee Member, Expert Systems in Government Symposium, IEEE and Mitre Corp. sponsors, McLean VA, Oct. 23-25 1985.
- ❑ Program Committee Member, AAAI Workshop on Coupling Symbolic and Numerical Computing in Expert Systems, Bellevue WA, Aug. 27-29 1985.
- ❑ Co-Program Chairman, IEEE Workshop on Principles of Knowledge-Based Systems, Denver, Colorado, Dec. 1984.
- ❑ Program Committee Member, IFIP WG 8.3 Working Conference on Knowledge Representation for Decision Support Systems, Held at: Durham, England, July 1984.
- ❑ Program Committee Member, Fourth Biennial Conference of the Canadian Society for the Computational Studies of Intelligence. Held at: University of Saskatchewan, May 1982.
- ❑ Local Arrangements Committee Member, National Conference on Artificial Intelligence, Held at: Carnegie-Mellon University, Aug. 1982. Local Arrangements Chairman, Archival Memory Workshop. Sponsored by: National Science Foundation and Office of Naval Research. Held at: Carnegie-Mellon University, Sept 1978.
- ❑ Local Arrangements Chairman, Image Understanding Systems Workshop, Sponsored by: Defense Advanced Research Projects Agency. Held at: Carnegie-Mellon University, Nov 1978.
- ❑ Local Arrangements Chairman, Distributed Sensor Nets Workshop, Sponsored by: Defense Advanced Research Projects Agency. Held at: Carnegie-Mellon University, Dec 1978.

### **Professional Activities: Journals**

- ❑ Editorial Board Member, International Journal of Industrial and Systems Engineering, 2005-. <http://www.inderscience.com/ijise>
- ❑ Editorial Board Member, Journal of Scheduling, John Wiley & Sons, Ltd, 1997-2005.
- ❑ Editorial Board Member, International Journal of Manufacturing Engineering, Adams & Steele Pub. Co., 1996-2004.
- ❑ Member, Editorial Board, Artificial Intelligence in Engineering, Design and Manufacturing, Academic Press.
- ❑ Member, Editorial Board, Applied Intelligence, Kluwer Academic Publishers.
- ❑ Member, Editorial Board, Expert Systems with Applications, Pergamon Press.
- ❑ Member, Editorial Board, International Journal of Expert Systems: Research and Applications, JAI Press.
- ❑ Associate Editor, Concurrent Engineering Research and Applications, Academic Press.
- ❑ Member, Editorial Board, Annals of Mathematics and Artificial Intelligence, 198?-1991.
- ❑ Associate Editor, Annals of Operations Research, Special Issue on Linkages with Artificial Intelligence, 1988.
- ❑ Guest Editor, Artificial Intelligence Magazine special issue on AI in Manufacturing, Spring 1986.
- ❑ Editorial Committee Member, IEEE Expert, IEEE Society, 1986-1990.

- ❑ Editorial Committee Member, International Journal for Artificial Intelligence in Engineering, Computational Mechanics Publications, Southampton England, 1986-1990.
- ❑ Editorial Committee Member, Expert Systems: Research and Applications, JAI Press, Greenwich CT, 1986-?.

### **Professional Activities: Boards and Advisory Committees**

- ❑ Member and Subject Matter Expert, ISO JTC1 WG 11 on Smart Cities.
- ❑ Member, Ontario Impact Measurement Task Force, 2016-17.
- ❑ Member, Advisory Board, Kohli Center on Intelligent Systems, IIT Hyderabad, India, 2016-.
- ❑ Member, Academic Steering Committee, University of Toronto Transportation Research Institute, 2014-2016.
- ❑ Member, Steering Committee, TAGLAB, Computer Science Dept, University of Toronto, 2014-.
- ❑ Member, Steering Committee, Hatchery, FASE, University of Toronto, 2012-.
- ❑ Member, SIMTech Scientific Advisory Board, Singapore Science and Engineering Research Council, 2008-2010.
- ❑ Member, Technical Advisory Board, EECOMS project, 1998-2001.
- ❑ Member, Technical Advisory Board, US National Industrial Information Infrastructure Protocols (NIIP) 1995-1998.
- ❑ Canadian Representative, Scientific Committee, Intelligent Manufacturing Systems Global Research and Business Innovation Program, 1994-1998.
- ❑ Member, IMS Canada Advisory Committee, 1994-1998.
- ❑ Director, Numetrix Limited, Toronto Ont., 1993-6.
- ❑ Member, Canadian Delegation, Intelligent Manufacturing Systems Technical Committee, 1992-94.
- ❑ Chair, Review Committee for the Manufacturing Research Corporation of Ontario, 1990.
- ❑ Member, Production Realization Committee, Manufacturing Studies Board, US National Research Council, 1989-1990.
- ❑ Technical support to DARPA/ISTO Transportation Planning Initiative, 1989-1990.
- ❑ Representative to the US-Japan Joint Meeting on Manufacturing, Sponsored by the Manufacturing Studies Board of the National Research Council and National Science Foundation, 1988.
- ❑ Member of the Scientific Advisory Committee, Chemical Abstracts, 1987-1989.
- ❑ Member of the Scientific Advisory Committee, Dutch Foundation for Knowledge Based Systems, 1988-1992.
- ❑ Director, Carnegie Group Inc., Pittsburgh PA, 1984-1998.
- ❑ Director, Novator Systems Ltd., 1992-2010.

### **PUBLICATIONS BY TOPIC**

Most publications are available in PDF format at <http://www.eil.utoronto.ca>

### **Scheduling and Coordination Theory**

1. Beck, J.C., and Fox, M.S., (2000), "Constraint-Directed Techniques for Scheduling Alternative Activities", *Artificial Intelligence*, Vol. 121(1-2), pp. 211-250.
2. Beck, J.C., and Fox, M.S., (2000), "Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics", *Artificial Intelligence*, Vol. 117, pp. 31-81.

3. Beck, J.C., and Fox, M.S., (1999), "Scheduling Alternative Activities", *Proceedings of the American Association for Artificial Intelligence*, AAAI/MIT Press, pp. 680-687.
4. Beck, J.C., and Fox, M.S., (1998), "A Generic Framework for Constraint-Directed Search and Scheduling", *AI Magazine*, Vol. 19, No. 4, Winter 1998, pp. 101-130.
5. Beck, J.C., Davenport, A.J., Fox, M.S., (1998), "The ODO Project: Towards a Unified Basis for Constraint-Directed Scheduling", *International Journal of Scheduling*, Vol. 1, pp. 89-125.
6. Beck, J.C., Davenport, A.J., Fox, M.S., (1997), "Five Pitfalls of Empirical Scheduling Research", Gert Smolka (Ed.): *Principles and Practice of Constraint Programming - CP97, Third International Conference*, Linz, Austria, Lecture Notes in Computer Science 1330 Springer 1997, pp. 390-404.
7. Beck, C., Davenport, A., Sitariski, E., Fox, M., (1997), "Texture-Based Heuristics for Scheduling Revisited", *Proceedings of the American Association of Artificial Intelligence*, AAAI/MIT Press, pp. 241-248.
8. Beck, C., Davenport, A., Sitariski, E., Fox, M., (1997), "Beyond Contention: Extending Texture-Based Scheduling Heuristics", *Proceedings of the Fourteenth American Association of Artificial Intelligence*, AAAI/MIT Press, pp. 230-240.
9. Sadeh, N., and Fox, M.S., (1996), "Variable and Value Ordering Heuristics for the Job Shop Scheduling Constraint Satisfaction Problem", *Artificial Intelligence*, Vol. 86, No. 1, pp. 1-42.
10. Fox, M.S., (1994), "ISIS: A Retrospective", *Intelligent Scheduling*, Zweben & Fox (eds), San Francisco, CA: Morgan Kaufmann Pub. Co.
11. Zweben, M., and Fox, M.S., (1994), *Intelligent Scheduling*, San Francisco, CA: Morgan Kaufmann Pub. Co.
12. Barbuceanu, M., and Fox, M.S., (1994), "Conflict Management with the Credibility/Deniability Model", in S. Lander (ed), *Proc. of AAAI Workshop on Models of Conflict management in Cooperative Problem Solving*, Seattle, WA, AAAI Technical Report, AAAI Press.
13. Beck, J.C., and Fox, M.S., (1994), "Mediated Conflict Recovery by Constraint Relaxation", *Working Notes of AAAI Workshop on Conflict Management*, Seattle WA.
14. Beck, B.C., and Fox, M.S., (1994), "Supply Chain Coordination via Mediated Constraint Relaxation", *Proceedings of the First Canadian Workshop on Distributed Artificial Intelligence*, Banff, AB.
15. Saks, V., Johnson, I., and Fox, M.S., (1993), "Distribution Planning: A Constrained Heuristic Search Approach", *Proceedings of the Knowledge-based Systems and Robotics Workshop*, Ottawa, Nov 93, Industry Canada, pp. 13-19.
16. Davis, G., and Fox, M.S., "ODO: A Constraint-Based Scheduling Shell", *Workshop on Production Planning, Scheduling and Control*, IJCAI-93, Chambery, France, 29 Aug 93.
17. Lee, J.K., Suh, M.S., and Fox, M.S., (1993), "Contingencies for the Design of Scheduling Expert Systems", *Expert Systems with Applications: An International Journal*, Vol. 6, No. 3, pp. 219-230.
18. Lee, J.K., Fox, M.S., and Watkins, P.R., (1993), "Scheduling Expert Systems and Their Performances", *Expert Systems with Applications*, Vol. 6, No. 3, pp 217.
19. Shaw, M.J., and Fox, M.S., (1993), "Distributed Artificial Intelligence for Group Decision Support: Integration of Problem Solving, Coordination and Learning", *Decision Support Systems*, Vol. 9, No. 4, pp. 1-19.
20. Sathi, N., Fox, M.S., Goyal, R., and Kott, A.S., (1992), "Resource Configuration and Allocation: A Case Study of Constrained Heuristic Search", *IEEE Expert*, Vol. 7, No. 2, pp.26-35.

21. Sadeh, N.M., and Fox, M.S., (1991), "Micro- vs. Macro-opportunistic Scheduling", in Computer Applications in *Production and Engineering: Integration Aspects*, Doumeingts, G., Browne, J., and Tomljanovich, M. (Eds.), pp. 651-658, Holland: Elsevier Science Publishers.
22. Sycara, K., Roth, S., Sadeh, N., and Fox, M.S., (1991), "Distributed Constrained Heuristic Search", *IEEE Transactions on Systems, Man and Cybernetics*, Vol. 21, No. 6, pp. 1446-1461.
23. Sycara, K.P., Roth, S.P., Sadeh, N., and Fox, M.S., (1991), "Resource Allocation in Distributed Factory Scheduling", *IEEE Expert*, Vol. 6, No. 1, pp. 29-40.
24. Fox, M.S., and Sadeh, N., (1990), "Why is Scheduling So Difficult? A CSP Perspective", *Proceedings of the European Conference On Artificial Intelligence*.
25. Sycara, K., Roth, S., Sadeh, N., and Fox, M.S., (1990), "An Investigation into Distributed Constraint-Directed Factory Scheduling", *Proceedings of the IEEE Sixth Conference on Artificial Intelligence Applications*, pp. 94-100,
26. Sycara, K., Roth, S., Sadeh, N. and Fox, M., (1990), "Managing Resource Allocation in Multi-Agent Time-Constrained Domains", *Proceedings of the Workshop on Innovative Approaches to Planning, Scheduling and Control*, pp. 240-250, San Mateo CA: Morgan Kaufmann Pub Inc.
27. Sycara, K., Roth, S., Sadeh, N. and Fox, M., (1990), "Distributing Production Control". *Proceedings of The Fourth International Conference on Expert systems in Production and Operations Management*, Hilton Head Island, SC., May, 1990.
28. Fox M, and Sycara, K., (1990), "The CORTES Project: A Unified Framework for Planning, Scheduling and Control", *Proceedings of the Workshop on Innovative Approaches to Planning, Scheduling and Control*, pp. 412-421, San Mateo CA: Morgan Kaufmann Pub Inc
29. Fox M, and Sycara, K., (1990), "Overview of CORTES: A Constrained Based Approach to Production Planning, Scheduling and Control". *Proceedings of The Fourth International Conference on Expert systems in Production and Operations Management*, Hilton Head Island, SC.
30. Sadeh, N., and Fox, M.S., (1990), "Focus of Attention in Activity-Based Scheduling", *Proceedings of The Fourth International Conference on Expert systems in Production and Operations Management*, Hilton Head Island, SC.
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25. Rychener M., Faranacci M., Hulthage I., and Fox M.S., (1986), "Integration of Knowledge Sources in Aladin, An Alloy Design System," *Proceedings of the Annual Conference of the American Association for Artificial Intelligence*, Philadelphia PA.
26. Farinacci M.L., Fox, M.S., Hulthage, I., Rychener, M.D., (1986), "The Development of ALADIN, An Expert System for Aluminum Alloy Design", *Robotics*, Vol. 2, No. 4, pp. 329-337.

27. Hulthage I., M.D. Rychener, M.S. Fox, and M.L. Farinacci, (1986), "The Use of Quantitative Databases in Aladin, an Alloy Design System", In Kowalik, J.S. (Ed.), *Coupling Symbolic and Numerical Computing in Expert Systems*, Elsevier Science Publishers B.V., The Netherlands, pp. 209-216. Also appeared as Technical Report CMU-RI-TR-85-19, Robotics Institute, Carnegie-Mellon University, Pittsburgh, Pennsylvania.

### **Knowledge Based Simulation and Distribution Management**

1. Fox, M.S., Y.V. Reddy, N. Husain, M. Roberts, (1989), "Knowledge Based Simulation: An Artificial Intelligence Approach to System Modeling and Automating the Simulation Life Cycle", *Artificial Intelligence, Simulation and Modeling*, L.E. Widman (Ed.), New York: John Wiley & Sons, pp. 447-486. Also appeared as Technical Report CMU-RI-TR-88-5, Robotics Institute, Carnegie Mellon University, Pittsburgh PA.
2. Fox M.S., N. Sathi, V. Baskaran, J. Bouer, (1986), "Simulation Craft: An Expert System for Discrete Event Simulation", *Proceedings of 1986 Eastern Simulation Conferences*, March 10-12, 1986, Norfolk, VA.
3. V. Baskaran, M.S. Fox, N. Sathi, J. Bouer, (1986), "Simulation Craft: An Expert System Approach to Simulation Model Creation", *Proceedings of 1986 IASTED International Symposium Applied Simulation and Modelling (ASM '86)*, June 4-6, 1986, Vancouver, Canada.
4. N. Sathi, M.S. Fox, V. Baskaran, J. Bouer, (1986), "Simulation Craft: An Artificial Intelligence Approach to the Simulation Life Cycle," *Proceedings of SCS Summer Conference*, 28-30 July, 1986, Reno, Nevada.
5. N. Sathi, M.S. Fox, V. Baskaran, J. Bouer, (1986), "An Artificial Intelligence Approach to the Simulation Life Cycle," *Proceedings of INEX '86, GDI Expert Systems Conference*, 20-21 October, 1986, Regensdorf, Switzerland.
6. Reddy Y.V., M.S. Fox, M. McRoberts, and N. Husain, (1986), "KBS: A Knowledge-Based Simulation System", *IEEE Software*, March 1986.
7. McRoberts M., M.S. Fox, N. Husain, (1985), "Generating Model Abstraction Scenarios in KBS", *Proceedings of Society for Computer Simulation MultiConference*, Simulation Councils Inc: La Jolla, CA, pp. 29-33.
8. Reddy Y.V., M.S. Fox, N. Husain, (1985), "Automating the Analysis of Simulation in KBS", *Proceedings of Society for Computer Simulation MultiConference*, Simulation Councils Inc: La Jolla, CA, pp. 34-40.
9. Reddy Y.V., and M.S. Fox, (1983), "INET: A Knowledge-Based Simulation Approach to Distribution Analysis", *Proceedings of the IEEE Computer Society Trends and Applications*, National Bureau of Standards, Washington DC.
10. Reddy Y.V., and M.S. Fox, (1982), "Knowledge Representation in Organization Modeling and Simulation: A Detailed Example", *Modeling and Simulation*, Vol. 13, W.G. Vogt & M.H. Mickle (Eds.), pp. 685-691, Research Triangle Park NC: Instrument Society of America.
11. Reddy Y.V., and M.S. Fox, (1982), "Knowledge Representation in Organization Modeling and Simulation: Definition and Interpretation", *Modeling and Simulation*, Vol. 13, W.G. Vogt & M.H. Mickle (Eds.), pp. 675-683, Research Triangle Park NC: Instrument Society of America.
12. Reddy Y.V., and M.S. Fox, (1982), "KBS: An Artificial Intelligence Approach to Flexible Simulation", Technical Report, The Robotics Institute, Carnegie-Mellon University, Pittsburgh, PA, CMU-RI-TR-82-1.

### **Diagnostics**



1. Thompson, E.D., Frolich, E., Bellows, J.C., Bassford, B.E., Skiko, E.J., and Fox, M.S., (2105), "Process Diagnosis System (PDS) - A 30 Year History", *Proceedings of the Conference on Industrial Applications of Artificial Intelligence*, AAAI. To appear in *AI Magazine*.
2. Fox M.S., S. Lowenfeld, and P. Kleinosky, (1983), "Techniques for Sensor-Based Diagnosis", *Proceedings of the International Joint Conference on Artificial Intelligence*, Karlsruhe, West Germany, August 1983.

## **Manufacturing, General**

1. Roboam, M., Sycara, K., and Fox, M.S., (1991), "Organization Modeling As A Platform for Multi-Agent Manufacturing Systems", *Proceedings of the Fourth IFIPS Conference Computer Applications in Production and Engineering*, Bordeaux France.
2. Fox, M.S., (1992), "Reflections on the Relationship of AI to OR", *Proceedings of the 1988 NASA Conference on Space Robotics*, Pasadena CA.
3. Fox, M.S., (1991), "(How) Is Artificial Intelligence Impacting Manufacturing?", *Proceedings of the 20th Annual ESD International Programmable Controllers Conference*, pp. xv-xxvi, Detroit, MI: ESD -- The Engineering Society.
4. Fox, M.S., (1990), "Artificial Intelligence and Expert Systems: Myths, Legends, and Facts", *IEEE Expert*, Vol. 5, No. 1, pp. 8-22.
5. Fox, M.S., (1989), "Second Generation Commercial Applications of Artificial Intelligence", *Vuistregels in besluitvorming*, D.S. Bree (Ed.), The Hague: Universitaire Pers Rotterdam, pp. 67-85.
6. Fox, M.S., (1986), "Industrial Applications of Artificial Intelligence", *Robotics*, Vol. 2, No. 4, pp. 301-312. Also appeared in *Artificial Intelligence in Manufacturing: Key to Integration*, T. Bernold (Ed.).
7. Fox M.S., "Intelligent Management Systems in Manufacturing", *Proceedings of EMTAS'84 Conference*, Raleigh, North Carolina, October, 1984.
8. Bourne D. and M.S. Fox, (1984), "Autonomous Manufacturing: Automating the Job-Shop", *Computer*, Vol. 17, No. 9, pp. 76-86, September 1984. Also appeared in: *Annual Research Review*, Robotics Institute, Carnegie-Mellon University, Pittsburgh PA, 1983.
9. Fox M.S., (1983), "The Intelligent Management System: An Overview", *Processes and Tools for Decision Support*, H. Sol (Ed.), Amsterdam: North-Holland Pub. Co., pp. 105-130.
10. Fox, M.A., (1981), "Intelligent Management Systems: An Overview", Technical Report CMU-RI-TR-81-4, The Robotics Institute, Carnegie-Mellon University, Pittsburgh, PA.
11. Fox M.S., (1982), "The Role of Active Systems in the Factory of the Future", *Proceedings of the Fourteenth Annual Conference of the Society for Information Management*, SIM, Chicago Illinois, Sept. 1982.

## **Database Browsing - Hypermedia**

1. Fox M.S. and A.J. Palay, (1981), "Machine Assisted Browsing for the Naive User", in *Public Access to Library Automation*, J.L. Divilbiss (ed.), Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, pp. 77-98.
2. Palay A.J., and M.S. Fox, (1981), "Browsing Through Databases", In *Information Retrieval Research*, R.N. Oddy et al. (Eds.), Butterworths: London, England, pp. 310-324.
3. Fox M.S., D. Bebel, and A. Parker, (1980), "The Automated Dictionary", *Computer*, July 1980.
4. Fox M.S., and A.J. Palay, (1979), "The BROWSE System: An Introduction", *Proceedings of the Annual Conference of the American Society for Information Science*, Minneapolis MN, Oct. 1979.

## Machine Learning

1. Bittle, S.A., Fox M.S., (2010), “Transfer Learning of Search Heuristics For Constraint Satisfaction”, *Proceedings of the 30th Soar Workshop*, University of Michigan, pp. 91-95, June 2010.
2. Bittle, S.A., Fox, M.S., (2009), “Introducing Constrained Heuristic Search to the Soar Cognitive Architecture,” *Proceedings of the Second Annual Conference on Artificial General Intelligence*, Arlington Virginia..
3. Bittle, S.A., Fox, M.S., (2009), “Learning and Using Hyper-Heuristics for Variable and Value Ordering in Constraint Satisfaction Problems,” *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2009) Workshop, Automated Heuristic Design: Crossing the Chasm for Search Methods*, Montreal, Canada.
4. Fox M.S., (1978), “Knowledge Structuring: An Overview,” *Proceedings of the Second Conference of the Canadian Society for Computational Studies of Intelligence*, Toronto Ont., July 1978.
5. Fox M.S. and R. Reddy, (1977), “Knowledge Guided Learning of Structural Descriptors”, *Proceedings of the Fifth International Joint Conference on Artificial Intelligence*, Cambridge, Mass., pp. 318, Aug. 1977.

## Speech Understanding

1. Hayes-Roth F., D.J. Mostow, M.S. Fox, (1978), “Understanding Speech in the HEARSAY-II System”, In: *Speech Communication With Computers*, L. Bolc (Ed.), Berlin: Springer-Verlag.
2. Fox M.S. and D.J. Mostow, (1977), “Maximal Consistent Interpretations of Errorful Data in Hierarchically Modeled Domains,” *Proceedings of the Fifth International Joint Conference on Artificial Intelligence*, Cambridge, Mass., Aug. 1977, pp. 165-171.
3. Fox M.S. and F. Hayes-Roth, (1976), “Approximation Techniques for the Learning of Sequential Patterns.” *Proceedings of the Third International Joint Conference on Pattern Recognition*, Coronado Calif., Nov. 1976, pp. 616-620.
4. Hayes-Roth F., L.D. Erman, M.S. Fox, D.J. Mostow, (1976), “Syntactic Analysis in Hearsay-II,” *Speech Understanding Systems: Summary of Results of the Five-Year Research Effort*, Department of Computer Science, Carnegie-Mellon University, Pittsburgh, PA.
5. Hayes-Roth F., M.S. Fox, G. Gill, D.J. Mostow, (1976), “Semantics and pragmatics in the Hearsay-II speech understanding system,” *Speech Understanding Systems: Summary of Results of the Five-Year Research Effort*, Department of Computer Science, Carnegie-Mellon University, Pittsburgh, PA.

## Other

1. Bai, L., Gavino, A.I., Lee, P., Kim, J., Liu, N., Tan, H.P., Tan, H.X., Tan, L.B., Toh, X., Valera, A., Yu, E.J., Wu, A., and Fox, M.S., (2015), “SHINESeniors: Personalized Services for Active Ageing-in-Place, *Proceedings of the IEEE Smart Cities Conference*, Guadalajara, Mexico.

Hackworth, Jason

# **CURRICULUM VITA: JASON HACKWORTH (updated: July 2017)**

## **A. BIOGRAPHICAL INFORMATION**

### **1. PERSONAL**

#### **Office Contact:**

Department of Geography and Planning  
University of Toronto  
100 St. George Street  
Sidney Smith Hall, Room 5047  
Toronto, ON M5S 3G3  
(416) 946-8764  
jason.hackworth@utoronto.ca

### **2. DEGREES**

2000 PhD in Geography, Rutgers University (RU)  
1996 MEP (Planning), Arizona State University (ASU)  
1996 MA in Geography, ASU  
1993 BA in Sociology, University of Cincinnati (UC); Magna Cum Laude (& High Honors in Major Field)

### **3. EMPLOYMENT**

2012-present Professor of Geography and Planning, University of Toronto (UT)  
2006-2012 Associate Professor of Geography and Planning, UT  
2002-2006 Assistant Professor of Geography and Planning, UT  
2000-2002 Assistant Professor of Geography, Florida State University (FSU)

### **4. HONORS**

Faculty of Arts and Science Dean's Excellence Award, 2003, 2006, 2010  
HUD Urban Scholar Fellowship, 2001  
Best Student Paper; Urban Geog. Specialty Group, AAG, 1998  
College of Architecture and Environmental Design (ASU) Service Award, 1996  
Graduate Academic Scholarship (ASU), 1994  
Graduate Tuition Scholarship (ASU), 1993, 96  
Honors Scholarship (UC), 1992  
Member of Golden Key National Honor Society, 1991  
Member of Alpha Lambda Delta [Academic Honorary Organization], 1990  
Mabel Wagnalls Jones Memorial Scholarship, 1989-94; 1996-98  
Presidential Academic Fitness Award, 1989  
Ohio University Regional Scholar, 1988

## **5. PROFESSIONAL AFFILIATIONS**

Urban Affairs Association

## **B. ACADEMIC HISTORY**

**6.**

### **A. RESEARCH AREAS**

*Topical foci:* urban political economy; comparative urban policy; declining cities; land abandonment

*Geographical foci:* large North American cities in general; New York, Toronto, and Detroit in particular

### **B. MAJOR RESEARCH AWARDS AND FUNDED PROPOSALS\***

- 2015-20 \$174,306 from the Social Science and Humanities Research Council (SSHRC) for the project, “Geography, neoliberalism, and land abandonment in the North American Rust Belt”.
- 2010-15 \$110,149 from the SSHRC for the project “Geographies of faith, neoliberalism, and welfare provision”.
- 2007-10 \$44,937 (with RTS) from SSHRC for the project, “Neoliberal geographies and the restructuring of social housing in Ontario”.
- 2005-10 \$1,000,000 from the SSHRC Community-University Research Alliances (CURA) program for the project “Community gentrification and the concept of building inclusive communities from within: Toronto’s west-central neighbourhoods as a case study”, Hulchanski, D. (Lead PI), Eagan, R., Pigott, S., George, U., Hackworth, J., McDonald, L., Poland, B., Quarter, J., Savan, B., and R. Murdie.
- 2004-7 \$51,202 from SSHRC, “Uneven development in large North American conurbations since 1970”.
- 2004 \$14,123 from the Connaught Matching Grant Program at UT, “Urban landscape change in large North American metropolitan areas”.
- 2004 \$20,000 to develop a proposal on “Community gentrification and the concept of building inclusive communities from within: Toronto’s west-central neighbourhoods as a case study”; from SSHRC’s Community-University Research Alliances program. (Hulchanski, D. [lead PI], Eagan, R., Pigott, S., George, U., Hackworth, J., McDonald, L., Poland, B., Quarter, J., Savan, B., and R. Murdie)
- 2002 \$10,000 from the UT Connaught Grant Program for the project “Investment and disinvestment in the ten largest US metropolitan areas”.
- 2001-2 \$44,515(US) from the Department of Housing and Urban Development for the project “Retaining income mixture in HOPE VI mixed-finance housing”.

- 2001 \$10,000(US) from The FSU Council on Research and Creativity for the project “Real estate development and economic restructuring in American Cities”; FYAP Grant.
- 2001 \$8,000(US) from The FSU Council on Research and Creativity, for the project “Urban form and economic restructuring in large American cities”; COFRS Grant.

\* Canadian funds unless otherwise noted.

## C. SCHOLARLY AND PROFESSIONAL WORK

### 7. REFEREED WORK

#### A. Books

- Hackworth, J. 2012. *Faith Based: Religious neoliberalism and the politics of welfare in the United States* (Athens GA: University of Georgia Press).
- Hackworth, J. 2007. *The Neoliberal City: Governance, ideology and development in American urbanism* (Ithaca NY: Cornell University Press).

#### B. Peer-Reviewed Journal Articles

- Hackworth, J. 2017. Race and the production of extreme land abandonment in the American Rust Belt. *International Journal of Urban and Regional Research*, forthcoming
- Hackworth, J. 2017. Urban decline is not natural. *Metropolitica*, April.
- Hackworth, J. 2016. Defiant neoliberalism and the danger of Detroit. *Tijdschrift voor Economische en Sociale Geografie*, 107(5): 540-551.
- Hackworth, J. 2016. Demolition as urban policy in the American Rust Belt. *Environment and Planning A*, 48(11): 2201-2222.
- Hackworth, J. 2016. Why there is no Detroit in Canada. *Urban Geography*, 37(2): 272-295.
- Hackworth, J. 2015. Right-sizing as spatial austerity in the American Rust Belt. *Environment and Planning A*, 47(4): 766-782.
- Hackworth, J. and K. Nowakowski 2015. Using market-based policies to address market collapse in the American Rust Belt: The case of land abandonment in Toledo, Ohio. *Urban Geography*, 36(4): 528-549.
- Hackworth, J. 2014. The limits to market-based strategies for addressing land abandonment in shrinking American cities. *Progress in Planning*, 90: 1-37.
- Hackworth, J. and E. Gullikson 2013. Giving new meaning to religious conversion: Churches, redevelopment, and secularization in Toronto. *The Canadian Geographer*, 57(1): 72-89.
- Hackworth, J. and K. Stein 2012. The collision of faith and economic development in Toronto’s inner suburban industrial districts. *Urban Affairs Review*. 48(1): 35-61.
- Mah, J. and J. Hackworth 2011. Local politics and inclusionary housing in three large Canadian cities. *Canadian Journal of Urban Research*, 20(1): 57-80.

- Hackworth, J. and J. Akers 2011. Faith in the neoliberalization of post-Katrina New Orleans. *Tijdschrift voor Economische en Sociale Geografie*, 102(1): 39-54.
- Hackworth, J. 2010. Compassionate neoliberalism?: Evangelical Christianity, the welfare state, and the politics of the Right. *Studies in Political Economy*, 86: 83-108.
- Hackworth, J. 2010. Faith, welfare, and the city: the mobilization of religious organizations for neoliberal ends. *Urban Geography*, 31(6): 750-773.
- Hackworth, J. 2009. Neoliberalism, partiality, and the politics of faith-based welfare in the United States. *Studies in Political Economy*, 84: 155-179.
- Hackworth, J. 2009. Normalizing 'solutions' to 'government failure': media representations of Habitat for Humanity. *Environment and Planning A*, 41(11): 2686-2705.
- Hackworth, J. 2008. The durability of roll-out neoliberalism under centre-left governance: the case of Ontario's social housing sector. *Studies in Political Economy*, 81: 7-26.
- Conway, T. and J. Hackworth 2007. Urban form and ecological integrity in the Greater Toronto Area. *The Canadian Geographer*, 51(1): 43-57.
- Hackworth, J. and A. Moriah 2006. Neoliberalism, contingency, and urban policy: the case of social housing in Ontario. *International Journal of Urban and Regional Research*, 30(3): 510-527.
- Hackworth, J. 2005. Emergent urban forms, or emergent post-modernisms? a comparison of large U.S. metropolitan areas. *Urban Geography*, 26(6): 484-519.
- Hackworth, J. and J. Rekers 2005. Ethnic packaging and gentrification: the case of four neighbourhoods in Toronto. *Urban Affairs Review*, 41(2): 211-236.
- Hackworth, J. 2005. Progressive activism in a neoliberal context: the case of efforts to retain public housing in the US. *Studies in Political Economy*, 75: 29-51.
- Hackworth, J. 2004. The neoliberal turn and the restructuring of public housing policy in the United States. *Critical Planning*, 11: 31-50.
- Hackworth, J. and E. Wyly 2003. Social polarization and the politics of low income mortgage lending in the United States. *Geografiska Annaler-Series B*, 85(3): 149-165.
- Hackworth, J. 2003. Public housing and the re-scaling of regulation in the US. *Environment and Planning A*, 35(3): 531-549.
- Hackworth, J. 2002. Local autonomy, bond-rating agencies and neoliberal urbanism in the US. *International Journal of Urban and Regional Research*, 26(4): 707-725.
- Hackworth, J. 2002. Post recession gentrification in New York City. *Urban Affairs Review*, 37(6): 815-843.
- Hackworth, J. and N. Smith 2001. The changing state of gentrification. *Tijdschrift voor Economische en Sociale Geografie*, 92(4): 464-477.
- Hackworth, J. 2001. Inner city real estate investment, gentrification, and economic recession in New York City. *Environment and Planning A*, 33(5): 863-880.
- Hackworth, J. 2000. State devolution, urban regimes, and the production of geographic scale: the case of New Brunswick, NJ. *Urban Geography*, 21(5): 450-458.
- Hackworth, J. 1999. Local planning and economic restructuring: a synthetic interpretation of urban redevelopment. *Journal of Planning Education and Research*, 18(4): 293-306.
- Hackworth, J. 1998. From capital of the New-World to new world-capital: pre-1930s globalism in New York City. *The Middle States Geographer*, 31: 111-122.

### C. Book Chapters

- Hackworth, J. 2018. Religious neoliberalism, in D. Cahill, M. Cooper, M. Konings and D. Primrose, eds., *SAGE Handbook on Neoliberalism*. Sage, forthcoming
- Hackworth, J. 2017. The post-growth city?, in A.E.G. Jonas, B. Miller, K. Ward, D. Wilson, eds., *Handbook on Spaces of Urban Politics*. Routledge, forthcoming.
- Hackworth, J. 2016. The public-private partnership. Pp. 396-405, in S. McGovern (Ed.), *Urban Politics: A reader*. Thousand Oaks, CA: CQ Press.
- Hackworth, J. 2015. The normalization of market-fundamentalism in Detroit: The case of land abandonment. Pp. 75-90, in M.P. Smith and L.O. Kirkpatrick (Eds.), *Reinventing Detroit*. New Brunswick, N.J. and London: Transaction Publishers.
- Hackworth, J. 2012. Faith, welfare, and the formation of the modern American Right. Pp. 91-108, in Tuomas Martikainen and Francois Gauthier (Eds.), *Religion in the Neoliberal Age: Political Economy and Modes of Governance*. London: Ashgate.
- Hackworth, J. 2010. Neoliberalism for God's Sake: Sectarian justifications for secular policy transformation in the United States. Pp. 357-379, in A.L. Molendijk, J. Beaumont, and C. Jedan, (Eds.), *Exploring the postsecular: the religious, the political, the urban*. Leiden, NL: Brill.
- Hackworth, J. and N. Smith 2010. The changing state of gentrification. Pp. 65-76, in L. Lees, T. Slater, and E. Wyly, (Eds.), *The Gentrification Reader*. London: Routledge.
- Hackworth, J. 2009. Destroyed by HOPE: Public housing, neoliberalism, and progressive housing activism in the US. Pp. 232-256, in S. Glynn, (Ed.), *Where the other half lives: Lower income housing in a neoliberal world*. London: Pluto Press.
- Hackworth, J. 2009. Political marginalization, misguided nationalism and the destruction of Canada's social housing systems. Pp. 257-277, in S. Glynn, (Ed.), *Where the other half lives: Lower income housing in a neoliberal world*. London: Pluto Press.
- Hackworth, J. 2008. Kritika neoliberalnog grada. Pp. 92-103, in L. Kovačević, T. Medak, P. Milat, M. Sančanin, T. Valentić, and V. Vuković, (Eds.), *Priručnik Za Život U Neoliberalnoj Stvarnsosti*. Zagreb: Prosinac. (translated into Croatian by T. Valentić)
- Hackworth, J. 2005. Die reform des öffentlichen Wohnungsbaus in den USA. Pp. 14-31, in V. Eick, J. Sambale, and M. Mayer, (Eds.), *Sozialer Wohnungsbau, Arbeitsmarkt(re)integration und der neoliberale Wohlfahrtsstaat in der Bundesrepublik und Nordamerika*. Berlin: Free University. (translated into German by Volker Eick and Jens Sambale)

### 8. OTHER SCHOLARLY PUBLICATIONS AND REPORTS

- Hackworth, J. 2016. Demolition-only urban policy leads to economic and social isolation. *LSE American Politics and Policy Blog*. Available at:  
<http://blogs.lse.ac.uk/usappblog/2016/10/07/demolition-only-urban-policy-leads-to-economic-and-social-isolation/>
- Hackworth, J. 2009. The neoliberal city after the fall of neoliberalism. APSA 2009 Toronto Meeting Paper. Available at SSRN: <http://ssrn.com/abstract=1450983>



- Hackworth, J. 2009. Habitat for Humanity and the neoliberal media: A comparison of news coverage in Canada and the United States. *University of Toronto Cities Centre Research Report 216*.
- Hackworth, J. 2008. Challenging the neoliberal city. *The Neoliberal Frontline: Urban Struggles in Post-Socialist Societies*. 6-8.
- Hackworth, J. 2007. Working with the devil that we know... social justice, and the challenge of criticizing Liberal social housing in Ontario. *Blackfly Magazine*. Spring: 18-21.
- Hackworth, J. 2007. Neoliberalism, Social Welfare, and the Politics of Faith in the United States. *Centre for Urban and Community Studies Research Report 210*.
- Grise, P. and J. Hackworth 2007. Review of T. Uguris (2004) "Space, power and participation: ethnic and gender divisions in tenants' participation in public housing" (London, Ashgate). *The International Journal of Urban and Regional Research*. 31(2): 499-500.
- Ramsay, R. and J. Hackworth 2007. Review of H. Leitner, J. Peck, and E. Sheppard (Eds.) (2006) "Contesting neoliberalism: urban frontiers" (New York, Guilford). *The Canadian Geographer*. 51(3): 407-409.
- Hackworth, J. 2006. Public housing 'reform' as neoliberal 'revanche' in the U.S. Pp. 5-18, in P. Oswalt, (Ed.), *Shrinking cities: Complete Works 2: Interventions Working Papers*. Berlin: Archplus.
- Hackworth, J. and J. Rekers 2005. Ethnic identity, place marketing, and gentrification in Toronto. *Centre for Urban and Community Studies Research Report, 203*.
- Hackworth, J. 2005. Neoliberal ideas and social housing realities in Ontario. *Progressive Planning Magazine*. 164: 17-19,22.
- Wirsig, K., d. green, S. Kipfer, D. Douglas, G. Galabuzi, K. Goonewardena, J. Hackworth, P. Khosla, U. Lehrer, D. Young 2004. Tearing Regent up: will tenants displaced by redevelopment get homes back? activists don't think so. *NOW Weekly* (Feb 26 - Mar 3), 23(26): 18-19.
- Hackworth, J. 2003. Review of Marcuse, P. and R. Van Kempen's (Eds.) "Globalizing Cities: A new spatial order?" *Annals of the Association of American Geographers*. 93(3): 757-9.
- Hackworth, J. and E. Wyly 2003. Low and moderate income mortgage lending and the polarization of the poor. *Proceedings of the Annual Meeting of the Urban Affairs Association*. (Cleveland, OH: Urban Affairs Association Annual Meeting, CD-ROM publication)
- Hackworth, J. 2002. Final Report: Retaining income mixture in HOPE VI mixed-finance housing. National Research Council. 19pp.
- Hackworth, J. and E. Wyly 2001. Review of Andrew Herod's (Ed.) "Organizing the Landscape". *Urban Geography*. 21(7): 654-656.
- Hackworth, J. and N. Smith 2000. Final Report: The diffusion of post-recession gentrification. NSF Fastlane.
- Hackworth, J. 2000. Third Wave Gentrification. unpublished doctoral dissertation, Rutgers University. 205pp.
- Hackworth, J. and B. Holcomb 1999. Review of David Ley's "The New Middle Class and the Remaking of the Urban Landscape". *Economic Geography*. 75(1): 93-4.

- Hackworth, J. 1996. An Exploratory Study of Research Center Management at Arizona State University's Peer Institutions: Lessons and insights for the future of ASU's research agenda. Office of the Vice President for Research and Strategic Initiatives at Arizona State University. 55pp.
- Hackworth, J. 1996. Manufacturing Research Centers: A quick fact sheet. Arizona State University CIMS YRC. 8pp.
- Hackworth, J. 1996. Local Politics and Structural Change: A pluralistic interpretation of commercial landscape production in the Phoenix Metropolitan area. An Unpublished Master's Thesis, Arizona State University (Geography). 133pp.
- Hackworth, J. 1996. Commercial Redevelopment in the Phoenix Metropolitan Area. unpublished master's thesis, Arizona State University (Planning). 83pp.
- Hackworth, J. 1996. Environmental Research Centers in North America. Center for Environmental Studies, Arizona State University. 33pp.
- Hackworth, J. 1994. Reflections on the cultural layout of Eloy, Arizona. Ignacio San Martin (Ed.) *Visions*. A joint publication of the School of Planning at ASU and the Casa Grande Press: Casa Grande, Arizona.
- Cross, S., Hackworth, J., Kasson, W., Lourimore, H., Moric, S., and M. Wichert 1993. South Mountain East Ecological Inventory and Analysis. Research Report. School of Planning and Landscape Architecture, Arizona State University: Tempe. 148pp.

## **9. MANUSCRIPTS/PROPOSALS IN PREPARATION OR UNDER REVIEW**

- Hackworth, J. "Revisiting 'the changing state of gentrification'", article manuscript under review.
- Hackworth, J. "Urban decline as white reaction", article manuscript under review
- Hackworth, J. "Manufacturing decline: Ideas, conservative propaganda, and urban policy framing", book chapter under review for R. Dilworth, and T. Weaver, eds., *Ideas, Institutions, and Cities*.
- Phillips, R. and J. Hackworth, Review of Ugo Rossi's "Cities in Global Capitalism", for the *Canadian Journal of Urban Research*
- Hackworth, J. "Conservative ruin porn", article manuscript in progress (draft complete)
- Hackworth, J. "Conservative city limits", article manuscript in progress (draft complete)
- Hackworth, J., and Hartt, M. "Household size decline, urban decline, or both?", article manuscript in progress (draft complete).
- Hackworth, J. "Finding faith in neoliberal capitalism", invited book chapter manuscript under review for Glenn Feldman, ed., *Aberration and order*.
- Hackworth, J. *Urban decline as social control*. Book project in progress (draft ~ 50 percent complete).

## **10. PAPERS PRESENTED AT MEETINGS AND SYMPOSIA**

- 2018 "Urban decline as white reaction." To be presented at the Annual Meeting of the Urban Affairs Association, Toronto.
- 2018 Invited critic for "Navigating Ethnicity: Segregation, Placemaking and Difference", by David Kaplan; Annual Meeting of the Association of American Geographers, New Orleans.

- 2017 “Shrinking cities, shrinking households, or both?” Presented at the Annual Congress of the Association of European Schools of Planning, Lisbon, PT. (first author with Maxwell Hartt)
- 2017 “Race and the production of extreme land abandonment”. Presented at the Annual Meeting of the Urban Affairs Association, Minneapolis, MN.
- 2016 “Demolition as urban policy in the American Rust Belt”. Presented at the Annual Meeting of the Urban Affairs Association, San Diego, CA.
- 2015 “De facto right-sizing”. Presented at a workshop on right-sizing, sponsored by the Leibniz-Institut, Berlin.
- 2015 “Politics, planning and austerity in the declining city”. Presented at the Annual Meeting of the Association of American Geographers, Chicago, IL.
- 2014 “Investment in disinvestment: An analysis of second-auction tax foreclosures in Toledo Ohio”. Presented at the Annual Meeting of the Urban Affairs Association, San Antonio, TX.
- 2012 “Property, market fundamentalism, and declining American cities”. Presented at the Annual Meeting of the Association of American Geographers, New York, NY
- 2011 “Financial predation in declining American cities”. Presented at the Annual RC 21 Conference, Amsterdam, NL.
- 2011 “A hand-up, not a hand-out: The normalization of non-profit welfare in the media”. Presented at the Annual Meeting of the Association of American Geographers, Seattle, WA (second author with Sally Turner).
- 2011 “Privatization of space: land law and policy in Detroit”. Presented at the Annual Meeting of the Association of American Geographers, Seattle, WA (second author with Joshua Akers).
- 2010 “The curious durability of faith in American welfare”. Presented at the Annual Meeting of the Association of American Geographers, Washington, DC.
- 2010 “Faith in the neoliberalization of post-Katrina New Orleans”. Presented at the Annual Meeting of the Association of American Geographers, Washington DC (second author with Joshua Akers).
- 2009 “The neoliberal city after the fall of neoliberalism”. Presented at the Annual Meeting of the American Political Science Association, Toronto, ON.
- 2008 “Challenging the neoliberal city”. Keynote address presented at the conference, “The Neoliberal Frontline: Urban Struggles in Post-Socialist Societies”, Zagreb, Croatia.
- 2007 “Faith based urban policy in the US”. Presented at the Annual Meeting of the Association of American Geographers, San Francisco, CA.
- 2006 “Devolution, neoliberalism, and social housing in Ontario”. Presented at the Annual Meeting of the Institute of British Geographers, London, England.
- 2006 “The neoliberalisation of social housing in Ontario”. Presented at the Annual Meeting of the Institute of British Geographers, London, England.
- 2006 “Urban form and ecological variation in Toronto”. Presented at the International and Nordic Urban Form Conference, Stockholm, Sweden (second author with Tenley Conway).
- 2006 “Contingent neoliberalisms? The case of social housing in Ontario”. Presented at the Annual Meeting of the Association of American Geographers, Chicago, IL.

- 2005 “Neoliberalism and the packaging of ethnic identity in Toronto”. Presented at the Annual Meeting of the Association of American Geographers, Denver CO.
- 2005 “Neoliberalism, the ethic of property, and the activities of non-profit housing providers in Ontario”. Presented at the Annual Meeting of the Planners Network Conference, Minneapolis MN.
- 2004 “Disciplinary neoliberalism and the re-scaling of municipal regulation: the case of bond rating agencies”. Presented at the Canadian Association of Geographers Annual Meeting, Moncton NB.
- 2004 “Bond-rating agencies and the re-scaling of municipal regulation”. Presented at the Annual Meeting of the Association of American Geographers, Philadelphia, PA.
- 2003 “Real estate investment patterns and economic restructuring in large American cities, 1970-2000”. Presented at the Canadian Association of Geographers Annual Meeting, Victoria BC.
- 2003 “Low and moderate income mortgage lending and the polarization of the poor”. Presented at the Annual Meeting of the Urban Affairs Association, Cleveland.
- 2002 “The liberalization of market failures and the gentrification of public housing in the U.S.” Presented at the Annual Meeting of the Association of American Geographers, Los Angeles, CA.
- 2001 “The articulation of global governance at the urban scale: Bond-rating agencies and their impact on urban politics”. Presented at the Annual Meeting of the Association of American Geographers, New York, NY.
- 2000 “The changing state of gentrification”. Presented at the Annual Meeting of the Association of American Geographers, Pittsburgh. (first author with Neil Smith)
- 1999 “Investment, disinvestment, and recession in New York City housing markets, 1984-1997”. Presented at the Annual Meeting of the Middle States Division of the Association of American Geographers, Westchester, PA.
- 1999 “The diffusion of post-recession gentrification in New York City”. Presented at the Annual Meeting of the Association of American Geographers, Honolulu, HI. (first author with Neil Smith)
- 1998 “From capital of the New-World to new world-capital: Pre-1930s globalism in New York City”. Presented at the Annual Meeting of the Middle States Division of the Association of American Geographers, New Brunswick, NJ.
- 1998 “Benevolent paternalism or the rigidification of geographical scale?: the curious return of scattered-site housing”. Presented at the Association of American Geographers Annual Meeting, Boston, MA.
- 1997 “The ‘reinvention’ of public housing and the production of geographical scale”. Presented at the 7th Annual Geography Graduate Student Conference, Columbus, OH.
- 1997 “Local politics and structural change: A pluralistic interpretation of commercial landscape change in the Phoenix Metropolitan Area”. Presented at the Association of American Geographers Annual Meeting, Ft. Worth, TX.
- 1996 “Landscape change and urban restructuring in Phoenix Arizona”. Presented at the Middle States Association of Geographers Annual Conference, Philadelphia, PA.

## 11. INVITED LECTURES AND WORKSHOPS

- 2016 Urban Institute (Washington DC). Meeting on processes of neighborhood change in Legacy Cities.
- 2014 University of Illinois, Department of Geography, "Creation, destruction, and ideology in the declining city". (co-keynote address)
- 2014 University of Michigan, Rackham School of Graduate Studies, "Urban crisis, relationality, and Detroit".
- 2013 University of Pittsburgh Center for Social and Urban Research, "The city after abandonment; urban policy after neoliberalism".
- 2011 Åbo Akademi University (Turku, Finland), Department of Comparative Religion, "Faith, neoliberalism, and the politics of the welfare state in the United States."
- 2010 Columbia University, Department of Political Science. "The politics of faith, neoliberalism, and welfare in American cities".
- 2009 University of Toronto, Centre for the Study of the US. "The curious durability of faith in American welfare".
- 2008 University of Groningen, Netherlands. "Neoliberalism, for God's Sake: Finding economic liberalism in religiously conservative social movements".
- 2007 Stanford University, Department of Anthropology. "Faith-based social welfare in the United States".
- 2007 York University, Department of Geography. "Neoliberalism, evangelicalism, and the restructuring of welfare in the US".
- 2007 University of Toronto, Later Life Learning Lecture. "The gentrification of North American cities. Or why it cost so much to buy a cup of coffee downtown these days".
- 2004 Free University of Berlin, John F. Kennedy Institute (Germany). "Public housing policy and labour market integration in the US".
- 2004 Leipzig Centre for Environmental Research (Germany). "HOPE, failure, and the restructuring of public housing policy in the US".
- 2004 North Rhine Westphalia State Ministry of Planning (Germany). "Recent trends in North American urban development".
- 2004 Bonn University, Department of Geography (Germany). "Third wave gentrification".
- 2003 York University, Department of Geography. "The neoliberal turn and the restructuring of public housing policy in the United States".
- 2001 Fannie Mae Foundation Annual Retreat (Berkeley, West Virginia). "Retaining income mixture in HOPE VI mixed-finance housing".
- 2001 University of Illinois-Chicago, Great Cities Institute. "The liberal imagination and urban development in the U.S."
- 2001 Florida State University, Department of Planning. "Smart growth and inner city real estate investment".
- 2000 Florida State University, Department of Geography. "Getting started in the academic job market" (with Tony Stallins and Dan Klooster).
- 2000 Pennsylvania State University, Department of Geography. "Gentrification in New York City".
- 2000 University of Connecticut, Department of Geography. "Gentrification in New York City".

- 2000 Florida State University, Department of Geography. “Real estate investment in New York City”.
- 2000 Depaul University, Department of Geography. “Real estate investment in New York City”.
- 1996 Downtown Phoenix Partnership Steering Committee. “Spatial mismatch between the inner city labor force of Phoenix and available jobs”.
- 1996 Arizona State University Center for Integrated Manufacturing Systems Research. “Manufacturing research centers in the United States”.
- 1995 Arizona State University Environmental Agenda Conference. “The university based environmental research center”.

**D. LIST OF COURSES**

**12.**

**A. UNDERGRADUATE COURSES TAUGHT (with total number of times taught)**

- 2015-p Comparative Urban Policy, GGR 359 (3)
- 2014-p Cities and Everyday Life, SII 199 (2)
- 2007-p Advanced Topics in Urban Geography, GGR 458 (8)
- 2011-12 Global Cities, GGR 216 (2)
- 2010-13 Geography, Religion, and Political Economy, GGR 358 (4)
- 2009 Political Spaces, SSC 199
- 2003-06 Urbanization and Contemporary Cities, GGR 124 (4)
- 2003-06 Social Research Methods, GGR 271 (4)
- 2003-05 Geography of Housing, GGR 357 (3)
- 2000-01 Urban Geography, GEO 4602—FSU (2)
- 2001 Human Geography, GEO 1400—FSU (2)
- 2000 Urban Geography, GEOG 240—RU
- 1999 Introduction to Geography, GEOG 100—RU
- 1998 Political Geography, GEOG 405—RU
- 1997 Computer Visualization for Geographers, GEOG 242—RU

**B. GRADUATE COURSES TAUGHT**

- 2010-p Urban Decline, JPG 1516 (6)
- 2012 Advanced Planning Theory, PLA 2000
- 2008-09 Planning Colloquium, PLA 2001
- 2003-07 Urban Political Economy, JPG 1501 (4)
- 2002 Urban Spatial Structure and Growth, JPG 1501
- 2002 Economic Geography, GEO 5545—FSU
- 2001 Urban Geography, GEO 5605—FSU

**C. THESIS SUPERVISION**

\* degree in progress (all others completed)

## **Main Supervisor:**

### *PhD:*

- \* Christopher Dick (PhD): Urban decline (PLA)
- \* Julie Mah (PhD): Gentrification in Detroit (PLA)
- \* Austin Zwick (PhD): Hydro-fracking in the American Rust Belt (PLA)
- Joshua Akers (PhD, 2013): Decline industry: the market production of Detroit (GGR)
- Roger Picton (PhD, 2008): Landscape change in LeBretton Flats, Ottawa (GGR)

### *Masters:*

- \* Alison Blagden (MScPl): Payday lenders in Ontario
- \* Hiba Hussain (MScPl): Race and housing
- \* Rachel Phillips (MA): Urban politics and decline
- Anni-Claudine Buelles (MScPl, 2017): Toronto waterfront planning
- Stuart Burkimsher (MScPl, 2017): Suburban Rooming houses
- Keegan Butler (MScPl, 2017): Aging in place measures
- Noha Refaat (MScPl, 2017): Informal settlements in Cairo
- Adam Garcia (MScPl, 2016): Historic preservation and inequality in Toronto
- Emily Macrae (MScPl, 2016): Tower renewal in Toronto
- Tara-Lyn Prindiville (MScPl, 2016): Homelessness policy in Ontario
- Frances Woo (MScPl, 2016): Seniors housing in the GTA
- Tyler Hughes (MScPl, 2015): Places of worship in employment lands
- Amy Bath (MScPl, 2013): Laneway housing in Toronto
- Daniel Girard (MScPl, 2013): Scattered site housing in Toronto
- Katie Plaizier (MScPl, 2013): Motel emergency shelter housing in Toronto
- Sumeet Ahluwalia (MScPl, 2012): Planning for disasters: the case of Pickering Nuclear
- Thomas Beck (MScPl, 2012): Planning to encourage families in downtown Edmonton
- Nita Choos Singh (MScPl, 2012): Expropriation in Ontario: the case of the 407 extension
- Mercedeh Madani (MScPl, 2012): Expiring co-op housing financial agreements
- Narmadha Rajakumar (MScPl, 2012): The secondary suite by-law change in Ontario
- Ann-Marie Cashin (MScPl, 2011): Inclusionary zoning in St. Johns NL
- Erin Gullikson (MScPl, 2011): The conversion of churches into condos in Toronto
- Sharon Hong (MScPl, 2010): Heritage and multiculturalism in Toronto
- Ada Jeffrey (MA-Religion, 2010): The temperance movement in the Junction (Toronto)
- Kirsten Stein (MScPl, 2010): Converting employment lands to places of worship
- Julie Mah (MScPl, 2010): Inclusionary housing in Toronto, Vancouver and Montreal
- Fei-Ling Tseng (MScPl, 2010): Insights into the Dutch suburb of Bijlmermeer
- Dan Cohen (MScPl, 2009): Creative city policy transfer to Indonesia
- Scott Birchall (MScPl, 2006): The secondary suite by-law in Newmarket, ON
- Lesley Collins (MScPl, 2006): Challenges with preserving modern architecture
- Jennifer Shaw (MA, 2006): Neighborhood change in Kensington Market, Toronto
- Stephanie Wall (MScPl, 2006): University-led planning developments
- Jason Bottoni (MScPl, 2004): Urban intensification in Brampton ON
- Lesley Kinsley (MScPl, 2003): Inclusionary housing in Toronto
- Linda Lum (MScPl, 2003): Safety issues and planning in the Yonge Street BIA

## **Committee Member:**

### *PhD:*

- \* Kelly Gregg (PhD): Pedestrianization and public space
- \* Rebecca Osolen (PhD): Urban, mobility, gentrification
- \* Daniel Rowe (PhD): Public private partnerships
- \* Dylan Simone (PhD): Financialization
- \* Samuel Walker (PhD): Urban agriculture in shrinking cities
- \* Katherine Wihry (PhD): Health geography in Portland, ME
- Martine August (PhD, 2014): Social mix and public housing redevelopment<sup>2</sup>
- Luisa Sotomayor (PhD, 2014): Planning through spaces of exception<sup>2</sup>
- Carolyn Hatch (PhD, 2013): Contract furniture industry in Canada
- Marcie Snyder (PhD, 2013): Aboriginal health and social services<sup>2</sup>
- Patrick Vitale (PhD, 2013): Historical geography in Pittsburgh, PA
- Paul Langlois (PhD, 2012): Condo branding in Toronto
- Vanessa Parlette (PhD, 2012): Anti-poverty activism in Scarborough (Toronto)
- Katherine Geddie (PhD, 2010): Higher education industry policy in Canada and the UK<sup>2</sup>
- Brian Hracz (PhD, 2010): The music industry in Toronto
- Josephine Rekers (PhD, 2010): Knowledge transfer in culture and science
- Jennifer Ridgley (PhD, 2010): Citizenship and sanctuary cities in the US
- Amy Siciliano (PhD, 2010): Gun violence in Toronto's inner suburbs
- Juan Carrasco (PhD—Civ. Eng., 2006) Transportation planning in Santiago Chile<sup>1</sup>
- Jill Wigle (PhD, 2006) Housing and location in Mexico City
- Matthew Roorda (PhD—Civil Eng., 2005) Transportation modeling in the GTA<sup>1</sup>
- Tara Vinodrai (PhD, 2005) The design sector in Toronto
- Jason Dittmer (PhD, 2003) Discourses of NATO expansion (FSU)<sup>1</sup>

### *Masters:*

- \* Sean Grisdale (MA): AirBnB and housing issues
- Alexandra Fortune-Rusnyk (MScPl, 2017): Affordable housing
- Natalie Corbo (MScPl, 2016): Transit and gentrification in Toronto
- Stephanie Malcher (MScPl, 2016): Affordable homeownership policies
- Dylan Simone (MA, 2014): Financial insecurity amongst Toronto immigrants
- Grant McLean (MScPl, 2014): Commercial gentrification
- Amy Buitenhuis (MA, 2013): Neoliberalism and prisons in Ontario
- Emma Cohlmeier (MScPl, 2013): Addressing vacant commercial strips
- Elena Goracinova (MA, 2013): Economic geography
- Natalie Langlois (MScPl, 2013): Open data and community planning
- Kelsey Nowakowski (MA, 2013): Community development issues in declining cities
- Douglas Duckworth (MScPl, 2012): Parking garages and urban decline in St. Louis
- Patrick Adler (MA, 2011): The bicycle messenger industry in North America
- Valerie Bryson (MScPl, 2011): Heritage planning in Toronto
- Kristine Janzen (MScPl, 2011): Heritage issues with the Scadding Cabin project
- Raili Lakanen (MScPl, 2011): Environmental planning in Sudbury, ON
- Cameron Balfour (MA, 2010): Inclusionary housing issues in Toronto
- Emily Watt (MA, 2010) A critical analysis of 629 Eastern, South Riverdale, Toronto.



Emily Reid-Musson (MA, 2009) Workfare in Ontario  
 Angie Jang (MScPl, 2009) Cultural identity and Toronto's Little Italy  
 Sue Kelleher (MScPl, 2009) Food animators and community development  
 Courtney Hood (MA-ID, 2008) Microfinance in the developing world  
 Tanya Kumar (MA, 2008) Local governance in Mumbai  
 Mark Kear (MA, 2007) The redevelopment of False Creek in Vancouver  
 Darren Crosswell (MA, 2006) Political attitudes of new urbanist community residents  
 Jessica Wilczak (MScPl, 2006) Urban planning in China  
 Abigail Moriah (MScPl, 2005) Employment revitalisation in Toronto  
 David Feldstein (MA, 2004) Gentrification and immigration in Toronto  
 Meredith Meade (MScPl, 2004) Perceptions of safety at the St. George Campus of UofT  
 Stephan Nieweler (MScPl, 2004) Smart growth initiatives in Toronto and Vancouver  
 Robert Ramsay (MA, 2004) Digital divide issues  
 Lori Tesolin (MScPl, 2004) Information technology development in the GTA  
 Sabrina Bordone (MScPl, 2003) Siting supportive housing facilities  
 Nadia Messere (MScPl, 2003) School closure criteria in Toronto  
 Gus Goya (MIS—International Studies, 2001) Urban governance (FSU)  
 Robert McGowan (MA, 2001) Tourism in Wales (FSU)  
 Michael Pryce-Jones (MA, 2001) Landscape semiotics in Oxford (FSU)

\* degree in progress (all others completed)

<sup>1</sup> Committee participation during the examination or proposal stage only.

<sup>2</sup> Committee participation during the final thesis defense only.

## **D. OTHER TEACHING AND LECTURES GIVEN**

### **Special Readings Courses with Students:**

2017 Hebah Masood (BA Geog)—Race and housing in the United States  
 2017 Labiba Chowdhury (BA Geog, 2017)—Inclusionary zoning  
 2012 Daniel Girard (MScPl, 2013)—Public housing privatization  
 2012 Katie Plaizier (MScPl, 2013)—Using motels as emergency shelter in Toronto  
 2012 Charlotte Switzer (BA Geog, 2013)—Land abandonment in urban Canada  
 2011 Sumeet Ahluwalia (MScPl, 2012)—Disaster planning for carless populations  
 2011 Nita Choos Singh (MScPl, 2012)—Expropriation in Ontario  
 2011 Joshua Akers (PhD Geog)—Declining cities  
 2010 Erin Gullikson (MScPl, 2011)—Religious landscape changes in Toronto  
 2010 Ada Jeffrey (MA-Religion, 2010)—Social capital and new immigrant religion  
 2009 Kirsten Stein (MScPl, 2010)—New religious spaces in derelict industrial lands  
 2009 Julie Mah (MScPl, 2010)—Recent debates on social housing  
 2008 Sally Turner (PhD Geog)—Faith-based social service providers  
 2008 Joshua Akers (PhD Geog)—Faith-based social service providers  
 2006 Jonathan English (BA [Urban Studies], 2009)—Brownfield redevelopments  
 2004 Lauren Assi (BA [Geog], 2004, UT)—Urban governance in China  
 2003 Jonathan Percy (BA [Urban studies], 2004, UT)—Smart growth planning  
 2001 Jason Hight (MA, 2003, FSU)—Habitat for Humanity housing

2000 Michael Pryce-Jones (MA, 2001, FSU)—Semiotics and Space

**Guest Lectures for Courses:**

- 2016 Special Fieldtrip Course Visiting from Erasmus University College, Netherlands (Brian Doucet, Professor). “Why there is no Detroit in Canada”.
- 2003 Core Course in Urban, Social, and Economic Geography at UT (Gunter Gad, Professor). “The past, present and future of urban geography”.
- 2002 Introduction to Urbanization Course at UT (Larry Bourne, Professor). “North American urban system(s)?”
- 2002 Core Course in Urban, Social, and Economic Geography at UT (Gunter Gad, Professor). “Emerging themes in urban geography”.
- 2002 Urban Development and Planning Course at FSU (Planning) (Charles Connerly, Professor). “HOPE VI as a revitalization strategy”.
- 2001 Advanced GIS Course at FSU. (Basil Savitsky, Professor) “Urban data and geographic information systems”.
- 1999 Geography of Cities Course at RU. (Cheryl Gowar, Instructor) “Cycles of real estate investment in New York City”.
- 1999 Geography of Cities Course at RU. (Elvin Wyly, Professor) “Gentrification, disinvestment, and reinvestment”.
- 1999 Field Geography Course at RU. (Charles Colvard, Professor) “Urban field methods”.
- 1999 Geographic Information Systems Course at RU (Michael Medler, Professor). “Using geographic information systems in urban geography”.
- 1997 Natural Hazards Course at RU. (J. Kenneth Mitchell, Professor) “Using the internet for academic research”.
- 1996 Urban Revitalization Course at RU. (Briavel Holcomb, Professor) “Urban redevelopment in Phoenix Arizona”.

**13. ADMINISTRATIVE POSITIONS**

**Committee Work and Academic Service (to department, university, and academic field):**

**Main department:**

- Undergraduate committee—UT Geography, 2016-18; 08-11; 02-03
- Planning admissions committee—UT Planning, 2014-18; 12-13
- Instructional technology committee—UT Geography, 2015-16
- SSHRC SIG Allocation Committee—UT Geography, 2015
- Senior committee—UT Geography, 2014-15
- Teaching committee—UT Geography, 2014-15; 2007-10
- Tenure committees—UT Geography, 2017-18 (1); 12-13 (1); 10-11 (1); 07-08 (1)
- Research mentor for faculty—UT Geography, 2012-2015; 2006-2011
- Undergraduate scholarships and awards committee—UT Geography, 2012-13, 08-10
- Research assessor for full-professor promotion case—UT Geography, 2012-13

Specialization advisor for urban stream planning students—UT Planning, 2007-13  
CLTA hiring committee—UT Planning and Geography, 2012  
External scholarships committee—UT Planning and Geography, 2012, 2002  
Graduate planning committee—UT Planning, 2011-12  
Third-year review promotion committees—UT Geography, 2010 (1); 2008 (2)  
Sessional lecturer promotion committee—UT Geography, 2012, 2010  
Organizer for department book launch—UT Geography, 2010, 2008, 2005  
Co-organizer of teaching discussion panels—UT Geog, 2010 (1), 2009 (2)  
Undergraduate ethics committee—UT Geography, 2009-10  
Undergraduate coordinator—UT Geography, 2008-10  
Departmental advisory committee—UT Geography, 2008-10  
Reading committee for tenure applicants—UT Geography, 2008-09 (1); 07-08 (1)  
Writing initiative committee—UT Geography, 2007-09  
Search committee for public policy position—UT Geography, 2007-08  
Planning scholarships committee—UT Planning, 2008-09; 04-06  
Annual activity evaluation (PTR) committee—UT Geography, 2008  
Search committees for urban geography position—UT Geography, 2005-06; 04-05  
Job advertisement drafting committee—UT Geography, 2005  
Course load reduction committee—UT Geography, 2005  
Graduate admissions committee—UT Geography, 2002-06  
Internal ethics committee for dissertation proposals—UT Geography, 2006; 02-03  
Graduate student leadership award committee—FSU Geography, 2000-01  
Colloquium committee—FSU Geography, 2000-01  
Geography department colloquium series coordinator—RU, 1997-98  
Treasurer and GSA rep for association of geography graduate students—RU, 1996-98  
President of the association of master of env. planning students—ASU, 1994-95

### **University:**

School of Cities Working Group: 2017-18  
Centre for the Study of the United States, Program Committee: 2017-18  
School of Graduate Studies (SGS) exam chair: May 2017; March 2015; October 2011;  
August 2008  
Committee on Standing, Faculty of Arts and Science (UT), 2011-13  
Faculty of Arts and Science Governing Council Representative for Geography: 2017-18;  
07-09  
Promotion committee for senior lecturer applicant, Innis College, 2009-10  
Steering committee for Centre for Urban and Comm Studies CURA Project, 2005-07

### **Academic field:**

Postdoctoral fellow supervisor for: Maxwell Hartt (SSHRC Post Doc, 2016-18); Emily  
Rosenman (FAS Post Doc, 2017-19); Bjarke Risager (Danish Government Post Doc,  
2018-20)  
External evaluator for full-professor review: University of Illinois, Chicago, 2016  
External evaluator for senior lecturer review: University of Liverpool, 2016

External evaluator for emeritus professor review: Institut national de la recherche scientifique (INRS), 2016-17  
External evaluator for tenure reviews: University of Michigan, Urban Planning, 2017; University of Waterloo, Geography, 2015; Simon Fraser University, Urban Studies, 2009  
External evaluator for pre-tenure reviews: University of Utah, Urban Planning, 2015; New School for Social Research (NYC), Urban Studies, 2009  
External thesis examiner: University of British Columbia, Department of Geography, PhD candidate, 2012; City University of New York, Anthropology, 2016; Wilfred Laurier University, Social Work, 2017; University of Oregon, Architecture, 2017  
Panel member for OGS graduate scholarships: Planning, 2010-2011  
Judge for AAG Urban Geography Specialty Group MA Thesis Competition, 2007  
Judge for AAG Urban Geography Specialty Group Student Paper Competition, 2006  
AAG Urban Geography Specialty Group board member, 2005-06  
Organizing committee for 2004 International Housing Conference, 2003-04  
Moderator for the New Jersey State Geography Bee, 1999  
Student Director for the American Planning Association for Arizona, 1994-95  
Student Liaison for the Association of Collegiate Schools of Planning at ASU, 1994-95

Article Manuscript Reviewer For:

*American Review of Canadian Studies* (2), *Annals of the Association of American Geographers*, *Antipode* (4), *Buildings and Landscapes*, *Cambridge Journal of Regions Economy and Society*, *Canadian Geographer*, *Canadian Journal of Urban Research* (8), *Cities*, *City and Community*, *City and Society*, *Current Sociology*, *Economic Development Quarterly* (2), *Environment and Planning A* (14), *Environment and Planning D* (2), *The Florida Geographer*, *Geographical Review*, *Global Networks*, *Great Lakes Geographer*, *Growth and Change*, *Housing Policy Debate*, *Housing Studies* (4), *International Journal of Managerial Finance*, *International Journal of Urban and Regional Research* (8), *Journal of Landscape Architecture*, *Journal of Planning Education and Research*, *Journal of Planning Literature*, *Journal of Urban Affairs* (3), *Planning Theory*, *Professional Geographer*, *Progress in Human Geography*, *Regional Studies*, *Social and Cultural Geography* (2), *Space and Polity*, *Southeastern Geographer*, *Studies in Political Economy* (2), *Tijdschrift voor Economische en Sociale Geografie* (2), *Transactions of the Institute of British Geographers*, *Urban Affairs Review* (10), *Urban Geography* (15), *Urban Planning and Design Research*, *Urban Studies* (4)

Book Manuscript Reviewer For:

Ashgate Press, Cornell University Press (2), Oxford University Press (2), MacMillan Palgrave, Policy Press (2), Routledge, Sage Publications, University of Georgia Press, University of Minnesota Press, University of Pittsburgh Press

Funding Proposal Reviewer For:

Fannie Mae Foundation (2), Hungarian Scientific Research Fund, SSHRC (4), Kuwaiti Foundation for the Advancement of Sciences, Swiss National Science Foundation, US National Science Foundation (4)

Editorial Board Membership:

*Urban Affairs Review* (2011-2013); *Urban Geography* (2018-present)

**F. OTHER RELEVANT INFORMATION**

**Conference Session Organizing:**

- 2018 Organizer for one panel session, “Ongoing urban distress in the post-Industrial Midwest”, at the Annual Meeting of the Urban Affairs Association, Toronto.
- 2017 Co-organizer (with Akira Drake Rodriguez) for one panel session, “The enduring significance of race in urban policy”, at the Annual Meeting of the Urban Affairs Association, Minneapolis.
- 2016 Co-organizer (with Joanna Ganning) for one panel session, “The post-demolition city”, at the Annual Meeting of the Urban Affairs Association, San Diego.
- 2015 Co-organizer (with Joshua Akers) for one panel session, “Place, politics and the declining city”, at the Annual Meeting of the AAG in Chicago.
- 2014 Organizer for one panel session, “The city after abandonment”, at the Annual Meeting of the Urban Affairs Associations in San Antonio.
- 2012 Co-organizer (with Joshua Akers) for one panel session, “Property and space in the declining city”, at the Annual Meeting of the AAG in New York City.
- 2010 Co-organizer (with Justin Beaumont) for two paper sessions, “Spaces of postsecular engagement”, at the Annual Meeting of the AAG in Washington DC.
- 2005 Organizer for panel session, “Neoliberal Urbanism”, at the Annual Meeting of the AAG in Denver.
- 2002 Organizer for two panel sessions, “Placing the Neoliberal City” and “Replacing the Neoliberal City” at the Annual Meeting of the AAG in Los Angeles.
- 2001 Co-organizer for “Rescaling Urban Policy”—a five-paper session at the Annual Meeting of the AAG in New York City (with Elvin Wyly and Sean DiGiovanna)

**Media Interviews:**

*Baltimore Sun* (2016); *Bridge Magazine* (2017); *CBC Here and Now* (2005); *CBC Radio Canada* (2011), *Dispatches International* (2012); *Flossin’ Magazine* (2005); *Globe and Mail* (2012, 2017); *HoBo Magazine* (2003); KPFA Radio (San Francisco) (2015); Louisiana Anthology Podcast (2017); *National Post* (2010, 2005); *Novae Rae Urbis* (2002); *Omni Television* (2005); *On The Danforth* (2007, 2006); *Remapping Debate* (2011); *Rutgers Daily Targum* (1998); *Scranton Times-Tribune* (2014); *Toronto Open Source: Community Powered News* (2011) *Toronto Star* (2013, 2012, 2004); *University of Toronto Varsity* (2005); *TVO* (2015); *Wall Street Journal* (2016), *Winnipeg Free Press* (2015); *Yahoo! Canada* (2013).

Hughes, Sarah

# Curriculum Vitae

**Dr. Sarah Hughes**  
Assistant professor

2016, June 24

## B. Biographical Information

Primary Office                      University of Toronto Mississauga    3359 Mississauga Road                      Mississauga, ON  
L5L 1C6    Telephone                      647-227-5045    Cell phone                      647-227-5045    Fax  
905-569-4965    Email                      sara.hughes@utoronto.ca

### 1. EDUCATION

#### Degrees

2006 - 2011                      PhD, Urban Environmental Politics, Environmental Science and Management, University of California, Santa Barbara, California, USA.    Supervisor: Professor Oran Young

2004 - 2006                      MSc, Water Politics, Fisheries and Wildlife, Michigan State University, East Lansing, Michigan, USA. Supervisor: William Taylor

1999 - 2004                      BSc, Fisheries and Wildlife, Michigan State University, East Lansing, Michigan, USA.

#### Postgraduate, Research and Specialty Training

10/13 - 10/14                      Postdoctoral Fellow, Office of Research and Development, U.S. Environmental Protection Agency, Durham, NC, USA. Supervisor: Dan Laughlin

08/11 - 10/13                      Postdoctoral Fellow, Urban Climate Politics, Climate Science and Applications Program National Center for Atmospheric Research, Boulder, CO, USA. Supervisor: Patricia Romero-Lankao

### 2. EMPLOYMENT

#### Current Appointments

01/15 - Present                      Assistant Professor, Political Science, School of Arts and Sciences, University of Toronto, Mississauga, Ontario, Canada.

### 3. HONOURS AND CAREER AWARDS

#### Distinctions and Research Awards

INTERNATIONAL

Received

05/13 **Clarence N. Stone Young Scholar Award**, Urban Politics Section, American Political Science Association, USA.

## Student/Trainee Awards

### INTERNATIONAL

#### Received

10/11 **Postdoctoral Fellowship**, Advanced Study Program of the National Center for Atmospheric Research, Boulder, CO, USA. Research award, climate change studies  
*Worth \$150,000 USD*

08/10 **Affiliate's Graduate Fellowship**, University of California, Santa Barbara, CA, USA.  
Graduate training award.  
\$3,500

08/09 **Dean's Fellowship**, University of California, Santa Barbara, CA. USA.  
Graduate training award.  
\$5,000.

08/08 **Science to Solutions Doctoral Student Fellowship**. Henry Luce Foundation, Washington, D.C., USA.  
Graduate training award  
\$5,000

## Professional Associations

2012 - present **Member**, Urban Affairs Association

2011 - present **Member**, American Political Science Association

## Administrative Activities

08/15 - present **Member**, Experiential Learning Group, University of Toronto Mississauga  
  
Reviewing and updating experiential learning opportunities being offered in various departments

05/16 -06/16 **Member**, Graduate scholarship committee, Department of Political Science, University of Toronto St. George  
  
Allocating funding for graduate students in the department

02/16-05/16 **Member**, Workload policy committee, Department of Political Science, University of Toronto Mississauga

## Peer Review Activities

### EDITORIAL BOARDS

**Special Issue Guest Editor, *Urban Climate***

### GRANT REVIEWS

**U.S. National Oceanic and Atmospheric Administration, 1 review**



**U.S. National Science Foundation, 1 review**

MANUSCRIPT REVIEWS

**Policy Studies Journal**

**Current Opinion in Environment and Sustainability**

**Environmental Science and Policy**

**Social Science Research**

**Ecology and Society**

**Society and Natural Resources**

**World Development**

**Public Policy and Administration**

**Weather, Climate and Society**

**Other Research and Professional Activities**

12/15 - 01/15                      Member, Best conference paper award committee. Urban Affairs Association

**C. Academic History**

**1. RESEARCH STATEMENTS**

- 05/16 - present                      Urban Youth Activism, Tracing the theoretical development around urban youth activism and generating a database of urban youth activism events in Canada and internationally
- 08/13 - present                      Urban Climate Change Implementation, Examining the implementation of climate change policies and programs in Toronto, NYC, and Los Angeles
- 08/2013 - present                      Waste Management Sustainability, Studying the introduction of organic waste recycling in Minneapolis, Minnesota
- 05/2013 - present                      Policy Attention of Local Governments, Analyzing the patterns of policy attention levels in U.S. local governments

**2. RESEARCH AWARDS**

**Grants, Contracts and Clinical Trials**

PEER-REVIEWED GRANTS

Funded

- 04/15                                      **Primary Investigator**, Steering Cities. Connaught New Researcher Award, University of Toronto. Research Funding. *To support examination of the implementation of climate change policies and programs in Toronto, NYC and Los Angeles*
- 02/15                                      **Primary Investigator**, Steering Cities. Research and Scholarly Activity Fund, University of

Toronto Mississauga. Research Funding.  
*To support examination of the implementation of climate change policies and programs in Toronto, NYC and Los Angeles*

Declined

02/15                    **Applicant.** Insight Development Grant. SSHRC. \$64,330 CAD. Research Funding.    *To support examination of the implementation of climate change policies and programs in Toronto, NYC and Los Angeles*

## D. Publications

### 1. MOST SIGNIFICANT PUBLICATIONS

**Author. Hughes, Sara.** (forthcoming). "The politics of urban climate change policy: Toward a research agenda," *Urban Affairs Review*. IF: 1.293

**Author. Hughes, Sara.** 2013. "Justice in Urban Climate Change Adaptation: Criteria and Application to Delhi," *Ecology and Society*, 18(4): 48-63. IF: 2.77

**Author. Hughes, Sara.** 2012. "Voluntary Environmental Programs in the Public Sector: Evaluation of an Urban Water Conservation Program in California," *Policy Studies Journal* 40(4): 650-673. IF: 2.00

### 2. PEER-REVIEWED PUBLICATIONS

#### Journal Articles

Lee, Taedong and **Sara Hughes.** (forthcoming). "Urban Climate Risks and Adaptation Agendas,"  
Mitigation and Adaptation Strategies for Global Change.

**Hughes, Sara.** 2015. "A Meta-Analysis of Urban Climate Change Adaptation Planning in the U.S.," *Urban Climate*, Special Issue: Building Capacity for Urban Climate Change Adaptation

**Hughes, Sara** and Patricia Romero Lankao. 2014. "Science and Institution Building in Urban Climate Change Policy Making," *Environmental Politics* 23 (6): 1023-1042.

Romero Lankao, Patricia, **Sara Hughes**, Angelica Rosas Huerta, Roxana Burquez, Hua Qin, and Andrea Lampis. 2014. "Toward an Integrated Assessment of Urban Vulnerability and Risk: Insights from Latin American cities," *Habitat International* 42: 224-245.

**Hughes, Sara** and Stephanie Pincetl. 2014. "Evaluating Collaborative Institutions in Context: The case of regional water management in southern California," *Environment and Planning C: Government and Policy* 32: 20-38.

Runfola, Daniel Miller and **Sara Hughes**. 2014. "What Makes Green Cities Unique? Examining the economic and political characteristics of the grey-to- green continuum," *Land* 3: 131-147.

Marcotullio, Peter, **Sara Hughes**, Andrea Sarzynski, Stephanie Pincetl, Landy Sanchez, Patricia Romero-Lankao, Daniel Runfola, Karen C. Seto. 2014. "Urbanization and the Carbon Cycle: Contributions from social science," *Earth's Future*, 2(10): pp. 496-514.

Romero-Lankao, Patricia, Kevin R. Gurney, Karen C. Seto, Mikhail Chester, Riley M. Duren, **Sara Hughes**, Lucy R. Hutyra, Peter Marcotullio, Lawrence Baker, Nancy B. Grimm, Christopher Kennedy, Elisabeth Larson, Stephanie Pincetl, Dan Runfola, Landy Sanchez, Gyami Shrestha, Johannes Feddema, Andrea Sarzynski, Joshua Sperling, and Eleanor Stokes. 2014. "A critical knowledge pathway to low-carbon, sustainable futures: Integrated understanding of urbanization, urban areas, and carbon," *Earth's Future*, 2(10): pp. 515-532.

**Hughes, Sara**. 2013. "Authority Structures and Service Reform in Multilevel Urban Governance: The case of wastewater recycling in California and Australia," *Urban Affairs Review* 49(3): 381-407.

Romero Lankao, Patricia, **Sara Hughes**, Angelica Rosas Huerta, Roxana Burquez, and Melissa Haeffner. 2013. "Institutional Capacity for Climate Change Responses: An examination of construction and pathways in Mexico City and Santiago," *Environment and Planning C: Government and Policy* 31:785-805.

**Hughes, Sara**. Stephanie Pincetl and Christopher Boone. 2013. "Understanding Major Urban Transitions: Drivers and Dynamics in the City of Los Angeles," *Cities: The International Journal of Urban Policy and Planning* 32: 51-59.

**Hughes, Sara**, Annie Yau, Lisa Max, Nada Petrovic, Frank Davenport, Michael Marshall, Timothy R. McClanahan, Joshua C. Cinner, Edward H. Allison. 2012. "Assessing National Level Vulnerability to Coral Reef Fisheries Decline from a Food Security Perspective," *Environmental Science and Policy*. 23, 95-108.

Braden, John, Jeffrey Dozier, Patricia Gober, **Sara Hughes**, David R. Maidment, Sandra L. Schneider, P. Wesley Schultz, James S. Shortle, Stephen K. Swallow, and Carol M. Werner.

2009. "Social Science in a Water Observing System," *Water Resources Research* Vol. 45, W11301.

**Hughes, Sara**, Lena Partzsch, and Joanne Gaskell. 2007. "Virtual Water: A critical link for integrating global water, energy, and development goals," *Sustainable Development Law and Policy*, 7, 58-62.

### **3. NON-PEER-REVIEWED PUBLICATIONS**

#### **Book Chapters**

**Sara Hughes** and Megan Mullin. (forthcoming) "The New Local Politics of Water," in *The Oxford Handbook of Water Politics and Policy*, New York, NY: Oxford University Press.

Romero-Lankao, Patricia, Sarah Burch, and **Sara Hughes** (forthcoming) "Governing Carbon and Climate in Cities," in *Climate Change and Cities: Second Assessment Report of the Urban Climate Change Research Network*, Cambridge: Cambridge University Press.

**Hughes, Sara**. 2014. "The urban future of fisheries," in *Future of Fisheries: Perspectives for Emerging Professionals*, eds. William Taylor, Abigail Lynch, and Nancy Leonard: Bethesda, MD: American Fisheries Society Press, pp. 429-434.

Romero Lankao, Patricia, Hua Qin, **Sara Hughes**, Melissa Haeffner and Mercy Borbo-Cordova. 2012. "Urban vulnerability and adaptation to the health impacts of air pollution and climate extremes in Latin American cities," in *Research in Urban Sociology*, ed. William G. Holt, Bingley, UK: Emerald Press.

**Hughes, Sara** and Joan Rose. 2011. "Governing Global Aquaculture for Human Security," with Joan Rose, in *Sustainable Fisheries: Multi-Level Approaches to a Global Problem*, eds. Michael Schechter, Abigail Lynch, and William Taylor: Bethesda, MD: American Fisheries Society Press.

**Hughes, Sara** and Jennifer McKay. 2010. "The Contribution of Actors to Achieving Sustainability in Australia through Water Policy Transitions," in *Policy Entrepreneurs: A*

research companion to water transitions around the world, eds. Dave Huitema and Sander Meijerink, Cheltenham, UK: Edward Elgar Press.

Partszch, Lena and **Sara Hughes**. 2010. "Food versus Fuel: Governance Potential for Water Rivalry," in Food Ethics, eds. Franz-Theo Gottwald, Hans Werner Ingensiep and Marc Meinhardt, New York, NY: Springer Publishers.

**Hughes, Sara** and Lena Partszch. 2009. "Greening the Streams: US and EU Water Foreign Policy," in Environmental Change and Foreign Policy, ed. Paul G. Harris, London, UK: Routledge Press.

#### 4. SUBMITTED PUBLICATIONS

##### Journal Articles

**Hughes, Sara** and Jacqueline Peterson, Transforming Municipal Services to Transform Cities: Understanding the role and influence of the private sector.

Kalafatis, Scott and **Sara Hughes**, Climate Change Adaptation in Cities: A race to the top?

**Hughes, Sara**, Dan Runfola, Benjamin Cormier. Issue Proximity and Policy Attention in Local Governments

## E. Presentations and Special Lectures

### 1. International

#### Abstracts and Other Papers

2016 "The Steering Ability of City Governments: Reducing GHG Emissions in NYC, Los Angeles, and Toronto," Paper presented at the Urban Affairs Association meeting, March 17, 2016, San Diego, CA.

2015 "Urban Sustainability Policies: The steering role of city governments," Paper presented at the American Political Science Association meeting, September 5, 2015, San

Francisco, CA.

- 2015 "The Politics and Processes of Institutional Change for Urban Sustainability: Implementing Urban Climate Change Plans," Paper presented at the Urban Affairs Association Annual Meeting, April 8-12, 2015 and the Midwest Political Science Association Annual Meeting, April 15-19, 2015.
- 2014 "The Potential for Justice in Urban Climate Change Adaptation in the U.S.: The role of institutions," Paper presented at the Urban Affairs Association Annual Meeting, March 19-21, 2014, San Antonio, TX.
- 2013 "Evaluating and Explaining the Institutional Fit of Climate Change Mitigation and Adaptation Actions of Local Governments in the U.S." with Daniel Runfola. Paper Presented at the Annual Meeting of the American Political Science Association, August 28-September 1, 2013, Chicago, IL.
- 2013 "Multi-Scalar Dimensions of Urban Climate Change Planning: The Cases of Delhi and Mexico City." 2013. Paper Presented at the International Studies Association Annual Meeting and the Urban Affairs Association Annual Meeting, April 3-8, San Francisco, CA.
- 2012 "Institutional Drivers, Science Politics, and Urban Climate Change Planning in Mega-Cities."

2012. Paper Presented at the Annual Meeting of the American Political Science Association,

August 30-September 2, New Orleans, LA. (presented virtually)

2012 “Locating Authority in Urban Climate Adaptation: Processes and Consequences.” 2012. Paper

Presented at the “Governing Adaptation” Symposium, March 21-22, Amsterdam, the

Netherlands.

2012 “The Role of ‘Local’ Control in Promoting Justice in Urban Climate Change Planning.” 2012.

Paper Presented at the Annual Meeting of the Association of American Geographers, February

25-29, New York, NY.

2011 “Evaluating Collaborative Institutions in Context: Regional Water Management in Southern

California.” 2011. Paper Presented at the Annual Meeting of the American Political Science

Association, September 1-4, Seattle, WA.

2011 “Multilevel Governance and Environmental Change: The Scale Politics of Recycled Water

Development for Cities in California and Australia, 2011. Paper Presented at the

Conference on Earth System Governance, May 17-20, Fort Collins, CO.

### **Invited Lectures and Presentations**

2014 U.S. Environmental Protection Agency, Women in Science and Engineering, “The Role of Social

Science in Environmental Research,” Durham, NC, July 29, 2014.

- 2013 The Regional Studies Association, "Evaluating the Potential for Justice in Urban Climate Change Adaptation in the U.S.," Los Angeles, CA, December 17, 2013.
- 2012 The Energy and Resources Institute, "Urban Climate Change Planning: Exploring the Role of Institutions," Delhi, India, May 21, 2012.
- 2012 University of Colorado, Denver, "Building Theories to Understand the Underlying Mechanisms of Injustice in Urban Climate Governance," Workshop on Policy Process Research, February 15, 2012.
- 2011 University of Southern California, "Regulating Water: Strategies, Challenges, and Future Directions," Department of Business and Government, Los Angeles, CA, March 24, 2011.
- 2010 University of California, Santa Barbara, "Determinants of the Adoption and Implementation of Urban Water Conservation Programs," Department of Political Science, October 28, 2010.
- 2007 Helmholtz Centre for the Environment, "Institutions and Water Management," Leipzig,



Germany, August 25, 2007.

## 2. National

## 4. Local

### Invited Lectures and Presentations

03/16 Speaker, TEDXUofT, Toronto, ON, Canada. Sara Hughes: Cities and Climate Change, Making the links

03/16 University of Toronto Office of Sustainability, "Cities, Climate Change, and U of T: Making the links," Toronto, March 9, 2016

## F. Teaching and Design

2016-present Urban Policy and Policymaking (POL476/2376) University of Toronto St. George

2015-present Urban Politics (POL346) University of Toronto Mississauga

2013 Cities and the Environment University of Colorado Boulder

## G. Research Supervision

### 1. Multi-Level Education

[Presented in reverse chronological order]

[Start – End Dates] **[Role]**, [Name of Student], Student's Current Position: [Student's Current Position], Student's Current Institution: [Student's Current Institution] . [Year/ Stage], *[Research Project Title]*. Awards: [Student's Awards Attained]. Collaborators: [Collaborators]. Completed [Year Completed].

### 2. Undergraduate Education

2016 Summer ROP Students (2)

### 3. Graduate Education

**2016-present UTM Master of Environmental Sustainability and Management Student Theses (2)**

**2015-present U of T Department of Political Science PhD Students (2 committee members)**

**2015-present University of Michigan School of Natural Resources and Environment PhD Student (1 committee member)**

Miron, John R.

# Curriculum Vita

(27 April 2016)

*Name*

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John R. Miron

*E-mail*

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john.miron@utoronto.ca

*Web page*

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<http://www.utsc.utoronto.ca/~miron/>

*Current position*

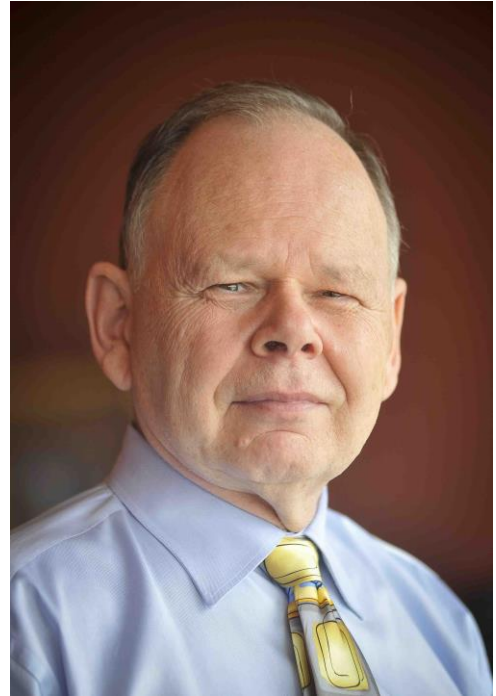
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Professor of City Studies, Geography, and Planning  
Department of Human Geography  
MW362, University of Toronto at Scarborough  
1265 Military Trail, Toronto, Canada M1C 1A4  
Phone 416 287 7311 Fax 416 287 7283

*Home address*

---

314 Dyson Road,  
Pickering, Ontario, Canada L1W 2M9  
Phone 905 509 7188  
Cell 647 218 0459



*Date of birth*

25 September 1947

*Place of birth*

Noranda, Québec, Canada

*Citizenship*

Canadian

*Degrees (degree, university, subjects, year completed)*

---

Ph.D University of Toronto, Geography, 1974. Thesis: Economic Bases in the Theory of City Growth (Urban Systems and Economic Growth). 258p. Supervisor: Ross D. MacKinnon  
M.Sc.(pl) University of Toronto, Urban and Regional Planning, 1972. Supervisor: Robert McCabe  
M.A University of Pennsylvania, Regional Science, 1970: Supervisor: Walter Isard  
B.A Queen's University, Economics and Mathematics, 1969: Supervisor: Rod Fraser

*Employment (institution, location, years; position held, dates)*

---

University of Toronto, Toronto, Canada; 1976-

Professor: July 1986-;

Chair, Department of Social Sciences, UT Scarborough: July 2004 - June 2008

Interim Chair, Department of Social Sciences, UT Scarborough: January - June 2004

Geography Discipline Representative, Department of Social Sciences, UT Scarborough: July 1993 - June 1995, July 1997 - June 2002; July 2003- June 2004; July 2010 - June 2011

Chair, Division of Social Sciences, UT Scarborough, July 1986 - June 1991;

Associate Professor: July 1980 - June 1986;

Research Associate, Centre for Urban and Community Studies, 1978-2007;

Member of the School of Graduate Studies, 1977-;

Assistant Professor of Geography: July 1976 - June 1980.

International Institute for Applied Systems Analysis, Laxenburg, Austria; Sept 1975 - Aug 1976

Research Scholar, Human Settlements Research Area, 1975-1976.

Queen's University, Kingston, Canada, 1974-1975;

Assistant Professor of Geography, Sept 1974 - Aug 1975.

*Awards (award, sponsor, date)*


---

 Visiting Professor, Hohai University, Nanjing, China, May 2013

Visiting Professor, Department of Real Estate and Construction, University of Hong Kong, Hong Kong, February 2003

Visiting Professor, Faculty of Architecture, Universidad Nacional Autónoma de México (UNAM), July 2002

J. Rowntree Foundation Visiting Professor of Housing Policy, University of York, York, England, September 1993

Leave Fellow, Social Sciences and Humanities Research Council of Canada, 1982-83

*Items in preparation for publication*


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 2016 "The Rise and Fall of Urban Economies: Lessons from San Francisco". Book review solicited by the *Journal of Regional Science*. Review due in May 2016. About 2,500 words in length.
*Sole authored books in progress*


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 2013b Miron, JR. *The Organization of Cities*. This is a book about the urban economy. It reviews and re-interprets fundamental theoretical (deductive) models that explain how the operation of markets in equilibrium shapes the scale and organization of the commercial city in a mixed market economy within a liberal state. The book reviews classic models of the urban economy that are based on the work of Alonso, DiPasquale & Wheaton, Getz, Herbert & Stevens, Hurd, Lowry, Mills, Muth, Ripper & Varaiya, and Schlager, among others. The antecedents to these models can be traced back to the work of Andrews, Beckmann, Christaller, Clark, Cooley, Haig, Leontief, Polanyi, Power, Reilly, Thünen, Samuelson, and Tiebout. These models link markets for the factors of production (e.g., land, labor, and capital), markets for investment and fixed capital formation (notably real estate), markets for transportation, and markets for exports (sales beyond the city) in equilibrium both within the urban economy and the rest of the world. In each case, the model "explains" the urban economy by revealing how assumptions (about causes and structures) lead to predictions about scale and organization outcomes. By contrasting these models, we can separate important assumptions from the unimportant; this allows us to focus on significant ideas. In envisaging markets, these models assume appurtenant property, contract, and civil rights. As befits the liberal state, such models also presume that individuals and firms are purposeful and have autonomy in these markets. These models raise questions about how and when does governance enable and facilitate markets, autonomy, and the urban economy in this way. The book argues that it is helpful to see governance (and hence the urban economy) as outcomes negotiated by (political) actors motivated by competing notions of commonwealth and aggrandizement. To date, 230,500 words completed; up from 149,000 in last year's annual report.
*Books and edited books published*


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 2010a Miron, JR. 2010. *The Geography of Competition: Prices, Firms, and Localization*. Springer Science+Business Media. ISBN 978-1-4419-5625-5. e-ISBN 978-1-4419-5626-2. xxiv, 456 pp.

Worldcat 409 libraries (25 April 2015).

*Reviews of this book*
 Eiselt, HA. 2011. *Journal of Regional Science* 51(3), 633-636.

 Kalafsky, R. 2011. *Urban Geography* 32(3), 448-448.

 Minerva, GA. 2012. *Scienze Regionali* 11(2), 141-144.

 Zhang, W-B. 2012. *Papers in Regional Science* 91(1), 238-240.
*E-book chapter downloads from publisher's website*

2014 2,424

2013 1,274

2012 354

2011 902

2010 716

*Cited in*
 Womble, P, & Doyle, M. 2012. *Harvard Environmental Law Review* 36(1), 229-296

 Abudaldah, N, et al. 2013. *Return of the Ice Cream Men*.

 Hayou, Z, & Wang, JC. 2013. *Economic Geography*

 Lester, TW, et al. 2013. *Journal of the American Planning Association* 79(4), 295-313

 Tinguely, X. 2013. *The New Geography of Innovation: Clusters, Competitiveness, and Theory*

 Caragliu, A, Del Bo, CF, Kourtit, K, & Nijkamp, P. 2015. *Annals of Regional Science*.

- 1993a Miron, JR. (ed.) 1993. *Habitation et milieu de vie: l'évolution du logement au Canada, 1945 à 1986*. McGill-University Press and Canada Mortgage and Housing Corporation. ISBN 0773511210. OCLC 29597318. French translation of 1993b. Worldcat 648 libraries (25 April 2015).  
Cited in  
Villeneuve, P. 1995. *Sociologie et Sociétés*  
Gendron, Y. 1999. *Revue d'histoire de l'Amérique française* 52(4), 533-561  
Reitsma-Street, M, et al. 2000. *Options en matière de politiques de logement urbain pour les femmes vivant dans la pauvreté: un projet de recherche-action dans trois villes canadiennes*  
Leloup, X. 2009. *Social Isolation without Segregation? The Case of Women Living in Scattered Public Housing in two Montréal Neighbourhoods*  
Atkin, CS. 2013. *Revitalizing Hamilton's Heart. Business Owners and the Prospects for King Street Downtown*  
Bendaoud, M. 2013. *La mixité comme forme d'innovation sociale: stratégies canadienne et européennes en matière de logements sociaux*
- 1993b Miron, JR. (ed.) 1993. *House, Home, and Community: Progress in Housing Canadians, 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. 454 p. ISBN 0773511210 OCLC 66149051. Worldcat 812 libraries (25 April 2015).  
Reviews of this book  
Howenstine, EJ. 1994. *Tijdschrift voor Economische en Sociale Geografie* 85(3), 284-285.  
Stephens, M. 1994. *Area* 26(4), 397-398  
Skelton, I. 1994. *Journal of the American Planning Association* 60(2), 282-283  
Mercer, J. 1995. *Urban Studies* 32(6), 1030-1032  
Cited in  
Bourne, LS. 1993. *Urban Studies* 30(8), 1293-1317.  
Cross, M. 1993. *Urban Studies*  
Meligrana, J. 1993. *Environment and Planning A* 25(7), 961-973  
Keshen, J, & Voisey, P. 1994. *Acadiensis* 23(2), 182-190  
Thorns, DC. 1994. *Housing Studies*  
Britton, HS. 1995. *Decentralization and Local Innovation*  
Halseth, G, & Rosenberg, M. 1995. *The Canadian Geographer* 39(4), 336-352  
Matthews, C, 1995. Economic and social factors behind housing alterations in Windsor, Ontario.  
Mensah, J. 1995. *Tijdschrift voor economische en sociale geografie* 86(4), 368-381  
Pomeroy, SP. 1995. *Housing Policy Debate* 6(3), 619-653  
Poulton, M. 1995. *Home Remedies*.  
Purdy, S. 1995. *Urban History Review* 23(2), 45-49.  
Smith, LB. 1995. *Home Remedies*.  
Steele, M. 1995. *Two Kinds of Canadian Housing Allowance*  
Miron, JR. 1996. *Urban Studies*  
Miron, JR. 1996. *Environment and Planning A* 28(11), 1997-2020  
Skelton, I. 1996. *Housing Studies*  
Bloomfield, GT, & Bloomfield, AV. 1997. *Great Lakes Geographer* 4(1)  
Carter, T. 1997. *Housing Policy Debate*  
Evensden, LJ. 1997. *Urban History Review* 25(2), 31-52.  
Fong, E 1997. *Canadian Studies in Population* 24(2), 103-123  
Harris, R. 1997. *Urban History Review* 25(2), 3-4.  
Kemp, PA 1997. *A comparative study of housing allowances*  
Skelton, I. 1997. *Geoforum* 28(1), 79-89  
Teixeira, C. 1997. *Great Lakes Geographer* 4(1)  
Wekerle, GR. 1997. *Women and the Canadian Welfare State*  
Crook, T. 1998. *Netherlands Journal of Housing and the Built Environment* 13(3), 327-352  
Harris, R. 1998. *Housing and Social Policy: A Historical Perspective on Canadian-American Differences*  
Rose, D, & Villeneuve, P. 1998. *Urban Geography*  
Wolfe, JM. 1998. *Housing Studies* 13(1), 121-133  
Colderley, CA. 1999. *Journal of Policy History* 11(3), 283-312  
McCann, L. 1999. *Changing Suburbs: Foundations, Form, and Function*  
Miron, JR. 1999. *Urban Geography*  
Danso, RK, & Grant, MR. 2000. *Canadian Ethnic Studies* 32(3), 19-43  
Dunn, JR. 2000. *Housing Studies* 15(3), 341-366.  
Harris, R. 2000. *Journal of Urban History* 26(4), 456-478  
Orr, S, 2000. *A Roof over our Heads: Affordable Housing and Urban Growth in Western Canada*  
Martin, MD. 2001. *Urban History Review* 30(1), 22-39.  
Miron, JR. 2001. *Urban Geography*  
Basu, R. 2002. *Journal of Planning Education and Research* 21(3), 274-284  
Buzzelli, M, & Harris, R. 2002. *Housebuilding in the Machine Age, 1920s – 1970s*  
Darden, JT. 2002. *Residential segregation and neighbourhood socioeconomic inequality*  
Darden, JT, & Kamel, SM. 2002. *Canadian Journal of Native Studies* 22(2), 239-267  
Hardill, I. 2002. *Gender, migration and the dual career household*.  
Klodawsky, F, et al. 2002. *The Canadian Geographer* 46(2), 126-143.  
Lessa, I. 2002. *Affilia* 17(3), 314-331.  
Arbuckle, G. 2003. *Readings in Canadian Real Estate*  
Bourne, LS. 2003. *Urban Geography* 24(4), 279-300  
Buzzelli, M, & Harris, R. 2003. *Housing Studies* 18(3), 369-386.  
Halseth, G, & Sullivan, L. 2003. *Geography Research Forum* 23, 138-168.  
Harris, R. 2003. *Canadian Geographer* 47(3), 338-350  
Bunting, T, Walks, AR, & Fillion, P. 2004. *Housing Studies* 19(3), 361-393  
Buzzelli, M. 2004. *Urban Geography*  
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- 2005b Miron, JR. 2005. Creeping Conformity: How Canada Became Suburban, 1900-1960. *American Historical Review*, October 2005, 1155-1156.  
Worldcat  
2,586 libraries (7/10/2010).
- 2003a Miron, JR. 2003. Low-income Homeownership: Examining the Unexamined Goal. *Urban Studies*, 40(1), 2327-2328.
- 2003c Miron, JR. 2003. Land Use Planning Made Plain. *Geomatica* 57(4), 429-430.
- 2002b Miron, JR. 2002. Housing: who decides? *Environment and Planning C: Government and Policy* 20(1), 152-153.
- 1999b Miron, JR. 1999. The Encyclopedia of Housing. *Regional Science and Urban Economics*, 29(5), 651-654.
- 1998ab Miron, JR. 1998. Households and housing: choice and outcomes in the housing market. *Environment and Planning A*, 30(4), 753-754.
- 1993i Miron, JR. 1993. The Maze of Urban Housing Markets: Theory, Evidence and Policy. *Environment and Planning A*, 25(7), 1053-1054.
- 1993j Miron, JR. 1993. Land and the City: Patterns and Processes of Urban Change. *Environment and Planning A*, 25(8), 1216-1217.

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*Other completed manuscripts*


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- 2007a Miron, JR. 2007. *The Cautious Farmer: Market Participation Under Uncertainty*. Paper presented at the annual North American meeting of Regional Science Association International, November 2007. Mimeo. 9 pages.
- 2006a Miron, JR. 2006. *Urban Sprawl and the Planning Efficiency Frontier*. Mimeographed. 27 pages.
- 2005a Miron, JR, and Kunz, IC. 2005. *Housing Situation and Social Policy: a Tale of Two Nations*. Mimeo, 22 pages.
- 2005c Miron, JR. 2005. *The Effect of Immigration on Household Formation in the Corporate Suburb: A Case Study*. Paper presented at the annual meeting of the Association of American Geographers. 2005. Mimeo. 34 pages
- 2003b Miron, JR. 2003. *Urban Sprawl in Canada and America: Just How dissimilar?* Paper presented at the annual meeting of the Association of American Geographers, New Orleans, March 2003. 34 pages.
- Cited in*
- |  |   |  |
|--|---|--|
| Derrible, S. 2003. <i>Canadian Journal of Civil Engineering</i> 39, 154-162        | Derrible, SJ. 2010. <i>The properties and effects of metro network designs</i> .      | Buehler, R, & Pucher, J. 2012. <i>Transport Reviews</i> 32(5), 541-567   |
| Pucher, J, & Buehler, R. 2006. <i>Transport Policy</i> 13(3), 265-279              | Derrible, SJ. 2010. <i>Canadian Journal of Civil Engineering</i>                      | Derrible, S. 2012. <i>Canadian Journal of Civil Engineering</i> 39, 154-162  |
| Pucher, J, & Buehler, R. 2007. <i>Plan Canada</i> 47(1), 13-17                     | Wollebaek, D. 2010. <i>Rural Sociology</i> 75(1), 144-166                             | Molinari, M. 2012. <i>La città che cambia: la diffusione urbana</i>  |
| Fina, S, & Siedentop, S. 2008. <i>Real Corp 008 Proceedings</i> , 489-501          | Zhang, Y, et al. 2010. <i>Journal of Land Use Sciences</i> 5(3), 217-235              | Akhtar, S, & Dhanani, MR. 2013. <i>Global Advanced Research Journal of Geography and Regional Planning</i> 2(7), 160-171 |
| Derrible, S, & Kennedy, C. 2009. <i>Transportation Research Record</i> 2112, 17-25 | Cogliati, J. 2011. <i>Regenerating Dross: a Campus for Sustainable Energy Systems</i> | Abobo, AM. 2014. <i>Is the Sprawling Urban Form Sustainable?</i>   |
- 2002d Miron, JR. 2002. *Variations in Population Density Within and Among North American Cities*. Paper presented at the annual meeting of Association of American Geographers, Los Angeles, March 2002. Mimeo
- 2001a Miron, JR, Steele, M, Haurin, D, Hendershott, P, Börsch-Supan, A, Laferrere, A, Muellbauer, J, MacCormick, J, and Yates, J. 2001. *Methods used abroad to support access to home ownership: a research survey*. Final report prepared for Canada Mortgage and Housing Corporation. 160 pages. OCLC 49892146.  
Worldcat 5 libraries (1/10/2010). Canada Mortgage and Housing Corporation, Dalhousie U, Library and Archives Canada, McMaster U, U Guelph
- Cited in*



- Ellis, L, & Andrews, D. 2001. *City Sizes, Housing Costs, and Wealth*
- Hanegbi, R. 2002. *Deakin Law Review* 7(2), 349-365.
- Mok, D. 2002. *Urban Studies* 39(7), 1095-1112
- Abbott, W. 2008. A Unique Approach to Allow Low-income Families the Opportunity to Gain Home ownership access through Alternative Financing.
- Atterhög, M, & Song, H-S. 2009. *Housing, Theory, and Society* 26(4), 248-270.
- Spilerman, S. 2011. *Social Science Research*.
- Spilerman, S and Wolff, FC. 2012. *Social Science Research* 41(2), 207-223.
- 2001d Miron, JR. 2001. *Comparing Massive Tesselations: A Linear Systems Approximation*. Paper presented at the annual meeting of the Association of American Geographers, New York, March 2001. Mimeo. 12 pages
- 2000a Miron, JR. 2000. *Renters and Their Housing Conditions: From the 1980s into the 1990s: A Retrospective*. Canada Mortgage and Housing Corporation. OCLC 50252638. 38 pages.  
Worldcat 6 libraries (1/10/2010). Canada Mortgage and Housing Corporation, Dalhousie U, McMaster U, U Guelph, U Manitoba, U Montreal  
Cited in  
Snell, A. 2011. *Affordable housing for the future*
- 2000b Miron, JR. 2000. *Renters and Their Housing Conditions: From the 1980s into the 1990s. A Retrospective; Background Technical Report*. Canada Mortgage and Housing Corporation. 161 pages.
- 1998a Miron, JR. 1998. *Causal Model Building and Analysis using GIS*. Mimeo September 1998. 22 pages.  
Cited in  
Basu, R. 2012. *Spatial Phronesis: a case study in geosurveillance*
- 1998ae Miron, JR. 1998. *Selection Bias in Housing Choices: Evidence for Canada*. Paper presented at the annual meeting of the Association of American Geographers, March 1998, Boston.
- 1998b Miron, JR. 1998. *Causal model building and analysis using GIS*. Paper presented at 1998 ERSA annual meeting, Vienna, Austria, August 1998.
- 1997c Miron, JR. 1997. *Competition and Neighborhood Assignment*. Paper presented at the annual meeting of the Association of American Geographers, Fort Worth, April 1997. 20 pages.
- 1995a Miron, JR. 1995. *Estimation of neighbourhood choice: a simulation experiment*. Paper presented at the Annual Meeting of the American Association of Geographers, Chicago, March, 1995.
- 1995b Miron, JR. 1995. *Domestic production, housing demand, and residential location*. Mimeo. 22 pages.
- 1994b Miron, JR. 1994. *Immiseration of the Baby Boom: Earnings, Cohort Size, and Female Workforce Participation*. Mimeo. 34 pages.
- 1994c Miron, JR. 1994. *Household Production and Residential Geography*. Paper presented at the annual meeting of the Association of American Geographers, April 1994. Mimeo.
- 1994d Miron, JR. 1994. *Domestic Production, Housing Demand, and Residential Location*. Paper presented at the annual North American meeting of Regional Science Association International. Mimeo
- 1993k Miron, JR. 1993. *Immiseration of the Baby Boom: Male Earnings, Cohort Size and Female Workforce Participation*. Mimeo. 30 pages.
- 1992a Miron, JR. 1992. *Report on the State of the Nation's Housing*. Final report submitted to Canada Mortgage and Housing Corporation, March 1992. 94 p.
- 1992d Miron, JR. 1992. *Immiseration of the baby boom: earnings, cohort size, and female workforce participation*. Mimeo. 32 pages.
- 1991a Miron, JR. 1991. *Immiserizing of the Baby Boom and Changes in Living Arrangement: Recent Evidence for Canada*. Paper presented at the North American Meeting of the Regional Science Association, New Orleans LA, 8 November 1991. 38 pages.
- 1990b Miron, JR. 1990. *Security of Tenure Issues and Cooperative Housing Tenure*. Paper prepared for Canada Mortgage and Housing Corporation, August 1990. 37 p.
- 1990c Miron, JR. 1990. *Canada's Postwar Housing Experience*. Paper presented at the annual meeting of the Association of American Geographers, April 1990. Mimeo. 20 pages.

- 1990d Miron, JR. 1990. *Living Arrangements and Housing Stock*. Paper presented at the annual North American meeting of Regional Science Association International. Mimeo.
- 1989a Miron, JR. 1989. *Slowing Growth of Housing Demand*. Paper presented to the North American Regional Science Association Meeting, Santa Barbara (Cal.), November 1989. 33 p.
- 1989b Miron, JR. 1989. *The Affordability Enigma*. Paper presented at the Canadian Population Society Meeting, Québec City, May 1989.
- 1989d Miron, JR, et al. 1989. *Housing Progress in Canada since 1945*. Draft manuscript for the Canada Mortgage and Housing Corporation, Ottawa
- Cited in*
- |   |   |  |
|---|---|--|
| Bourne, LS. 1989. <i>Canadian Geographer</i> 33(4), 312-328 | Ray, BK, & Moore, E. 1991. <i>Canadian Review of Sociology</i> 28(1), 1-29. | Forrest, R, & Murie, A. 1995. <i>Household and Family Wealth</i> |
|   | Thorns, DC. 1994. <i>Housing Studies</i>                                    | Bourne, L. 2002. <i>Canadian Geographer</i> 33(4), 312-328.      |
- 1988b Miron, JR. 1988. *The Condominium Sector in Ontario*. Mimeo
- Cited in*
- |  |  |
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| Skaburskis, A. 1988. <i>Canadian Journal of Regional Science</i>     | Steele, M. 1993. <i>Urban Studies</i> 30(1), 103-126     |
| Meligrana, J. 1993. <i>Environment and Planning A</i> 25(7), 961-973 | Rose, D. 2004. <i>Canadian Journal of Urban Research</i> |
- 1987b Miron, JR. 1987. *Housing Stock, Affordability, and Choice of Living Arrangements*. Paper presented to the Association of American Geographers Annual Meeting, Portland (Or.), April 1987. 32p.
- Cited in*
- Mostafa, A. 2008. *Rental Housing Provision Based on Affordability*
- 1983a Miron, JR. 1983. *The Decline of the Large Household: Implications for Housing Policy*. Final Report submitted to Canada Mortgage and Housing Corporation. 119p.
- Cited in*
- Weikum, GL. 1986. *Housing consumption of empty nest households*
- 1983f Miron, JR. 1983. *Demographic Change and Housing Demand in the 1980s and 1990s*. Paper presented at the New Neighbourhood Conference sponsored by the Ontario Ministry of Municipal Affairs and Housing, Toronto, January 1983.
- Cited in*
- Weikum, GL. 1986. *Housing consumption of empty nest households*
- 1982f Miron, JR. 1982. *A Cluster Analysis of Household Types*. Final Report to SSHRCC. Grant 410-81-0324. Mimeo. 60 pages.
- 1980a Miron, JR. 1980. *Migration and Job Creation*. Paper presented at the North American Regional Science Association Meeting, Milwaukee, November 1980. 26p.
- 1974d Miron, JR. 1974. *Economic Bases in the Theory of City Growth (Urban Systems and Economic Growth)*. Ph.D. dissertation. Department of Geography, University of Toronto
- 1972a Miron, JR. 1972. *Long-range Regional Employment Forecasting*. M.Sc.(pl.) Thesis. Toronto: Department of Urban and Regional Planning, University of Toronto. Mimeo. 244 pages.

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*Research Projects (completion date, title, sponsor, amount, principal Investigator, co-investigator)*

- |      |   |
|------|---|
| 2010 | Competitive location, the dynamics of industrial agglomeration, and multi-agent modeling. (Principal investigator: Professor Ying Ge, Hohai University, Nanjing)                              |
| 2004 | Immigration and household formation in Peel Region, Peel Region Planning Department, \$10,000, self, none   |
| 2004 | Selection bias and spatial choice models, SSHRCC, \$42,000, self, none  |
| 1999 | Methods used abroad to support access to home ownership: a research survey, CMHC, \$83,000, Steele and panel of seven experts drawn from Germany, France, UK, US, New Zealand, and Australia. |
| 1999 | Neighbourhood choice and change, SSHRCC, \$54,000, self, none   |

- 1999 Renters and their housing; from the 1980s to the 1990s CMHC, \$45,000, self, none
- 1994 Modeling of living arrangements: theory and estimation, SSHRCC, \$30,000, self, none
- 1991 State of the Nation's Housing Report, CMHC, \$64,786, self, none
- 1991 The Slowing Growth of Housing Demand: An Empirical Examination of Causes and Consequences, SSHRCC, \$23,300, self, Steele
- 1990 Security of Tenure and Non-profit Housing Co-operatives, CMHC, \$10,000, self, none
- 1989 Housing Progress in Canada Since 1945, CMHC, \$212,000, self, 23 others
- 1985 Research Design for the Research Project 'Housing Progress in Canada: 1945-1984', CMHC, \$5,000, self, none
- 1985 Housing Stock, Affordability, and Choice of Living Arrangements, SSHRCC, \$11,500, self, none
- 1984 The Security of Tenure Benefit of Rent Review, Tenant Umbrella Group, \$1,000, self, none
- 1984 Rent Regulation as a Policy Instrument for Alleviating the Housing Affordability Problem, Thom Commission (Residential Tenancies), \$10,000, Steele, none
- 1983 Housing Affordability and Willingness to Pay, CMHC, \$13,000, self, none
- 1982 Demand Sensitivity to Price Change in the Rental Housing Market (A Research Design Proposal), CMHC, \$5,000, self, none
- 1982 The Decline of the Large Household: Implications for Housing Policy, CMHC, \$11,700, self, none
- 1982 A Cluster Analysis of Household Types, SSHRCC, \$6,900, self, none
- 1981 Who Benefits From, and Who Pays For, Rent Review, Ontario Ministry of Housing, \$19,900, self, Culling-worth
- 1981 Empty Nester Profiles, CMHC, \$10,000, self, Schiff
- 1981 The Two-person Household: Formation and Housing Demand, CMHC, \$8,500, self, none
- 1980 Vacancy Chain Model of Metropolitan Expansion, SSHRCC, \$4,800, self, none
- 1979 The Rise of the One-person Household: Implications for Planning, Ontario Ministry of Housing, \$6,700, self, none
- 1978 Demographic Change and Housing Demand, Centre for Urban and Community Studies, \$3,800, self, none
- 1977 Dynamics of Commuting and Net Migration in the Metropolitan Fringe, Transport Development Agency, \$4,400, self, none

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*Primary supervisor of Ph.D. Students*

Suttor, Greg. Rental Housing Policy. Started in 2007; terminated in 2010. Currently Ph.D. candidate, Department of Geography, University of Toronto.

Fang, Limin. Location Theory. Started in 2006; terminated in 2009. Currently Ph.D. candidate, Department of Economics, University of Toronto.

Penfold, R. Uncertainty, Risk, and Location. Started in 1997; completed October 2004. Currently Assistant Investigator, GroupHealth Research Institute, Seattle WA USA.

Mok, Diana. Real Estate Liquidity Risks, Price Risks, and Cities. Started in 1998; completed September 2002. Currently Associate Professor, Department of Geography, University of Western Ontario.

Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvjergian Perspective on School Closings in Toronto. Started in 1997; completed September 2002. Currently Associate Professor, Department of Geography, York University, Toronto, Canada.

Wang, James Jixian. Activity analysis of travel demand, and household structure, Started in 1992; completed 1995. Currently, Head of Department and Associate Professor, University of Hong Kong.

McKeown, Larry E. Urban public transit subsidies: theory and policy analysis with an assessment of commuter rail in the greater Toronto area. Started in 1986; completed in 1990. Currently Senior Research Analyst, Statistics Canada, Ottawa, Canada.

Lo, Pui-Chun Lucia. Spatial structure and consumer preferences: a translog model of shopping demand (honourable mention, AAG Nystrom award for best dissertation in Geography, 1990). Started in 1984; completed 1988. Currently Professor, Department of Geography, York University, Toronto, Canada.

*Primary supervisor of Masters' Students*

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Schaefer, Thilo. MA research paper supervisor. City and Political Thought. Started in 2013. Completed 2014.

Serenius, Ana. MA research paper supervisor. Power, petroleum, and poverty: explaining inequality with power in exchange. Started in 2011; completed 2012.

Oneka, Goldameir. MA research paper supervisor. Extra, extra, read all about it: Toronto print news media coverage of Type 2 diabetes. Started in 2010; completed 2010.

Maarenen, Richard. MSA research paper supervisor. Started 2000; completed 2001.

Babulal, Deborah. M.Sc. (pl). Can new urbanism provide an important source of affordable accessory housing? Started in 2000; completed 2001.

Collins, Helen. M.Sc. (pl). Funding GO Transit: the Question of Municipal Cost-sharing, Started in 1999; completed 2000.

Iverson, John. M.Sc. (pl). A Policy Framework for Second Suites for the Town of Markham, Started in 1999; completed 2000.

Lan, Carolin. M.Sc. (pl). New Format Retail Developments in the Greater Toronto Area, Started in 1999; completed 2000.

Ng, Mimi. M.Sc. (pl). Home Sweet Home? An Evaluation of Condominium Tenant Rights under Current Legislation. Started in 1998; completed 1999.

Wu, Stella. M.Sc. (pl). Empty nesters and their housing. Started in 1998; completed 1999.

Bylev, Gleb. MA. A Statistical and Geographical Analysis of Ethnic Segregation and Diversity in Toronto. Started in 1998; completed 1999.

Canzi, Michael. M.Sc. (pl). GO financing and cost-sharing. Started in 1997; completed 1998.

Skinner, Justin. M.Sc. (pl). GIS and Planning. Started in 1997; completed 1998.

Kosciuk, Renata. M.Sc. (pl). A Condominium Conversion Policy for Scarborough. Started in 1997; completed 1998.

McCammond, Julia. M.Sc. (pl). An analysis of the growing trend towards public/private partnership involvement in the construction of large scale infrastructure projects. 43 p. Started in 1996; completed 1997.

Basu, Ranu, MA, Neighbourhood political action, Started in 1995; completed 1997.

Kueper, Beverly, MA, The changing living arrangements of youth: from residential independence back to the parental home, Started in 1994; completed 1995.

Kuczynski, Roman, MA, The concept of neighbourhood quality. Started in 1993; completed 1994

Sigurdsson, Haraldur, M.Sc. (pl), Transit service and planning practice in Reykjavik: an analysis of past trends and current directions, Started 1992; completed 1993.

Cornish, Sue, M.Sc.(pl), An implementation analysis of the Canada Rental Supply Plan: a potential need for local housing market data. Started in 1985; completed 1986.

Brunet, Laurien, M.Sc.(pl), Corvée-Habitation, a housing policy: methodology for evaluation, Started in 984; completed 1985

Braide, Mary Jane D, MA, Capacity expansion planning: an analysis of the location and timing of investment. Started in 1983; completed 1984.

Covert, Dwayne Lee, MA, Estimating the value of travel time: a review of the conceptual approaches and statistical techniques. 119, vii, Research paper supervisor, Started in 1981; completed 1982

Ardagh, Paul. MA. An econometric model of metropolitan Toronto, Queen's University. Started in 1974; completed 1976.

*Courses ever taught at the University of Toronto*

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CIT B08H	The economy of cities
CIT C03H	Real estate and the city (formerly GGR B10H)
GGR 1500H	Core course in Human Geography
GGR 1605H	Location theory
GGR 1649H	Economic geography
GGR 325H	Location
GGR 370H	Matrix models
GGR 400H	Special topics in Geography
GGR A30H	GIS and empirical reasoning (formerly SOS A01H)

GGR B02Y	Introduction to quantitative analysis
GGR B05Y	Introduction to urban geography
GGR B06H	Planning in Canada
GGR B10H	Real estate and the city
GGR B20Y	Introduction to regional science
GGR B27H	Location and spatial development (formerly JEG B27H)
GGR B31H	Introduction to data analysis
GGR C02H	Population geography
GGR C04H	Residential geography
GGR C18H	Urban transportation policy analysis
GGR C24H	Advanced quantitative methods
GGR C27H	Location and spatial development (formerly GGR B27H)
GGR C27Y	Regional science and city planning
GGR C31H	Metropolitan development and planning
JEG B27H	Location and spatial development
JPG 1507H	Housing and housing policy
JPG 1607H	Geography of Competition
PLA 1102H	Urban and regional modeling
PLA 1553H	Urban transportation planning
SOS A01H	GIS and empirical reasoning
URP 1177H	Urban transportation planning

*Courses taught (year, course, title, percent responsibility, regular load/ stipend), administrative duties, graduate supervision at the University of Toronto, and professional activities*

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*Citations of my work by others in 2016*

Vu, MTT. 2016. *Asian Social Science*.

2015-16

*Work completed*

While on research leave for the year, I had five major activities.

First, I have just about completed my book project, "The Organization of Cities". This book, almost 6 years in the making, is my attempt to re-interpret and synthesize mainstream economic thought about how markets organize cities. Because I am on leave for the year, the absence of distractions gave me the time to concentrate on important intellectual questions. An outline of the book is attached to this Report.

Second, I have completed another year as editor of the Canadian Journal of Regional Science. The Journal publishes articles in English or French. It has a good reputation in France and we regularly get submissions from France as well as elsewhere in the Francophonie on that basis. My job is basically one day a week. I really enjoy interacting with authors, seeking out strong reviewers, pushing authors to think harder about questions in their revisions, and being intellectually aggressive in editing accepted papers. We have a low acceptance rate: only about 25%. However, I am proud that our reviewers are carefully chosen and do the kind of fine reviews that help authors to think about valuable revisions to their papers.

Third, I organized 12 sessions (60 presentations in total) for the annual meeting of the Association of American Geographers. The sessions were all on the theme of "The Economy of Cities"; topics included big data in cities, vehicular transportation, active transportation, environmental impacts, the business of cities, planning for cities, governance and governmentality, and rethinking the city economy. I started doing this in 2014 with 5 sessions (20 presenters). My idea is to draw together at the AAG those people whose work also fits comfortably within Regional Science. It gives them the opportunity to meet like-minded scholars in their session. I also use it as an opportunity to spread the word about our journal (CJRS) and encourage authors to submit papers to it. After each presentation, I raised a question to help the author think about an angle of interest to regional scientists. In one of those sessions, I presented Chapter 4 from my manuscript (The Mills model).

Fourth, I chaired a session (Urban Economic Theory I) and presented a paper at the North American meetings of the Regional Science Association. My presentation, "The state, the city, and the market economy", was drawn from Chapter 1 of my book manuscript. At RSA, each presentation has to be written and is discussed by another expert in the field. My reviewer was Philip Ushchev, an up-and-coming economist.

Fifth, I supervised an undergraduate student, Fion Trinh, in CIT D30. Her term paper, entitled "Democracy – An Ineffective Model of Just Governance" was an argument based on three books: Plato's *The Republic*, Mann's *The Sources of Social Power* (Vol 1), and Fukuyama's *The Origins of Political Order*. Ideas from these three books run through Chapter 1 of my manuscript. As a student in Philosophy and City Studies, Fion was in a good position to think about the nature of democracy as a decentralization of authority.

*Citations of my work by others in 2015*

- Caragliu, A, Del Bo, CF, Kourtit, K, & Nijkamp, P. 2015. *Annals of Regional Science*.  
 Careless, J. 2015. Tracking evolutions in CMHC policy (1965-2006) using Bob Jessop's strategic relational state theory  
 Haan, M, & Yu, Z. 2015. *Household formation and homeownership*  
 Kopper, C, & Moraglio, M. 2015. *The Organization of Transport*  
 Li, JV. 2015. *Recent trends on housing affordability research*  
 McDonald, HM. 2015. *The Rental Housing Index*  
 Poole, C. 2015. *Conspicuous peripheries: black identity, memory, and community in Chatham, ON, 1860-1980*.  
 Teixeira, C, & Li, W. 2015. *The Housing and Economic Experiences of Immigrants in US and Canadian Cities*

*Courses taught*

None. On leave July 2015 - June 2016

*Graduate supervision*

Austin Zwick, committee member

*Undergraduate supervision*

- He, Pinky (Jiewen). 2015. GGRD31. Mapping cleaners in Toronto Region  
 Peng, Chris (Maxiongyi). 2015 . GGRD01. Mapping cleaning establishments in Toronto, 1971-2014  
 Trinh, Fion. 2016. CTD30. Democracy—an ineffective model of just governance

*Editing and refereeing*

- Editor in chief, Canadian Journal of Regional Science. Jan 2011 - Dec 2016  
 MITACS College of Reviewers 2013-  
 PLOS ONE  
 SSHRCC

*Administrative*

None. On leave July 2015 - June 2016

*Lectures and presentations*

Miron, JR. "The state, decentralization and entitlement, and the economy of cities". Sole-authored written paper presented at the Regional Science Association North American Meeting, Portland OR, November 2015

Miron, JR. "The state, decentralization and entitlement, and the economy of cities". Sole-authored paper presented orally at the Association of American Geographers Annual Meeting, San Francisco CA, March 2016

*Workshops organized and sessions chaired.*

Chaired a session, Urban Economic Theory I, at the North American Meeting of the Regional Science Association (Portland OR), November 2015

Organized 12 sessions on The Economy of Cities. Annual Meeting of the Association of American Geographers (San Francisco), March 2016

**2014-15***Citations of my work by others in 2014*

- Abobo, AM. 2014. *Is the Sprawling Urban Form Sustainable?*  
 Arnott, R, & Shevyakhova, E. 2014. *Regional Science and Urban Economics* 47, 72-85  
 Buck, R. 2014. *Influences of power on suppliers' adaptation for sustainability-a dyadic perspective*  
 Clifford, BK. 2014. *Mortgaging the future: the financialization of affordable housing in Canada*.  
 Guan, M. 2014. *International Journal of Migration and Residential Mobility* 1(1), 50-71.  
 Jones, AG. 2014. *Making do with less: the housing experiences of single mothers in Kelowna's rental housing market*  
 Knoll, K, & Schularick, M. 2014. *No Price Like Home: Global House Prices, 1870-2012*.  
 Lin, W, & Kao, D. 2014. *European Journal of Operation Research* 238(1), 208-220  
 Orrù, E. 2014. *Student mobility policies in the European Union: the case of the Master and Back programme: private returns, job matching and determinants of return migration*  
 Quintana, J, et al. 2014. *Congreso Internacional Ciudad y Territorio Virtual*. 1503-1526.  
 Suttor, GLF. 2014. *Canadian Social Housing: Policy Evolution and Impacts on the Housing System and Urban Space*  
 Tequame, M. 2014. *Coping with social transformation*

*Geography of Competition* e-book chapter downloads from publisher's website in 2014 2,424

*Courses taught*

- GGR A30H3. GIS and Empirical Reasoning  
 GGR B08H3. Economy of Cities  
 GGR C27H3. Location and Spatial Development  
 JPG 1670H1. Geography of Competition

*Graduate supervision*

Schafer, Thilo, M.A. supervisor.

Lau, Rebecca. MSc(pl) CIP 2<sup>nd</sup> reader

*Editing and refereeing*

Editor in chief, Canadian Journal of Regional Science. Jan 2011 - Dec 2016

MITACS College of Reviewers 2013-

*Administrative*

Member, Promotion to Senior Lecturer Committee, UTSC Human Geography

Internal Reader, Promotion to Full Professor, Department of Geography and Planning

Member, UTSC Human Geography Curriculum Committee

Member, UTSC City Studies Committee

Member, UTSC Academic Affairs

Member, OGS committee, Graduate Department of Geography

Dean's assessor, UTSC ACM tenure stream search, Journalism

Dean's assessor, UTSC ACM tenure stream search, Finance

*Lectures and presentations*

Miron, JR. Risk, Fear, Property, Markets, Hope, and the Economy of Commercial Cities. Paper presented at the Regional Science Association North American Meeting, Washington DC, November 2014

Miron, JR. Risk, Fear, Property, Markets, Hope, and the Economy of Commercial Cities. Department of Human Geography Speaker Series, UTSC, January 2015

Miron, JR. The State and the Economy of Cities. Paper presented at the Association of American Geographers Annual Meeting, Chicago IL, April 2015

*Workshops organized and sessions chaired.*

Organized and chaired a session on The Economy of Cities. Annual Meeting of the Association of American Geographers (Chicago), April 2015

**2013-14***Work completed*

2014a Ge, Y, & Miron, JR. Urban system, growth machines, and K-functions. Journal article in preparation. Draft paper completed. Mimeo. 25 pages.

2014b Miron, J, & Ge, Y. K-functions: a beginner's guide. Journal article in preparation. Currently planning structure of paper.

2013a Miron, JR. Under consideration. Economic Experiences of Immigrants in Canada and the United States. In Teixeira, C, and Li, W, *The Housing and Economic Experiences of Immigrants in North American Cities*. Under review by UofT Press. Mimeo. 22 p.

2013b Miron, JR. 2011. *The Organization of Cities*. Drafts of 8 chapters completed: 115,000 words.

Over the year that began 1 May 2013, I continued work on this book. The book will show how we can use ideas about the city as a market—for labor, for land, for real estate, for capital, for transport, and for exports—to understand how and why cities get organized. I had already completed stand-alone drafts of eight chapters by May 2013: about 105,000 words. Since then, I have added stand-alone drafts of one more chapter: the manuscript now totals about 115,000 words. I anticipate the book will be about 12 chapters (200,000 words) in total when finished. My plan is to spend one more year writing stand-alone drafts of the final four chapters. I am allowing up to one more year after that to integrate themes across the chapters.

2013c Miron, J.R. *Spatial Analysis Handbook*. The academic discipline of Geography has been said to be the study of difference across space and place. The purpose of this book is to present a way of thinking about how geographic thought gets constructed from empirical analysis. 80,000 words completed to date. About one-third completed so far.

*Citations of my work by others in 2013*

Abudaldah, N, et al. 2013. *Return of the Ice Cream Men*

Akhtar, S, & Dhanani, MR. 2013. *Global Advanced Research Journal of Geography and Regional Planning* 2(7), 160-171

Atkin, CS. 2013. *Revitalizing Hamilton's Heart. Business Owners and the Prospects for King Street Downtown*

Basuki, IR. 2013. *Journal Teodolita*

Bendaoud, M. 2013. *La mixité comme forme d'innovation sociale: stratégies canadienne et européennes en matière de logements sociaux*

Bunce, DM. 2013. Housing cooperatives: the lived experience in an alternative tenure.

Castro, E, & Marques, J.L. 2013. *Fatores determinantes da procura de habitação em Portugal*

Chatterjee, RS, & Chatterjee, B. 2013. *International Journal of Property Sciences* 3(1)

De Jong, GF, et al. 2013. *Migration decision making: multidisciplinary approaches to microlevel studies in developed and developing countries*

Foran, M. 2013. *Development Derailed: Calgary and the CPR, 1962-64.*

Francois-Seeneey, DJ. 2013. Macrodeterminants of labor migration from CEE accession countries to select EU countries

Hayou, Z, & Wang, JC. 2013. *Economic Geography*

Kanemoto, Y, & Miyao, T. 2013. *Urban Dynamics and Urban Externalities*  
 King, CN. 2013. *Housing Finance Innovation and How Canadians May Evaluate Homeownership as a Critical Asset Allocation*.  
 Krider, RE, & Putler, DS, 2013. *Geographical Analysis*  
 Lester, TW, et al. 2013. *Journal of the American Planning Association* 79(4), 295-313  
 Mach, H, & Kanaroglou, P. 2013. *Employment Location in Cities and Regions*.  
 Martin, G. 2013. *Manufacturing “home”: Sustainability Discourses in Suburban Ottawa*.  
 McCluskey, WJ, et al. Prediction accuracy in mass appraisal: a comparison of modern approaches. *Journal of Property Research* 30(4).  
 Newbold, KB. 2013. *Population Geography: Tools and Issues*  
 Painter, G, & Yu, Z. 2013. *Urban Studies*  
 Pilkauskas, NV, et al. 2013. *Doubling up as a private safety net for families with children*.  
 Rose, D, et al. 2013. *International Journal of Urban and Regional Research* 37(2), 430-450  
 Scrivens, A. 2013. In neoliberal times: how non profit organizations are responding to housing need and affordability in Ottawa  
 Tinguely, X. 2013. *The New Geography of Innovation: Clusters, Competitiveness, and Theory*  
 Wheeler, DC, et al. 2013. *Papers in Regional Science*  
 Wong, SK, et al. 2013. *Journal of Real Estate Finance and Economics*.  
 Youyinlide et al. 2013. *International Urban Planning*  
 Yousuf, T, et al. 2013. *European Academic Research* 1(5), 770-782  
*Geography of Competition E-book chapter downloads from publisher’s website in 2013* 1,274

#### Courses taught

GGR A30H3. GIS and Empirical Reasoning  
 GGR B08H3. Economy of Cities  
 CIT C03H3. Real Estate and the City  
 JPG 1670H1. Geography of Competition

#### Graduate supervision

Schafer, Thilo, M.A. supervisor.

#### Editing and refereeing

Editor in chief, *Canadian Journal of Regional Science*. Jan 2011 - Dec 2016  
 MITACS College of Reviewers 2013-

#### Administrative

Member, Tenure Stream Search Committee, UTSC Human Geography  
 Member, Lecture Stream Search Committee, UTSC Human Geography  
 Member, UTSC Human Geography Curriculum Committee  
 Member, PTR Committee, Department of Human Geography, May-June 2013  
 Member, UTSC Academic Committee  
 Member, OGS committee, Graduate Department of Geography  
 Chair, PhD oral exam, OISE/UT: Nenad Radakovic, 12 Dec 2013  
 Dean’s assessor, UTSC ACM tenure stream search, Journalism. April 2014.

#### Lectures and presentations

*Export-based models of an urban economy with multiple industries*. Annual Meeting of the Association of American Geographers (Tampa), April 2014

*Export-based models of an urban economy with multiple industries*. North American Meeting of the Regional Science Association (Atlanta), November 2013

*Maps, spatial analysis, and human geography*. College of Environmental Engineering, Hohai University, Nanjing, China. 13 May 2013

*Maps, spatial analysis, and human geography*. Department of Geography, Nanjing University, Nanjing, China. 15 May 2013

#### Workshops organized and sessions chaired.

Organized and chaired five sessions (20 papers) on The Economy of Cities. Annual Meeting of the Association of American Geographers (Tampa), April 2014

Chaired session on *Urban Structural Dynamics*. North American Meeting of the Regional Science Association (Atlanta), November 2013

#### 2012-13

##### Work completed

2013a Miron, JR. Under consideration. Immigration as a risky venture: job and opportunity, housing career, saving, and coping. In Teixeira, C, and Li, W, *The Housing and Economic Experiences of Immigrants in North American Cities*. Under review by UoF Press. Mimeo. 22 p.

2013b Miron, JR. 2011. *The Organization of Cities*. Drafts of 8 chapters completed: 105,000 words.

Over the year that began 1 May 2011, I continued work on this book. The book will show how we can use ideas about the city as a market—for labor, for land, for real estate, for capital, for transport, and for exports—to understand how and why cities get organized. The approach is to formulate models of increasing complexity that help us identify key assumptions in thinking about the



economic functioning of cities. I had already completed stand-alone drafts of four chapters by May 2011: about 60,000 words. Since then, I have added stand-alone drafts of four more chapters: the manuscript now totals about 105,000 words. I anticipate the book will be about 12 chapters (200,000 words) in total when finished. My plan is to spend one more year writing stand-alone drafts of the final four chapters. I am allowing up to one more year after that to integrate themes across the chapters.

2013c Miron, J.R. *Spatial Analysis Handbook*. The academic discipline of Geography has been said to be the study of difference across space and place. As such, this discipline is fundamentally empirical (inductive). However, the nature of induction in Geography has not been well thought out. GIS, for example, has emerged primarily as a set of methods and tools. Spatial analysis, which dates back to an earlier time, does pay more attention to the role of model construction in geographic understanding. Using a set of case studies, the purpose of this book is to present a way of thinking about how geographic thought gets constructed from empirical analysis. 73,000 words completed to date. About one-quarter completed so far.

#### *Citations of my work by others in 2012*

- Anderson, WP. 2012. *Economic Geography*.  
 Axisa, JJ, et al. 2012. *Area* 44(3), 344-355.  
 Basu, R. 2012. *Spatial Phronesis: a case study in geosurveillance*  
 Belanger, YD, et al. 2012. *Housing and Aboriginal People in Urban Centres*.  
 Buehler, R, & Pucher, J. 2012. *Transport Reviews* 32(5), 541-567.  
 Couvrette, S. 2012; *Recherches sociographiques*  
 Derrible, S. 2012. *Canadian Journal of Civil Engineering* 39(2), 154-162  
 Després, C, et al. 2012. *Requalifying aging suburbs to counter urban sprawl*  
 Gill, AP. 2012. *Changing Marketing Strategies in Canadian Home Building*.  
 Lewis, D. 2012. *Technology vs the Family*.  
 Lo, Y. 2012. *Factors Affecting Spatial Autocorrelation in Housing Prices: an Empirical Study of Hong Kong*  
 McArthur, DP, Osland, L, & Thorsen, I. 2012. *Regional Studies* 46(5), 597-610.  
 Maass, S. 2012. *Rent control: a comparative analysis*.  
 Maass, S. 2012. *Public Law* 27(2), 652-670.  
 Maass, S. 2012. *Potchefstroomse Electroniese Regsblad* 15(4), 41-100.  
 Majid, R, et al. 2012. *Journal of Surveying*  
 Mallach, A. 2012. *Private rental landlords: North America. International Encyclopedia of Housing and Home*.  
 Marques, J. et al. 2012. *Methods and Models for Analysis of the Urban Housing Market*  
 Mennill, SE. 2012. *Prepping the Cut*.  
 Minerva, GA. 2012. *Scienza Regionali* 11(2), 141-144.  
 Molinari, M. 2012. *La città che cambia: la diffusione urbana*  
 Moos, M 2012. *Housing and location of young adults, then and now*.  
 Odoom, HS. 2012. *Ethnic Markets in the American Retail Landscape*.  
 Painter, G, & Yu, Z. 2012. *Caught in the Housing Bubble*.  
 Qi, C, et al. 2012. *Development and enlightenment of social housing in Canada (加拿大社会保障住房的发展及其启示)*.  
 Soucie, R. 2012. *So long little white fence?*  
 Spilerman, S. 2012. *Social Science Research* 41(2), 207-223.  
 Vernazza, D. 2012. *Essays on the causes of migration*  
 Wagner, F, & Caves, R. 2012. *Community Livability*  
 Werner, H. 2012. *Imagined Homes: Soviet German Immigrants in Two Cities*.  
 Womble, P, & Doyle, M. 2012. *Harvard Environmental Law Review* 36(1), 229-296  
 Wong, VYH. 2012. *How Do Social Housing Locations Impact Transit Use in Family Households in the Cities of Vancouver and Burnaby?*  
 Wong, SK, et al. 2012. *Journal of Real Estate Finance and Economics*  
 Yu, Z, & Haan, M. 2012. *Ethnic and Racial Studies* 35(7), 1311-1337  
 Zhang, W-B. 2012. *Papers in Regional Science* 91(1), 238-240.

*Geography of Competition e-book chapter downloads from publisher's website in 2012* 354

#### *Lectures and presentations*

*Land-use planning and the organization of cities*. North American Meeting of the Regional Science Association (Ottawa), November 2012

*Maps, spatial analysis, and Human Geography*, UTSC Widen Seminar (Toronto), November 2012

*Land-use planning and the organization of cities*. Department of Human Geography seminar (Toronto), January 2013

*Land-use planning and the organization of cities*. Annual Meeting of the Association of American Geographers (Los Angeles), April 2013

#### *Courses taught*

- GGR A30H3. GIS and Empirical Reasoning  
 GGR C27H3. Location and Spatial Development  
 CIT C03H3. Real Estate and the City  
 JPG 1670H1. Geography of Competition

#### *Graduate supervision*

Serenius, Ana, M.A. supervisor.

#### *Editing and refereeing*

Editor in chief, *Canadian Journal of Regional Science*. Jan 2011 - Dec 2016

MITACS College of Reviewers 2013-  
Reviewer of book proposal for Oxford University Press

*Administrative*

Chair, Department of Geography Promotion Committee  
Member, Tenure Committee, Professor Ken MacDonald  
Member, Chair Search Committee, UTSC Human Geography  
Member, UTSC Human Geography Curriculum Committee  
Coordinator, TA hiring  
Member, PTR Committee, Department of Social Sciences, May-June 2012

2011-12

*Publications and work completed*

2012a Miron, JR. 2011. *The Organization of Cities*. Drafts of 8 chapters completed: 105,000 words.

Over the year that began 1 May 2011, I continued work on this book. The book will show how we can use ideas about the city as a market—for labor, for land, for real estate, for capital, for transport, and for exports—to understand how and why cities get organized. The approach is to formulate models of increasing complexity that help us identify key assumptions in thinking about the economic functioning of cities. I had already completed stand-alone drafts of four chapters by May 2011: about 60,000 words. Since then, I have added stand-alone drafts of four more chapters: the manuscript now totals about 105,000 words. I anticipate the book will be about 12 chapters (200,000 words) in total when finished. My plan is to spend one more year writing stand-alone drafts of the final four chapters. I am allowing up to one more year after that to integrate themes across the chapters.

*Citations of my work by others in 2011*

Abeyasinghe, T, & Gu, J. 2011. *Urban Studies* 48(9), 1875-1891.  
Chen, P, et al. 2011. *Construction Economics*  
Cogliati, J. 2011. *Regenerating Dross: a Campus for Sustainable Energy Systems*  
Cummer, J. 2011. *Homeownership: a comparative study of the Canadian and American housing models*.  
Deffains, B. 2011. *Review of Law and Economics* 7(1), 243-263.  
Eiselt, HA. 2011. *Journal of Regional Science* 51(3), 633-635.  
Greaves, A. 2011. *Urban Regeneration in Toronto*. Queen's U M.A.  
Guan, M. 2011. *Journal of South Central University (Social Science)* 17(1).  
Joo, Y, et al. 2011. *IARC Journal*. 39-44  
Hulse, K, Milligan, V, & Easthope, H. 2011. *Secure occupancy in rental housing. AHURI Final Report 170*.  
Kabir, T. 2011. *Factors affecting slum resettlement projects in Bangladesh*.  
Kalafsky, R. 2011. *Urban Geography* 32(3), 448-448.  
MacLachlan, I. 2011. *Quantitative Analysis*.  
McArthur, DP, Osland, L, & Thorsen, I. 2011. *Regional Studies*, 1-14.  
Murray, KM. 2011. *British Columbian Quarterly*  
Newbold, KB. 2011. *Canadian Journal of Urban Research* 20(1), 131-149.  
Odabas, D. 2011. *The effect of macroeconomic factors in housing prices*  
Roussey, L. 2011. *Analyse économique des moyens et de l'organisation de la justice*.  
Snell, A. 2011. *Affordable housing for the future*  
Spilerman, S. 2011. *Social Science Research*.  
Willcocks, CA. 2011. *Encouraging Family-Friendly Condominium Development*  
Zhao, J. 2011. *Optimising representational mix in multi-representational geovisualisation contexts*  
Zhou, Y, & Haan, M. 2011. *Ethnic and Racial Studies*

*Geography of Competition e-book chapter downloads from publisher's website in 2011* 902

*Lectures and presentations*

*Export-based urban economy with one industry*. Virtual Conference: Canadian Regional Science Association (CRSA/ACSR), December 2011  
*Export-based urban economy with one industry*. Regional Science Association, North American meeting, Miami FL, November 2011  
*Markets and the organization of cities*. Association of American Geographers, Annual meeting, New York NY, February 2012

*Courses taught*

GGR A30H3. GIS and Empirical Reasoning  
GGR C27H3. Location and Spatial Development  
CIT C03H3. Real Estate and the City  
JPG 1607H1. Geography of Competition

*Undergraduate supervision*

Zheng, Wenjuan. GGRD01H. Sociological definition of the city: Weber and Fischer's perspective

*Graduate supervision*

Serenius, Ana, M.A. supervisor.

Luo, Yi. Second reader on M.Sc.(pl.) current issues paper

*Editing and refereeing*

Editor in chief, Canadian Journal of Regional Science. Jan 2011 - Dec 2016

*Administrative*

Department of Social Sciences Promotion Committee

Department of Social Sciences Senior Lecturer II Advancement Committee: Hostovsky

Department of Social Sciences PTR Committee

Department of Geography and Planning Promotion Committee

Chair, Ph.D. dissertation examination, Rotman School, Yanak

Chair, OGS Provincial Panel 69: PhD scholarships

Represented Geography at the UTSC March Applicant Showcase

**2010***Publications and work completed*

2011a Miron, JR. 2011. *The Organization of Cities*. Drafts of 4 chapters completed: 60,000 words.

Over the year that began 1 May 2010, I started work on my new book: *The Organization of Cities*. The purpose of the book is to show how we can use ideas about the city as a market—e.g., a market for labor, a market for land, a market for real estate, a market for capital, and a market for exports—to better understand how and why cities get organized. The approach is to formulate models of increasing complexity that help us identify key assumptions in thinking about the economic functioning of cities. In the process, I hope to integrate thought from urban geography, urban economics, and urban sociology and to show implications for urban planning and public policy. I anticipate the book will be about 12 chapters in total when finished.

*Citations of my work by others in 2010*

Axhausen, KW, & Horni, A. 2010. *Destination Choice Modeling for Discretionary Activities*

Casetti, E. 2010. *Handbook of Applied Spatial Analysis*. 487-505.

Conway, D, et al. 2010. *Journal of Real Estate Finance and Economics* 41, 150-169.

Derrible, SJ. 2010. *Canadian Journal of Civil Engineering*

Derrible, SJ. 2010. The properties and effects of metro network designs. U Toronto Ph.D.

Getis, A. 2010. *Handbook of Applied Spatial Analysis*. 255-278.

Guth, D, et al. 2010. *Indikatoren für Berufspendelanalysen*.

Jerrett, M, Gale, S, & Kontgis, C. 2010. *International Journal of Environmental Research and public Health* 7(4), 1302-1329.

Johnson, MP. 2010. *Housing and Community Development*.

Lauster, NT. 2010. *Housing Studies* 25(4), 543-577.

Leone, R, & Carroll, BW. 2010. *Environment and Planning C* 28(3), 384-404.

Li, C. 2010. *Spatial Autocorrelation and Liquidity in Hong Kong's Real Estate Market*.

Lux, M, et al. 2010. *Moderní nástroje sociálního bydlení pro mladé tpfomu kslp mladó,á podpora rustu natality*

Newbold, KR, 2010. *Population Geography: Tools and Issues*

Suttor, G. 2010. *Rental Paths from Postwar to Present*.

Tjahjono, B, et al. 2010. *Journal of the Lean Six Sigma*

Townsend, I, & Walker, R. 2010. *Canadian Cities in Transition*,

Wollebaek, D. 2010. *Rural Sociology* 75(1), 144-166

Yu, Z, & Myers, D. 2010. *Urban Studies* 47(12), 2615-2640.

Zhang, Y, et al. 2010. *Journal of Land Use Sciences* 5(3), 217-235

*Geography of Competition* e-book chapter downloads from publisher's website in 2010 716

*Editing and refereeing*

Editor in chief, Canadian Journal of Regional Science. Jan 2011 - Dec 2016

*Lectures and presentations*

*Property markets and the economy of the city: Hurd Revisited*. Regional Science Association, North American meeting, Denver CO, November 2010

*Property markets and the economy of the city: Hurd Revisited*. Association of American Geographers, Annual meeting, Seattle WA, April 2011

*Conference sessions chaired*

*The Economies of Cities*. Regional Science Association, North American meeting, Denver CO, November 2010

*Creating and Destroying Urban Landscapes*. Association of American Geographers, Annual meeting, Seattle WA, April 2011

*Courses taught*

GGR A30H3. GIS and Empirical Reasoning

GGR C27H3. Location and Spatial Development  
 CIT C03H3. Real Estate and the City  
 JPG 1670H1. Geography of Competition

*Graduate supervision*

Oneka, Goldameir, M.A. supervisor.

*Directed readings/research*

None

*Administrative*

Geography discipline rep and supervisor of studies, UTSC  
 Chair, OGS Scholarships Committee (reviewed applications for MA and Ph.D. scholarships in Geography)  
 Member, Promotions Committee, Department of Social Sciences  
 Member, Promotions Committee, Department of Geography  
 Member, tenure review research reading committee, UTM  
 Member, tenure review committee, UTSC

2009

*Publications and work completed*

2010a Miron, JR. 2010. *The Geography of Competition: Prices, Firms, and Localization*. Springer Science+Business Media. ISBN 978-1-4419-5625-5. e-ISBN 978-1-4419-5626-2. xxiv, 456 pp.

Over the year that began 1 May 2009, I completed the book, tweaked the title, submitted it for publication, made corrections and improvements to the draft, did the proof-reading, and saw the book through to publication in March of this year. Viewed broadly, this book is the culmination of about 38 years of my thinking about location theory and represents, I believe, a substantial advance in thinking about the nature of a regional political economy.

*Citations of my work by others in 2009*

Atterhöög, M, & Song, H-S. 2009. *Housing, Theory, and Society* 26(4), 248-270.  
 Blomley, N. 2009. *Urban Geography* 26(1), 27-44  
 Ceccarelli, C, & Cutillo. 2009. *Rivista di Statistica Ufficiale* 9, 17-38.  
 Dalton, T. 2009. *Urban Studies* 46(1), 63-91.  
 Derrible, S, & Kennedy, C. 2009. *Transportation Research Record* 2112, 17-25  
 Ergöz-Karahan, E. 2009. *Istanbul Ticaret Universitesi*, 79-105  
 Hogan, A. 2009. Housing, Health, and Social Inclusion.  
 Joo, Y, Kim, YI, & Kim, T-H. 2009. *Transportation Research Board* 51-5, 39-44.  
 Leloup, X. 2009. *Social Isolation without Segregation? The Case of Women Living in Scattered Public Housing in two Montréal Neighbourhoods*  
 Day, C. 2009. *Home Away From Home*.  
 Haan, M. 2009. *Population, Space, and Place* 15(5), 445-460  
 Mok, D. 2009. *Professional Geographer* 61(4), 527-546.  
 Timmins TL, et al. 2009. *Geocomputation*.

*Refereeing*

*Canadian Geographer*  
*Urban Affairs Review*

*Lectures and presentations*

*Uncertainty, Risk, and Market Formation*. Regional Science Association, North American meeting, San Francisco, November 2009  
*Thünen, Walras, and the Regional Economy*. York University, February 2010.  
*Thünen, Walras, and the Regional Economy*. Association of American Geographers, Annual meeting, Washington DC, April 2010

*Courses taught*

GGR C02H3. Population geography  
 GGR C18H3. Urban Transportation Policy Analysis  
 GGR C27H3. Location and Spatial Development  
 CIT C03H3. Real Estate and the City

*Graduate supervision*

Suttor, Greg, Ph.D. supervisor.

*Directed readings/research*

Jacobsen, Aaron, M. Arch., GGR1641 Directed Readings in Economic Geography. Reading course supervisor.

*Administrative*

Member, Academic Board, University of Toronto  
 Member, Academic Plans and Programs, University of Toronto  
 Chair, OGS Scholarships Committee (reviewed 74 applications for Ph.D. scholarships in Geography)  
 Dean's rep, 2 tenure-stream search committees in Psychology, UTSC  
 Member, Promotions Committee, Department of Social Sciences  
 Member, tenure-stream search committee in urban geography, UTSC  
 Member, teaching stream-search committee in city studies, UTSC

## 2008

*Publications and work completed*

2008a Miron, JR. 2008. Applied Remote Sensing For Urban Planning, Governance, and Sustainability. *Geomatica* 62(1), 59.

Firms, Prices and Localization: The Geography of Competition. Formerly entitled "A Primer on Competition and Location", I have substantially revised the book—now 12 chapters—around the argument that market prices (of commodities, inputs, and services) and the localization (geographic clustering) of industry are jointly determined. Each chapter has now been rewritten to show how that subarea of location theory contributes to the argument. Each chapter now contextualizes all important work in the context of my argument. To clarify the argument, 14 new models were added. Almost finished, the book manuscript is now just over 400 pages in length. I have also begun queries with potential publisher and will submit a formal proposal shortly.

*Citations of my work by others in 2008*

Abbott, W. 2008. A Unique Approach to Allow Low-income Families the Opportunity to Gain Home ownership access through Alternative Financing.  
 Bourne, L. 2008. *Canadian Geographer*  
 Conway, D, et al. 2008. *The Journal of Real Estate Finance and Economics* 41(2), 150-169.  
 Dawson, PC. 2008. *Housing Studies*  
 Dostrovsky, N, & Harris, R. 2008. *Professional Geographer* 60(3), 314-342  
 Ewing R, & Rong, F. 2008. *Housing Policy Debate* 19(1), 1-30  
 Fache, J. 2008. *Géographie, économie, Société*  
 Fina, S, & Siedentop, S. 2008. *Real Corp 008 Proceedings*, 489-501  
 Guilderbloom, JI. 2008. *Invisible City*  
 Halseh, G, & Rosenber. M. 2008. *Canadian Geographer*  
 Ismail, S, et al. 2008. *International Real Estate Symposium*. 1-15.  
 Li, WDH. 2008. *Habitat International* 32(1), 74-85.  
 Perrun, JC. 2008. The patriotic consensus: Winnipeg, 1939-1945  
 Majury, N. 2008. *Canadian Geographer*  
 Moore, EG, & Ray, BK. 2008. *Canadian Review of Sociology*  
 Mostafa, A. 2008. *Rental Housing Provision Based on Affordability*  
 Zhu, S, et al. 2008. *Acta Geographica Sinica*

*Courses taught*

On administrative leave: July 2008 - June 2009

*Postdoctoral supervision*

Ge, Ying, Assistant Professor in tenure stream, Hohai University, China. January-June 2009.

*Graduate supervision*

Fang, Limin, Ph.D. supervisor. Student on leave of absence for 2008-2009  
 Suttor, Greg, Ph.D. supervisor.

*Undergraduate supervision*

Harris, Matthew, BA, CITD01F. Directed Readings. Readings course supervisor.  
 Krishnamoorthy, Thushani, BA, CITD01S. Directed Readings. Readings course supervisor.

*Administrative*

Member, Academic Board, University of Toronto  
 Chair, OGS Ph.D. Scholarships Committee (reviewed 74 applications for Ph.D. scholarships in Geography)

## 2007

*Publications and work completed*

2007a Miron, JR. 2007. *The Cautious Farmer: Market Participation Under Uncertainty*. Mimeo. 9 pages.

A Primer on Competition and Location. I have now completed 13 chapters which, in current condensed format, is about 200 pages long. Presently, I envision a textbook wherein each chapter was a stand-alone treatment of a sub-area of location theory. The book—an interpretive exposition of 30 models spread across 12 subareas—covered assumptions, model structure, model outcomes, and comparative statics and made use of calculus, mathematical programming, probability theory, and vector analysis.

*Citations of my work by others in 2007*

- Aziz, W, et al. 2007. *Public-private partnerships approach*.  
 Arnott, R, & Shevyakhova. 2007. *Tenancy Rent Control and Credible Commitment in Maintenance*.  
 Brushett K. 2007. *Journal of Urban History* 33(3), 375-399  
 Dalton, T, & Ong, R. 2007. *European Journal of Housing Policy* 7(3), 275-297.  
 Ellen, IG, & O'Flaherty, B. 2007. *Population Research and Policy Review* 26(4), 387-409  
 Fillion, P, & McSpurren, K. 2007. *Urban Studies* 44(3), 501-523.  
 Hansen, T, et al. 2007 *Statens og Husbankens rolle I en markedsbasert boligsekto*.  
 Hua, J. 2007. *Urban Villages in Greenfields*.  
 Keshen, JA. 2007. *Saints, Sinners, and Soldiers: Canada's Second World War*  
 Maoh, H, & Kanaroglou, P. 2007. *Center for Spatial Analysis WP 025*.  
 Millward, H. 2007. *Rural-Urban Contrasts in Activities and Travel Behavior*  
 Noble, B. 2007. *Assessment of Affordable Housing Options*.  
 Nordvik, V. 2007. *Nova* 3, 75-92.  
 Petrov, AN. 2007. *Journal of Population Research* 24(2), 185-206.  
 Pucher, J, & Buehler, R. 2007. *Plan Canada* 47(1), 13-17  
 Stanger-Ross, J. 2007. *Journal of American Ethnic History* 26(3), 23-51  
 Werner, H. 2007. *Imagined homes: Soviet German immigrants in two cities*  
 Wheeler, DC. 2007. *Housing submarkets and hedonic price analysis*. TR 07-10.

*Lectures and presentations*

*The Cautious Farmer: Market participation under uncertainty*. North American Regional Science Council Annual Meeting, Savannah, GA, November 2007.

*Conference organization*

Organizer, "Geographical Perspectives on Location Theory", North American Regional Science Council Annual Meeting, Savannah, GA, November 2007. 4 papers presented, 4 discussants.

*Courses taught*

- GGR B10H3. Real Estate and the City. 100. Regular  
 GGR C18H3. Urban Transportation Policy Analysis. 100. Overload.  
 GGR C27H3. Location and spatial development. 100. Regular

*Graduate supervision*

- Fang, Limin, Ph.D. supervisor.  
 Sanschagrin, Joanne. Successfully defended PhD dissertation, February 2008. Committee member at Department defence and SGS defence.  
 Suttor, Greg, Ph.D. supervisor.

*Directed readings/research*

- Bat, Michael, BA, GGRD01 Directed Readings, Reading course supervisor.  
 Hassan, Ktaech, BA, GGR491. Directed Readings. Readings course supervisor.  
 Suttor, Greg, Ph.D, GGR2149 Directed Readings, Reading course supervisor.

*Administrative*

- Supervisor of studies, City Studies program, Department of Social Sciences  
 Interim supervisor of studies, Sociology, Department of Social Sciences. May 2006-Dec 2006.  
 Chair, Department of Social Sciences  
 Member, Academic Board, University of Toronto  
 Chair, OGS PhD. Scholarships Committee (reviewed 92 applications for Ontario)

**2006**

*Publications and work completed*

- 2006a Miron, JR. 2006. *Urban Sprawl and the Planning Efficiency Frontier*. Mimeographed. 27 pages.

A Primer on Competition and Location. Wrote Chapters 8 through 11, and revised drafts of Chapters 2 through 7. 260 pages completed to date.

*Citations of my work by others in 2006*

- Akkerman, A. 2006. *Environment and Planning A* 38, 765-790  
 Arévalo, R, & Ruiz-Castillo, J. 2006. *Journal of the European Economic Association* 4(2), 830-861  
 Basu, R. 2006. *Education, Citizenship and Social Justice*  
 Burcu, O. 2006. An empirical analysis of shopping center locations in Ohio. Ohio State U Ph.D.  
 Ceccarelli, C, et al. 2006. Rent imputing for dwelling services: different methods. 221-224.  
 Distasio, J. 2006. *Prairie Perspectives*.  
 Eckert, A, & West, DS. 2006. *International Journal of the Economics of Business* 13(3), 351-372.  
 Finkel, A. 2006. *Social policy and practice in Canada: a history*  
 Ismail, S. 2006 *Malaysian Journal of Real Estate*  
 Lin, S, et al. 2006. *Acta Geographica Sinica*.  
 Luffman, J. 2006. *Perspectives on labour and income*  
 MacLennan, D, & Pomeroy, S. 2006. *Neighbourhood Policy in Canada*  
 Ozuduru, BH. 2006. *An Empirical Analysis of Shopping Center Locations in Ohio*.  
 Pucher, J, & Buehler, R. 2006. *Transport Policy* 13(3), 265-279  
 Rong, F. 2006. Impact of urban sprawl on U.S. residential energy use. U Maryland Ph.D. dissertation  
 Qiu, B, & Wang, Q. 2006. *Geoinformatics*.  
 Rose, D, & Villeneuve, P. 2006. *Canadian Cities in Transition*  
 Skelton, I. 1996. *Housing Studies*  
 Wood, G, Watson, R, & Flatau, P. 2006. *Housing Studies* 21(3), 361-380  
 Yuen, B, Kwee, LK, & Tu, Y. 2006. *Urban Policy and Research* 24(2), 253-270.

*Courses taught*

- GGR B10H3. Real Estate and the City. 100. Regular  
 GGR C27H3. Location and spatial development. 100. Regular

*Reviewing*

- Canadian Geographer  
 Environment and Planning A  
 Geographical Analysis  
 Growth and Change  
 Professional Geographer  
 Urban Studies

*Graduate supervision*

- Fang, Limin, Ph.D. supervisor.

*Undergraduate supervision*

- Calcagno, Melissa. GGRD01H. Access to Housing  
 Douale, Dhol. GGRD01H. Affordable Housing  
 Ktech, Hassan. GGR491. Low-income home ownership  
 Ramnaraine, Dave. GGRD01H. Sprawl and Air Quality  
 Skelton, Travis. GGRD01H. Value of Travel Time  
 Cheung, Winny. GGRD01H. Ethnic suburbs

*Administrative*

- Supervisor of studies, City Studies program, Department of Social Sciences  
 Interim supervisor of studies, Health Studies program, Department of Social Sciences. May 2006-Dec 2006.  
 Interim supervisor of studies, International Development Studies, Department of Social Sciences. July 2006-Dec 2006.  
 Chair, Department of Social Sciences  
 Member, Academic Board  
 Member, OGS M.A. Scholarships Committee (reviewed 46 applications for Ontario)

2005

*Publications and work completed*

- 2005a Miron, JR, and Kunz, IC. 2005. *Housing Situation and Social Policy: a Tale of Two Nations*. Mimeo, 22 pages.  
 2005b Miron, JR. 2005. Creeping Conformity: How Canada Became Suburban, 1900-1960. *American Historical Review*, October 2005, 1155-1156.  
 2005c Miron, JR. 2005. *The Effect of Immigration on Household Formation in the Corporate Suburb: A Case Study*. Mimeo. 34 pages

A Primer on Competition and Location. This year. I wrote Chapters 6 and 7, and revised drafts of Chapters 2 through 5. 180 pages completed to date.

*Citations of my work by others in 2005*

- Allen, JM, & Eaton, BC. 2005. *Journal of Regional Science* 45(1), 1-19.  
 Barlow, J, & Ozaki, R. 2005. *Environment and Planning A* 37(1), 9-20  
 Brasier, K. J. 2005. *Rural Sociology* 70(4), 540-560.  
 Brescia, C. 2005. *Affordability of Housing in Ontario: Trends, Causes, Solutions*.  
 Charney, I, & Gad, G. 2005. *国外城市规划* 20(2), 37-41.  
 Clark, E. 2005. *Gentrification in a Global Context*  
 Dionne, M. 2005. *The Effect of Women's Changing Employment Prospects*.  
 Englund, P, et al. 2005. *International Meeting of the American Real Estate*  
 Fahmi, H. 2005. *Household Politics. Montreal Families and Postwar Reconstruction*  
 Haan, M. 2005. *Urban Studies*  
 Hanlon, N, and Halseth, G. 2005. *Canadian Geographer* 49(1), 1-24  
 Harris, R, & Buzzelli, M. 2005. *Business History* 47(1), 59-85.  
 Jerrett, M, & Finkelstein, M. 2005. *Journal of Toxicology and Environmental Health A* 68(13-14), 1207-1242.  
 Kim, YS. 2005. Household structure and health care services Korea  
 vaar, DN. 2005. Proximity, pocketbooks and preferences  
 Kwang-Koo, K, Marcouiller, D. W, & Deller, SC. 2005. *Growth and Change* 36(2), 273-297.  
 Merem, EC. 2005. *Environmental accounting for changes in farm land use*  
 Mok, DKY. 2005. *Environment and Planning A* 37(12), 2121-2146.  
 Sharpe, C, 2005. *Canadian Geographer* 49(4), 400-410  
 Tomé, RA, & Rovas, JMC. 2005. *Geographical Heterogeneity in Housing*.

*Lectures and presentations*

- The Impacts of Household Immigration on Household Formation in Peel Region. Bourneshrift Sessions, Canadian Association of Geographers Annual Meeting (London, ON), June 2005.  
 The Impacts of Household Immigration on Household Formation in Peel Region. Canadian Institute of Planners Annual Meeting (Toronto, On), July 2005.  
 Responding to Demographics. Annual A.D. Latonnell conference, Cookstown, November 2005.  
 Social Science Perspectives on Census Data. TDSB Data Management Workshop. February 2006.

*Refereeing*

None

*Courses taught*

- GGR B10H3. Real Estate and the City. 100. Regular  
 GGR B27H3. Location and spatial development. 100. Regular  
 GGR C18H3. Urban Transportation Policy Analysis. 100. Regular

*Directed readings/research*

Callender, Shane, BA, GGRCo1 Directed Readings, Reading course supervisor.

*Administrative*

- Supervisor of studies, City Studies program, Department of Social Sciences  
 Supervisor of studies, Health Studies program, Department of Social Sciences (Nov 2005 – April 2006)  
 Chair, Department of Social Sciences  
 Member, Academic Board, University of Toronto  
 Member, OGS M.A. Scholarships Committee (reviewed 45 applications for Ontario)

**2004**

*Publications and work completed*

- 2004a Miron, JR. 2004. Housing Demand, Coping Strategy, and Selection Bias. *Growth and Change* 35(2). 220-261.

A Primer on Competition and Location. This year. I wrote Chapters 4 and 5, and revised drafts of Chapters 2 and 3. 100 pages completed to date.

*Citations of my work by others in 2004*

- Anas, A, & Arnott, R. 2004. *Moving costs, security of tenure, and eviction*  
 Bunting, TE. 2004. *Environment and Planning A*  
 Bunting, T, Walks, A. R, & Filion, P. 2004. *Housing Studies* 19(3), 361-393  
 Buzzelli, M. 2004. *Urban Geography*  
 Chowhan, J, & Prud'homme, M. 2004 *City Comparisons of Shelter Costs in Canada: a Hedonic approach*  
 Dalton, T. 2004. *Housing Policy Retrenchment: Australia and Canada Compared*



Darden, J. 2004. *The Significance of White Supremacy in the Canadian Metropolis*  
 Darden, JT, & Kamel, SM. 2004. *Amerasia Journal* 30(3), 25-38  
 Frenkel, A. 2004. *Land Use Policy*  
 Harris, R. 2004. *Business History*  
 Hunt, LM, Boots, B, & Kanaroglou, PS. 2004. *Progress in Human Geography* 28(6), 746-766.  
 Kentor, J. & Miller, H. 2004. *The Impact of Globalization*  
 Keshen, J. 2004. *Saints, Sinners, and Soldiers: Canada's Second World War*  
 Kim, Y. 2004. *The Kyoto Economic Review*  
 Korevaar, DN. 2004. *Proximity, Pocketbooks, and Preferences*  
 Malpezzi, S, et al. 2004. *ENHR Conference, University Of Cambridge*  
 McReady, DJ. 2004. *Readings in Canadian Real Estate*.  
 Mok, DK. 2004. *The wealth of cities*.  
 Rey, SJ, et al. 2004. *International Regional Science Review* 27(1), 1-84.  
 Rose, D. 2004. *Canadian Journal of Urban Research*  
 Sewell, J. 2004. *Creeping Conformity*  
 Skaburskis, A. 2004. *Urban Studies* 41(1), 117-149  
 Slater, T. 2004. *Environment and Planning A*  
 Stamp, RM. 2004. *Suburban Modern: Postwar Dreams in Calgary*  
 Wang, L. 2004. *Journal of Retailing and Consumer Services* 11(5), 307-320.

*Research grants and contracts completed*

Immigration and household formation in Peel Region, Peel Region Planning Department  
 Selection bias and spatial choice models, SSHRCC

*Lectures and presentations*

Impact of immigration on household formation. CPI/OPPI 2004 Joint Conference, Toronto, 14 July 2004  
 The effect of immigration on household formation in the corporate suburb: a case study. Association of American Geographers Annual Meeting (Denver, CO), April 2005

*Conference organization*

Urbanization and Planning in the NEW New World. International conference held at the University of Toronto on 7-8 July 2004

*Refereeing*

Canadian Journal of Urban Research  
 Great Lakes Geographer  
 Growth and Change  
 Urban Affairs Review  
 Annals of the Association of American Geographers

*Courses taught*

GGR B10H3. Real Estate and the City. 100. Regular  
 GGR B27H3. Location and spatial development. 100. Regular

*Graduate supervision*

Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor. Dissertation completed and successfully defended, October 2004.

*Directed readings/research*

Yokoyama, Ryo, BA, GGRC01 Directed Readings, Reading course supervisor.  
 Petroff, Andrey, Ph.D, GGR1672 Directed Readings, Reading course supervisor.

*New appointment*

Chair, UTSC Department of Social Sciences (1 July 2004)

*Administrative*

Supervisor of studies, Geography programs, Department of Social Sciences  
 Supervisor of studies, City Studies program, Department of Social Sciences  
 Chair, Department of Social Sciences  
 Member, Academic Board, University of Toronto

**2003**

*Publications and work completed*

2003a Miron, JR. 2003. Low-income Homeownership: Examining the Unexamined Goal. *Urban Studies*, 40(1), 2327-2328.  
 2003c Miron, JR. 2003. Land Use Planning Made Plain. *Geomatica* 57(4), 429-430.

Miron, J. R. 2004. *Competition and Location: A Primer*. This is intended to be a textbook for a senior undergraduate course in location theory. I started this manuscript in July 2003. During this past year, I completed the following two chapters. Chapter 2: *The Worldly Monopolist: Monopoly in Two Geographic Markets* (20 pages), Chapter 3: *The Struggling Masses: Perfect Competition in Two Geographic Markets* (14 pages).

*Citations of my work by others in 2003*

- Arbuckle, G. 2003. *Readings in Canadian Real Estate*  
 Arnott, R. 2003. *Swedish Economic Policy Review* 10, 89-121  
 Barker, D. 2003. *Journal of Housing Economics* 12(1), 1-11  
 Bartel, H, & Marr, WL. 2003. *Readings in Canadian Real Estate*  
 Baum, S, & Wulff, W. 2003. *AHURI*, Melbourne  
 Bourne, LS. 2003. *Urban Geography* 24(2), 279-300  
 Buzzelli, M, & Harris, R. 2003. *Housing Studies* 18(3), 369-386.  
 Cakmak, S, et al. 2003 *Journal of Toxicology and Environmental Health, Part A* 66(16-19), 1811-1823.  
 Choko, MH, & Harris, R. 1989. *L'évolution du mode d'occupation des logements*  
 Dawson, PC. 2003. *Space Syntax: 4th International Symposium*  
 Derrible, S. 2003. *Canadian Journal of Civil Engineering* 39, 154-162  
 Fortin, A, & Bedard, M. 2003, *Canadian Journal of Urban Research*, 12(1), 124-142  
 Fotheringham, AS, et al 2003. *Geographically Weighted Regression*.  
 Gonzaga, LMR. 2003. UFRGS Ph.D.  
 Halseth, G, & Sullivan, L. 2003. *Geography Research Forum* 23, 138-168.  
 Harris, R. 2003. *Canadian Geographer* 47(3), 338-350  
 Hulse, K. 2003. *Housing, Theory and Society* 20(1), 28-42.  
 Jerrett, M, et al. 2003. *Journal of Toxicology and Environmental Health* 66(16-19), 1783-1810.  
 Jerrett, M, et al. 2003. *Journal of Toxicology and Environmental Health* 66(16-19), 1735-1777.  
 Leidelmeijer, K, & van Kamp, I. 2003. *Kwaliteit van de Leefomgeving en Leefbaarheid*  
 Lindsey, R, & West, DS. 2003. *International journal of Industrial Organization* 21(4), 551-592.  
 Mok, DK. 2003. *Disentangling the market price*.  
 Patton, M, & McErean, S. 2003. *Journal of Agricultural Economics* 54(1), 35-54.  
 Smith, LB. 2003. *Readings in Canadian Real Estate*  
 Thalmann P. 2003. *Journal of Housing Economics* 12(4), 291-317  
 Theriault, M, Rosiers, FD, & Villeneuve, P. 2003. *Property Management*  
 Wilms, JD. 2003 *Human Resources Development*  
 Wood, GA, & Kemp, PA. 2003. *Urban Studies* 40(4), 747-765

*Reviewing*

Journal of the American Planning Association  
 Annals of the Association of American Geographers

*Courses taught*

GGR B06H3. Planning in Canada. 100. Regular  
 GGR B27H3. Location and spatial development. 100. Regular  
 GGR A30H3. GIS and empirical reasoning. 100. Regular

*Graduate supervision*

Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor. Lapsed student after August 2003.

*External examiner*

Lu Wang. PhD examination, Department of Geography, York University  
 Cathy Liu. MSA examination, Department of Geography, Ryerson University  
 External reviewer, Promotion to Full Professor, Faculty of Arts and Science, York University

*Underraduate supervision*

Yee, Christine. GGR 391H1. B.A. thesis paper supervisor.

*New appointment*

Interim Chair (1 January 2004)

*Administrative*

Supervisor of studies, Geography programs, Department of Social Sciences  
 Supervisor of studies, City studies programs, Department of Social Sciences  
 Geography discipline representative, Department of Social Sciences, July-Dec 2003  
 Member, Department of Social Sciences Promotion Committee  
 Member, Department of Geography Senior Committee  
 Interim Chair, Department of Social Sciences, Jan-June 2004.

## 2002

*Publications and work completed*

- 2002a Miron, JR. 2002. Löschian spatial competition in an emerging retail industry. *Geographical Analysis* 34(1), 34-61.
- 2002b Miron, JR. 2002. Housing: who decides? *Environment and Planning C: Government and Policy* 20(1), 152-153.
- 2002c Miron, JR. 2002. A Better Way. *University of Toronto Bulletin*, 6 May 2002, page 16.
- 2003b Miron, JR. 2003. *Urban Sprawl in Canada and America: Just How Similar?* 34 pages.

*Citations of my work by others in 2002*

- Basu, R. 2002. *Journal of Planning Education and Research* 21(3), 274-284
- Beynon, M, Griffiths, B, & Marshall, D. 2002. *Expert Systems* 19(5), 273-284.
- Bourne, L. 2002. *Canadian Geographer* 33(4), 312-328
- Bunting, T, Fillion, P, & Priston, H. 2002. *Urban Studies*
- Buzzelli, M, & Harris, R. 2002. *Housebuilding in the Machine Age, 1920s – 1970s*
- Chen, F, & Du, D. 2002. *Geomatics and Information Science of Wuhan University* 27(4), 391-396
- Darden, JT. 2002. Residential segregation and neighbourhood socioeconomic inequality
- Darden, JT, & Kamel, SM. 2002. *Canadian Journal of Native Studies* 22(2), 239-267
- Didukh, G. 2002. *Research on Immigration and Integration in the Metropolis*.
- Diem, JE, & Comrie, AC. 2002. *Environmental pollution* 119(1), 99-117.
- Fotheringham, AS, et al. 2002. *Geographically weighted regression*.
- Friedman, A, & Krawitz, D. 2002. *Planning the new suburbia: flexibility by design*
- Hanegbi, R. 2002. *Deakin Law Review* 7(2), 349-365.
- Hardill, I. 2002. *Gender, migration and the dual career household*
- Ho, M. H. C, & Chiu, R. L. H. 2002. *Journal of Housing and the Built Environment* 17(4), 363-383.
- Iwata, S. 2002. *Journal of Housing Economics* 11(2), 125-151
- Johnson, LC, & Ruddock, A. 2000. *Condition feminine Canada*
- Klodawsky, F, et al. 2002. *The Canadian Geographer* 46(2), 126-143.
- Krewski, D, et al. 2002. *Human and Ecological Risk Assessment* 8(6), 1355-1374.
- Lessa, I. 2002. *Affilia* 17(3), 314-331.
- Mahadeva, M. 2002. *Indian Journal of Social Development*.
- Mok, KD. 2002. *Nederlandse Geografische Studies* (303), 389-398.
- Mok, D. 2002. *Urban Studies* 39(7), 1095-1112
- Werdon, M. 2002. *Rethinking Households: an Atomistic Perspective on European Living Arrangements*.
- Werner, HP. 2002. *Integration in Two Cities*.
- Xue. 2002. *Journal of Natural Resources (自然资源学报)* 17(6), 729-736.

*Lectures and presentations*

- Canadian households and their housing. 2 July 2002. Mexico City: Seminario: Urbanismo y Vivienda. Invited by El Programa de Maestría y doctorado en Urbanismo, Universidad Nacional Autónoma de México.
- Housing policy in Canada. 12 Feb 2003. Hong Kong; invited by Department of Real Estate and Construction, University of Hong Kong.
- Urban sprawl in Canada and America. Kowloon. 13 February 2003. Invited by Department of Geography, Hong Kong Baptist University.
- Urban sprawl in Canada and America. Hong Kong. 14 Feb 2003. Invited by Department of Real Estate and Construction, University of Hong Kong.
- Coping strategies and housing expenditure. Hong Kong. 15 Feb 2003. Invited by Department of Real Estate and Construction, University of Hong Kong.
- GIS and the housing market. Hong Kong. 19 Feb 2003. Invited by Department of Real Estate and Construction, University of Hong Kong.
- Housing finance in Canada. Hong Kong. 21 Feb 2003. Invited by Department of Real Estate and Construction, University of Hong Kong.
- Urban Sprawl in Canada and America: Just How Similar?* Annual meeting of the Association of American Geographers, New Orleans, March 2003.

*Conference organization*

With Professor Ignacio Kunz, I organized two sessions at the Association of American Geographers annual meeting in New Orleans in March 2003. These sessions were titled "Urbanization and Planning in the NEW New World" and brought together scholars from North and South America interested in emerging problems in planning and urbanization in this hemisphere.

*Reviewing*

Canadian Geographer  
City & Community

Environment and Planning C; Government and Policy  
 The Professional Geographer  
 Taylor and Francis Publishers  
 University of Hong Kong Press

*Consulting*

Retained by University of Guelph as an expert in location analysis and empirical methods with respect to an Ontario Municipal Board hearing. August 2002 - July 2003

*Courses taught*

On research leave

*Administrative*

On research leave

*Graduate supervision*

Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor.

Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvbjergian Perspective on School Closings in Toronto. Ph.D. dissertation supervisor. Completed September 2002.

Mok, Diana. Real Estate Liquidity Risks, Price Risks, and Cities. Ph.D. dissertation supervisor. Completed September 2002.

*Other graduate supervision*

Supervised Ying Ge, a PhD exchange student, from the University of Nanjing, in the area of spatial statistics and location theory. September 2002 - August 2003.

*External examiner*

Examiner on MSA (Ryerson-University of Toronto) final examination for Lauren Calder in September 2002. MSA research paper entitled "Impact of the internet generation on electronic commerce in Canada".

*Other appointment*

Visiting Professor, Department of Real Estate and Construction, University of Hong Kong

Visiting Professor, Faculty of Architecture, Universidad Nacional Autónoma de México (UNAM)

2001

*Publications and work completed*

2001a Miron, JR, Steele, M, Haurin, D, Hendershott, P, Börsch-Supan, A, Laferrere, A, Muellbauer, J, MacCormick, J, and Yates, J. 2001. *Methods used abroad to support access to home ownership: a research survey*. Final report prepared for Canada Mortgage and Housing Corporation. 160 pages. OCLC 49892146.

2001b Miron, JR. 2001. Business cycle and homogeneity in the residential built environment: Canada, 1986-1996. *Urban Geography* 22(2), 154-174.

2001c Miron, JR. 2001. Toronto. In Lothar Beckel (ed.), *Megacities: the European Space Agency's Contribution to a Better Understanding of a Global Challenge*. Vienna, Austria: GEOSPACE Verlag. pp. 216-221.

2002d Miron, JR. 2002. *Variations in Population Density Within and Among North American Cities*. Mimeo

*Citations of my work by others in 2001*

Baum, S, & Wulff, W. 2001. *AHURI, Melbourne*

Berry, M. 2001. *National Housing Conference*

Bourne LS, & Rose, D. 2001 *The Canadian Geographer* 45(1), 105-119.

Burnett, R, et al. 2001. *Environmental Health Perspectives* 109(Suppl 3), 375-380.

Ellis, L, & Andrews, D. 2001. *City Sizes, Housing Costs, and Wealth*

Filion, P. 2001. *Space and Polity*

Girdwichai, I. 2001. *An analysis of social network and supports of migration*

Harris, R, & Shulist, T. 2001. *Canadian Historical Review* 82(2), 253-282.

Lawson, R, & Thyne, M. 2001. *Journal of Vacation Marketing* 7(3), 199-208.

Martin, MD. 2001. *Urban History Review* 30(1), 22-39.

Polsky, C. 2001. *A spatial analysis of agricultural land-use*

Thériault, M. 2001. *Modelling Interactions of Location*.

Van Soest, F, et al. 2001. *Journal of Environmental Management* 61(3), 215-225.

*Lectures and presentations*

*Variations in Population Density Within and Among North American Cities*. Annual meeting of Association of American Geographers, Los Angeles, March 2002.

*Courses taught*

GGR 1500H1. Core course in Human Geography. 100. Regular  
 GGR B06H3. Planning in Canada. 100. Regular  
 GGR B10H3. Real Estate and the City. 100. Regular  
 GGR B27H3. Location and spatial development. 100. Regular  
 SOS A01H3. GIS and empirical reasoning. 100. Regular

*Graduate supervision*

Maarenen, Richard. MSA research paper supervisor. Completed September 2001.  
 Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor.  
 Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvjergian Perspective on School Closings in Toronto. Ph.D. dissertation supervisor. 248 p.  
 Mok, Diana. Real Estate Liquidity Risks, Price Risks, and Cities. Ph.D. dissertation supervisor.

*Administrative*

Member, Senior committee, Social Sciences  
 Supervisor of studies, Geography program, Division of Social Sciences  
 Discipline representative, Division of Social Sciences  
 Discipline coordinator, urban geography search committee

## 2000

*Publications and work completed*

- 2000a Miron, JR. 2000. *Renters and Their Housing Conditions: From the 1980s into the 1990s: A Retrospective*. Canada Mortgage and Housing Corporation. OCLC 50252638. 38 pages.
- 2000b Miron, JR. 2000. *Renters and Their Housing Conditions: From the 1980s into the 1990s. A Retrospective; Background Technical Report*. Canada Mortgage and Housing Corporation. 161 pages.
- 2000c Miron, JR. 2000. Cities as Real Estate. In Bunting, T, and Filion, P. (eds.), *Canadian Cities in Transition*. 2<sup>nd</sup> Edition. Oxford University Press, pp 154-172.
- 2001d Miron, JR. 2001. *Comparing Massive Tessellations: A Linear Systems Approximation*. Mimeo. 12 pages

*Citations of my work by others in 2000*

Berry, M. 2000. *Housing Studies* 15(5), 661-681  
 Carroll, BW, & Jones, RJE. 2000. *Canadian Public Policy* 26(3), 277-293.  
 Danso, RK, & Grant, MR. 2000. *Canadian Ethnic Studies* 32(3), 19-43  
 Darden, JT, & Kamel, SM. 2000. *The Review of Black Political Economy* 28(2), 53-76.  
 Diem, JE. 2000. *A Geographical Analysis of Air Pollution in the Tucson region*.  
 Dunn, JR. 2000. *Housing Studies* 15(3), 341-366.  
 England, R, Shapiro, L, and Lynch, MP. 2000. The Economic Impacts of New Hampshire Housing Finance Tax Exempt Bond.  
 Friedman, A. 2000. *Canadian Journal of Urban Research* 9(1), 1-22  
 Gitlesen, J. P, & Thorsen, I. 2000. *Environment and Planning A* 32(11), 2057-2074.  
 Grubestic, TH. 2000. *Social Science & Medicine* 51(8), 1197-1210.  
 Halseth, G, & Sullivan, L. 2000. *Housing Transition in Single Industry "Instant Towns"*.  
 Harris, R. 2000. *Journal of Urban History* 26(4), 456-478.  
 McKay, I. 2000. *Canadian Historical Review* 81(4), 616-645.  
 Matthews, C, 1995. Economic and social factors behind housing altera Profit, S. 2000. *Job Search, Regional Mobility and Job Matching*  
 Reitsma-Street, M, et al. 2000. *Options en matière de politiques de logement urbain pour les femmes vivant dans la pauvreté: un projet de recherche-action dans trois villes canadiennes*

*Lectures and presentations*

*Comparing massive tessellations using linear systems*. Annual Meeting of the Association of American Geographers, March 2001.

*Courses taught*

GGR 1500H1. Core course in Human Geography. 100. Regular  
 GGR B06H3. Planning in Canada. 100. Regular  
 GGR C04H3. Urban residential geography. 100. Regular  
 GGR C18H3. Metropolitan development and planning. 100. Regular  
 SOS A01H3. GIS and empirical reasoning. 100. Regular

*Graduate supervision*

Babulal, Deborah. Can new urbanism provide an important source of affordable accessory housing? M.Sc. (pl) current issues paper supervisor. 58 p.

Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor.

Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvjergian Perspective on School Closings in Toronto. Ph.D. dissertation supervisor.

Mok, Diana. Real Estate Liquidity Risks, Price Risks, and Cities. Ph.D. dissertation supervisor.

*Administrative*

Member, Senior committee, Department of Geography

Supervisor of studies, Geography program, Division of Social Sciences

Discipline representative, Division of Social Sciences

Member, urban social geography search committee

**1999**

*Publications and work completed*

1999a Miron, JR. 1999. Enumeration Area (EA) circles: a new accounting of neighborhood environments in Canada. *Urban Geography* 20(1), 31-45.

1999b Miron, JR. 1999. The Encyclopedia of Housing. *Regional Science and Urban Economics*, 29(5), 651-654.

2000d Miron, JR. 2000. *Löschian Competition in Video Rentals*. Mimeo. 23 pages.

*Citations of my work by others in 1999*

Berry, M. 1999. *Housing, Theory and Society* 16(3), 106-123

Bourassa, SC, et al. 1999. *Journal of Housing Economics* 8(2), 160-183

Bourne, LS, & Flowers, MR. 1999. *Changing Urban Places*.

Colderley, CA. 1999. *Journal of Policy History* 11(3), 283-312.

Dunn, JR. 1999. *Housing and Health Inequalities: Review and Prospects for Research*

Epp, M. 1999. *Women without men: Mennonite refugees of the Second World War*

Gendron, Y. 1999. *Revue d'histoire de l'Amérique française* 52(4), 533-561

Koebel, CT, & Murray, M. S. 1999 *Housing Studies* 14(2), 125-143

McCann, L. 1999. *Changing Suburbs: Foundations, Form, and Function*

McCann, L. 1999. *Suburbs of Desire*.

Miceli, TJ, & Sirmans, CF. 1999. *Journal of Housing Economics* 8(4), 301-311

Miller, H. 1999. *Geographical Analysis* 31(4), 373-399.

Thalmann, P. 1999. *Urban Studies* 36(11), 1933-1947

*Research grants and contracts completed*

Methods used abroad to support access to home ownership: a research survey, CMHC

Neighbourhood choice and change, SSHRCC

Renters and their housing; from the 1980s to the 1990s. CMHC

*Lectures and presentations*

*Loschian competition in Video Rentals*. Annual meeting of the Association of American Geographers, Pittsburgh, April 2000.

*Research grant awarded*

Selection bias approaches to spatial choice models; April 2000-March 2003, SSHRCC, sole investigator

*Reviewer*

Geographical Analysis

Journal of Urban Affairs

Great Lakes Geographer

Social Sciences Federation

*Other professional activity*

Judge for the best dissertation prize offered by the North American Regional Science Association

*Courses taught*

GGR B06H3. Planning in Canada. 100. Regular

GGR B27H3. Location and spatial development. 100. Regular

GGR C31H3. Metropolitan development and planning. 100. Regular

PLA 1102H1. Urban and regional modeling. 100. Regular

SOS A01H3. GIS and empirical reasoning. 100. Regular

*Graduate supervision*

Collins, Helen. Funding GO Transit: the Question of Municipal Cost-sharing, M.Sc. (pl) current issues paper supervisor. 43 p.

Iveson, John. A Policy Framework for Second Suites for the Town of Markham, M.Sc. (pl) current issues paper supervisor. 60 p.

Lan, Caroline. New Format Retail Developments in the Greater Toronto Area, M.Sc. (pl) current issues paper supervisor. 40 p.

Penfold, Robert. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor.

Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvjergian Perspective on School Closings in Toronto. Ph.D. dissertation supervisor.

Mok, Diana. Real Estate Liquidity Risks, Price Risks, and Cities. Ph.D. dissertation supervisor.

#### *Undergraduate supervision*

Maarenen, Richard. 2000. Bus route ridership in Toronto: an empirical model. GGR Do1Y research paper. 55 p.

#### *Administrative*

Member, Senior committee, Department of Geography

Supervisor of studies, Geography program, Division of Social Sciences

Discipline representative, Division of Social Sciences

Member, urban social geography search committee

### 1998

#### *Publications and work completed*

1998a Miron, JR. 1998. *Causal Model Building and Analysis using GIS*. Mimeo September 1998. 22 pages.

1998c Miron, JR. 1998. View from the door: a GIS study of neighbourhood environment. In Grafmeyer, Y, and Dansereau, F. (eds.), *Trajectoires Familiales et Espaces de Vie en Milieu Urbain*. Lyons. Presses Universitaires de Lyons. pp. 121-151.

1998d Miron, JR. 1998. Building cycle. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp 36-37.

1998e Miron, JR. 1998. Canada Mortgage and Housing Corporation. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 39-40.

1998f Miron, JR. 1998. Capital gain. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp 40-41.

1998g Miron, JR. 1998. Carrying costs. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 41.

1998h Miron, JR. 1998. Common interest development. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 61-62.

1998i Miron, JR. 1998. Development permit. . Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p.118.

1998j Miron, JR. 1998. Do it yourself. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp 123-124.

1998k Miron, JR. 1998. Growing equity mortgage. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 202.

1998l Miron, JR. 1998. Housing completions. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 261-262.

1998m Miron, JR. 1998. Housing demand. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 272-273.

1998n Miron, JR. 1998. Housing price. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 290-292.

1998o Miron, JR. 1998. Housing shortage. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 292-293.

1998p Miron, JR. 1998. Housing starts. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 293-294.

1998q Miron, JR. 1998. Housing supply. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 299-300.

1998r Miron, JR. 1998. Lease. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 324-325.

1998s Miron, JR. 1998. Maintenance. Van Vliet-, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 346-347.

- 1998t Miron, JR. 1998. Market segmentation. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 353-354.
- 1998u Miron, JR. 1998. Price-level adjusted mortgage. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 427.
- 1998v Miron, JR. 1998. Security deposit. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 522-523.
- 1998w Miron, JR. 1998. Setback requirements. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 531.
- 1998x Miron, JR. 1998. Shared appreciation mortgage. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 531.
- 1998y Miron, JR. 1998. Size of unit. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. pp. 541-542.
- 1998z Miron, JR. 1998. Space standards. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 551.
- 1998aa Miron, JR. 1998. Subdivision controls. Van Vliet--, W. (ed.) *The Encyclopedia of Housing*. Thousand Oaks CA: Sage. p. 562.
- 1998ab Miron, JR. 1998. Households and housing: choice and outcomes in the housing market. *Environment and Planning A*, 30(4), 753-754.
- 1998b Miron, JR. 1998. *Causal model building and analysis using GIS*.

*Citations of my work by others in 1998*

- Andreoni, J. & Scholz, JK. 1998. *Economic Inquiry*
- Bode, E, & Zwing, S. 1998. *Interregionale Arbeitskräftewanderungen: Theoretische Erklärungsansätze und empirischer Befund*
- Crook, T. 1998. *Netherlands Journal of Housing and the Built Environment* 13(3), 327-352.
- Dai, J. 1998. *Geographical Analysis* 30(2), 95-118
- Dupuis, J, & Goldstein. 1998. *Housing: Current Issues*.
- Ferguson, MR, & Kanaroglou, PS. 1998. *Geographical Analysis* 30(2) 119-137
- Feser, EJ, & Sweeney, SH. 1998. *US Department of Commerce, Economic Development*
- Harris, R. 1998. *Housing and Social Policy: A Historical Perspective on Canadian-American Differences*
- Harwitz, M, et al. 1998. *Papers in Regional Science* 77(3), 301-327.
- Long, DS. 1998. *Geoderma* 85(2-3), 181-197.
- Miles-Doan. 1998. *Social Forces* 77(2), 623-645.
- Murray, MS. 1998. *Population & Environment* 20(1), 55-76.
- Rose, D, & Villeneuve, P. 1998. *Urban Geography*
- Thalmann, P. 1998. *Urban Studies*
- Verdon, M. 1998. *Rethinking households: an atomistic perspective on European living arrangements*
- Wolfe, JM. 1998. *Housing Studies* 13(1), 121-133
- Wulff, MNN, & Maher, C. 1998. *Housing Studies* 13(1), 83-98

*Lectures and presentations*

- Causal model building and analysis using GIS*. ERSA annual meeting, Vienna, Austria, August 1998
- Housing Demand, Coping Strategies, and Selection Bias*. North American meeting of the Regional Science Association, Sante Fe NM, November 1998.

*Courses taught*

- GGR B06S. Planning in Canada. 100. Regular
- GGR B27F. Location and spatial development. 100. Regular
- GGR C18F. Metropolitan development and planning. 100. Regular
- JPG 1507H. Housing and housing policy. 100. Regular
- PLA 1102S. Urban and regional modeling. 25. Regular
- SOS A01S. GIS and empirical reasoning. 100. Regular

*Graduate supervision*

- Wu, Stella. The Housing Preferences of Vancouver's Aging Baby Boomers. M.Sc. (pl) current issues paper supervisor. 41 p.
- Ng, Mimi. Home Sweet Home? An Evaluation of Condominium Tenant Rights under Current Legislation. M.Sc. (pl) current issues paper supervisor. 39 p.
- Bylev, Gleb. A Statistical and Geographical Analysis of Ethnic Segregation and Diversity in Toronto. M.A. research paper supervisor. 50 p.
- Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor



Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvjergian Perspective on School Closings in Toronto. Ph.D. dissertation supervisor.

Mok, Diana. Real Estate Liquidity Risks, Price Risks, and Cities. Ph.D. dissertation supervisor.

*Administrative*

Member, Senior committee, Department of Geography

Supervisor of studies, Geography program, Division of Social Sciences

Discipline representative, Division of Social Sciences

Member, Department Plan 2004 committee.

**1997**

*Publications and work completed*

1997a Miron, JR, & Lo, L. 1997. A selection bias approach to destination choice. *Geographical Analysis* 29(2), 145-168.

1997b Miron, JR. 1997. Improving national housing surveys: a choice-theoretic framework. Després, C, and Piché, D. Eds. *Housing Surveys: Advances in Theory and Methods*. Centre de recherche en aménagement et développement, Université Laval. 59-71. OCLC 43630537

1998ae Miron, JR. 1998. *Selection Bias in Housing Choices: Evidence for Canada*.

*Citations of my work by others in 1997*

Bloomfield, GT, & Bloomfield, AV. 1997. *Great Lakes Geographer* 4(1)

Carter, T. 1997. *Housing Policy Debate*

Evenden, LJ. 1997. *Urban History Review* 25(2), 31-52.

Fong, E. 1997. *Canadian Studies in Population* 24(2), 103-123

Harris, R. 1997. *Urban History Review* 25(2), 3-4.

Huang, Y. 1997. *Transportation Research A*

Kemp, PA. 1997. *A comparative study of housing allowances*

Lanska, DJ. 1997. *Journal of the Neurological Sciences*

Skelton, I. 1997. *Housing Studies* 11(2), 189-206.

Skelton, I. 1997. *Geoforum* 28(1), 79-89.

Smith, BE. 1997. *Journal of Planning Literature* 12, 115-135.

Teixeira, C. 1997. *Great Lakes Geographer* 4(1)

Wekerle, GR. 1997. *Women and the Canadian Welfare State*

Zhang, C, & Selinus, O. 1997. *Science of the Total Environment* 204(3), 251-262

*Lectures and presentations*

*Selection bias in housing choices: evidence for Canada*. Annual meeting of the Association of American Geographers, Boston, March 1998.

*Courses taught*

GGR B06S. Planning in Canada. 100. Regular

GGR B27F. Location and spatial development. 100. Regular

GGR C31F. Metropolitan development and planning. 100. Regular

PLA 1002S. Urban and regional modeling. 25. Regular

*Graduate supervision*

Penfold, R. Uncertainty, Risk, and Location. Ph.D. dissertation supervisor.

Basu, Ranu. The Geography of Neighbourhood Based Collective Action: A Flyvjergian Perspective on School Closings in Toronto. Ph.D. dissertation supervisor.

Canzi, Michael. Paying for GO transit: municipal cost sharing and the alternatives. M.Sc. (pl) current issues paper supervisor. 33 p.

Kosciuk, Renata. A Condominium Conversion Policy for Scarborough. M.Sc. (pl) current issues paper supervisor. 39 p.

Skinner, Justin. The Practice and the Technology of Modern Urban Planning Information Systems: A Planner's Guide. M.Sc. (pl) current issues paper. 44 p.

*Undergraduate supervision*

Jarvis, Mary, 1998. Residential satisfaction surveys: application for alternative development standards projects. GGRD01Y Research Paper. 28 p.

*Administrative*

Member, Division of Social Sciences promotion committee

Member, Senior committee, Department of Geography

Member, Internal research evaluation for Csillag promotion

Discipline representative, Division of Social Sciences

## 1996

### Publications and work completed

1996a Miron, JR. 1996. Affordability and the demand for separate accommodation. *Environment and Planning A* 28, 1997-2020.

1997c Miron, JR. 1997. *Choice, Competition and Neighborhood Assignment*. 20 pages.

### Citations of my work by others in 1996

Bourne, LS. 1996. *The Canadian Geographer* 40(1), 2-16.

Cheal, DJ. 1996. *New poverty: Families in postmodern society*

Cox, J, et al. 1996. *Water Resources Journal* 21(3), 237-251.

Gilderbloom, JI, & Markham, JP. 1996. *Journal of Urban Affairs* 18(4), 409-430

Graham, JR. 1996. *The Social Service Review* 70(1), 140-158.

Guay, L. 1996. *Le phénomène régional au Québec*

Skelton, I. 1996. *Housing Studies* 11(2), 189-206.

Tirtiroğlu, D. 1996. *Journal of Housing Economics*

Wiltshaw, DG. 1996. *Journal of Property Research* 13(4), 275-286.

### Lectures

Choice, competition, and neighborhood assignment. Annual Meeting of the American Association of Geographers, Fort Worth, April, 1997.

### Reviewing

Journal of Regional Science

Geographical Analysis

### Courses taught

GGR B06F. Planning in Canada. 100. Regular

GGR B27F. Location and spatial development. 100. Regular

GGR C04S. Urban residential geography. 100. Regular

GGR C18S. Urban transportation policy analysis. 100. Regular

SOS A01S. GIS and empirical reasoning. 100. Regular

### Graduate supervision

Basu, Ranu. Constructing a "locality based model of collective action": a look at school based care within public elementary schools in Scarborough. MA Research Paper. Completed January 1997. 82 p.

McCammond, Julia. Financing of GO Transit. M.Sc. (pl) current issues paper supervisor.

### Undergraduate supervision

Jerschow, Oliver. 1997. Changing neighbourhood design: roles of households, developers, builders, and planners. GGR491Y Research Project completed January 1997. 59 p.

Ng, Mimi. 1997. Population characteristics of condominium and non-condominium dwellers. GGR491Y Research Project. 56 p.

### Administrative

Member, Division of Social Sciences promotion committee

Member, Scarborough College Computing Committee

Member, Teaching evaluation committee for Bunce, Amrhein promotions

Member, Teaching evaluation committee for Ruddick tenure

## 1995

### Publications and work completed

1995b Miron, JR. 1995. *Domestic production, housing demand, and residential location*. Mimeo. 22 pages.

1995c Miron, JR. 1995. Place to place rent comparisons among Canadian cities. *Geographical Analysis* 27(2). 116-136.

1995d Miron, JR. 1995. Private rental housing: the Canadian Experience. *Urban Studies* 32(3). 579-604.

1995e Miron, JR. 1995. *Löschian competition in an emerging retail industry*. Mimeo. 13 pages.

1996b Miron, JR. 1996. *View from the Door: a GIS Study of Neighborhood Environment*. Mimeo. 34 pages.

1996c Miron, JR, & Lo, L. 1996. *A Selection Bias Approach to Destination Choice*. Mimeo.

*Citations of my work by others in 1995*

- Bourne, L, et al. 1995. *New Urban and Regional Geographies*
- Britton, HS. 1995. *Decentralization and Local Innovation*
- Bunce, RGH, et al. 1995 *Integration of Methods for Detecting Land-use Change*.
- Christopher, EJ, et al. 1995. *Transportation Research Record*
- England, KVL. 1995. *Environment and Planning A* 27(12), 1995-2018.
- Forrest, R, & Murie, A. 1995. *Household and Family Wealth*
- Gatslaff, DH, & Tirtiroglu, D. 1995. *Journal of Real Estate Literature* 3(2), 157-189.
- Halseth, G, & Rosenberg, M. 1995. *The Canadian Geographer* 39(4), 336-352.
- Huang, Y. 1995. *Transportation and the location of interactive activities*.
- Hubert, F. 1995. *Regional Science and Urban Economics* 25(5), 631-654
- Matthews, C, 1995. Economic and social factors behind housing altera Mensah, J. 1995. *Tijdschrift voor economische en sociale geografie* 86(4), 368-381
- Mercer, J. 1995. *Urban Studies* 32(6), 1030-1032
- Pomeroy, SP. 1995. *Housing Policy Debate* 6(3), 619-653
- Poulton, M. 1995. *Home Remedies*
- Purdy, S. 1995. *Urban History Review* 23(2), 45-49.
- Smith, LB. 1995. *Home Remedies*
- Steele, M. 1995. *Two Kinds of Canadian Housing Allowance*
- Villeneuve, P. 1995. *Sociologie et Sociétés*

*Lectures and presentations*

- A Selection Bias Approach to Destination Choice*. Annual meeting of the Association of American Geographers, Charlotte NC, April 1996.
- View from the Door: a GIS Study of Neighborhood Environment*. Annual meeting of the Association of American Geographers, Charlotte NC, April 1996.
- Löschian competition in an emerging retail industry*. North American meeting of the Regional Science Association, November 1995

*Courses taught*

On research leave

*Graduate supervision*

Basu, Ranu, MA, Neighbourhood political action, MA research paper supervisor.

*Administrative*

On research leave

## 1994

*Publications and work completed*

- 1995a Miron, JR. 1995. *Estimation of neighbourhood choice: a simulation experiment*.
- 1994a Miron, JR. 1994. *Private Rental Housing: The Canadian Experience*. Discussion Paper 7. York UK: Centre for Housing Policy, University of York. 60 pages.
- 1994b Miron, JR. 1994. *Immiseration of the Baby Boom: Earnings, Cohort Size, and Female Workforce Participation*. Mimeo. 34 pages.
- 1994d Miron, JR. 1994. *Domestic Production, Housing Demand, and Residential Location*. . Mimeo

*Citations of my work by others in 1994*

- Ashworth, 1994. *Gtjidschrift voor economische en sociale geografie*
- Dökmeçi, V, Berköz, L. 1994. *European Planning Studies*
- Hamley, W. 1994. *Geographical Journal*
- Harris, R. 1994. *Social Science History* 18(1), 31-53.
- Howenstine, EJ. 1994. *Tijdschrift voor Economische en Sociale Geografie* 85(3), 284-285.
- Hulchanski, JD. 1994. *Discrimination in Ontario's rental housing market*
- Keshen, J. 1994. *Journal of Canadian Studies* 29(4), 111-143.
- Keshen, J, & Voisey, P. 1994. *Acadiensis* 23(2), 182-190
- Majury, N. 1994. *The Canadian Geographer* 38(3), 265-270.
- Nash, A. 1994. *Progress in Human Geography* 18(1), 84-91.
- Sharpe, B. 1994. *Professional Geographer*
- Skelton, I. 1994. *Journal of the American Planning Association* 60(2), 282-283
- Stephens, M. 1994, *Area* 26(4), 397-398
- Thorns, DC. 1994. *Housing Studies*

Wade, J. 1994. *Houses for All: The Struggle for Social Housing in Vancouver, 1919-50*.

*Research grants and contracts completed*

Modeling of living arrangements: theory and estimation, SSHRCC

*Lectures and presentations*

*Estimation of neighbourhood choice: a simulation experiment*. Annual meeting of the American Association of Geographers, Chicago, March, 1995

*Domestic Production, Housing Demand, and Residential Location*. North American meeting of Regional Science Association, November 1994.

*Courses taught*

GGR 400H. Special topics in Geography. 100. Grats

GGR B06F. Planning in Canada. 100. Regular

GGR B27F. Location and spatial development. 100. Regular

GGR C18S. Urban transportation. 100. Regular

PLA 1553H. Urban transportation policy analysis. 100. Regular

*Graduate supervision*

Kueper, Beverly, MA, The changing living arrangements of youth: from residential independence back to the parental home, MA research paper supervisor. 60 p.

*Undergraduate supervision*

McDonald, Andrew. 1995. The emergence of high-technology industries: a new prospect for growth. GGRD01 research paper. 36 p.

*Administrative*

Member, Division of Social Sciences promotion committee

Discipline representative, Division of Social Sciences

Member, Scarborough College Computing Committee

Member, Division of Physical Sciences Review Committee

Member, Graduate Admissions Committee

Member, England tenure committee

## 1993

*Publications and work completed*

1994c Miron, JR. 1994. *Household Production and Residential Geography*. Mimeo.

1993a Miron, JR. (ed.) 1993. *Habitation et milieu de vie: l'évolution du logement au Canada, 1945 à 1986*. McGill-University Press and Canada Mortgage and Housing Corporation. ISBN 0773511210. OCLC 29597318. French translation of 1993b.

1993b Miron, JR. (ed.) 1993. *House, Home, and Community: Progress in Housing Canadians, 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. 454 p. ISBN 0773511210 OCLC 66149051.

1993c Miron, JR. 1993. Chapter 1: on progress in housing Canadians. Miron, JR. (ed). *House, Home, and Community: Progress in Housing Canadians. 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. pp 7-21.

*Cited in*

Halseth, G, &, Rosenberg, M. 1995. *The Canadian Geographer*

1993d Miron, JR. 1993. Chapter 2: demographic and economic factors in housing demand. Miron, JR. (ed). *House, Home, and Community: Progress in Housing Canadians. 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. pp 22-40.

1993e Miron, JR. 1993. Chapter 21: lessons learned From Canada's postwar housing experience. Miron, JR. (ed). *House, Home, and Community: Progress in Housing Canadians. 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. pp 353-370.

*Cited in*

Cross, M. 1993. *Urban Studies*

1993f Miron, JR. 1993. Appendix A: glossary. Miron, JR. (ed). *House, Home, and Community: Progress in Housing Canadians. 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. pp 391-410.

- 1993g Miron, JR. 1993. Appendix B: key event chronology. Miron, JR. (ed). *House, Home, and Community: Progress in Housing Canadians. 1945-1986*. McGill-Queen's University Press and Canada Mortgage and Housing Corporation. pp 411-418.
- 1993h Miron, JR. 1993. Demography, living arrangement, and the residential geography of Canadian Cities. In L.S. Bourne and D. Ley (eds.), *The Changing Social Geography of the Canadian City*. McGill-Queen's University Press. pp 76-102.
- 1993i Miron, JR. 1993. The Maze of Urban Housing Markets: Theory, Evidence and Policy. *Environment and Planning A*, 25(7), 1053-1054.
- 1993j Miron, JR. 1993. Land and the City: Patterns and Processes of Urban Change. *Environment and Planning A*, 25(8), 1216-1217.
- 1993k Miron, JR. 1993. *Immiseration of the Baby Boom: Male Earnings, Cohort Size and Female Workforce Participation*. Mimeo. 30 pages.
- 1993l Miron, JR. 1993. *Place-to-Place Rent Comparisons for Canadian Cities*. Paper presented at the annual meeting of the Association of American Geographers, Atlanta.

*Citations of my work by others in 1993*

- Bourne, LS. 1993. *Urban Studies* 30(8), 1293-1317.
- Denton, FT, Robb, AL, & Spencer, BB. 1993. *Empirical Economics* 18(2), 215-231
- Howenstine, EJ. *Tijdschrift voor economische en sociale geografie* 85(3), 284-285.
- Meligrana, J. 1993. *Environment and Planning A* 25(7), 961-973.
- Reis, EJ, & Guzmán. 1993. *Pesquisa e Planejamento Economico*
- Steele, M. 1993. *Urban Studies* 30(1), 103-126
- Tilke, C. 1993. *Statistical Papers* 34(1), 263-270.

*Lectures and presentations*

- Household Production and Residential Geography*. Annual meeting of the Association of American Geographers, April 1994. Mimeo.

*Courses taught*

- GGR B06S. Planning in Canada. 100. Regular
- GGR B27F. Location and spatial development. 100. Regular
- GGR C04F. Residential geography. 100. Regular
- GGR C31S. Metropolitan development and planning. 100. Regular

*Graduate supervision*

- Kuczynski, Roman, MA, An Evaluation of the Hedonic Technique for the Measurement of Neighbourhood Quality, MA research paper supervisor. 67 p.
- Wang, James Jixian, PhD, Activity analysis of travel demand, and household structure, Thesis supervisor.

*Undergraduate supervision*

- Vavaroutsos, Bob. 1994. Are census tracts still a good representation of neighbourhoods? Geography BA thesis. 36 p.
- Basu, Ranu. 1994. Collective action and school daycare in Scarborough: a GIS analysis. GGRD01 Research Project. 60 p.

*New appointment*

- J. Rowntree Foundation Visiting Professor of Housing Policy, University of York, York, England

*Administrative*

- Member, Division of Social Sciences promotion committee
- Discipline representative, Division of Social Sciences
- Member, Scarborough College Computing Committee

**1992**

*Publications and work completed*

- 1992a Miron, JR. 1992. *Report on the State of the Nation's Housing*. Final report submitted to Canada Mortgage and Housing Corporation, March 1992. 94 pages.
- 1992b Miron, JR. 1992. The changing demand for housing in Canada. *Views*, Spring 1992. 2p. Published by Royal Bank Investment Management Inc.
- 1992c Miron, JR. 1992. *Income Prospects, Housing Affordability, and Housing Policy; the Canadian Experience*. Mimeo. 19 pages.

1992d Miron, JR. 1992. *Immiseration of the baby boom: earnings, cohort size, and female workforce participation*. Mimeo. 32 pages.

*Citations of my work by others in 1992*

Balakrishnan, TR, & Zu, W. 1992. *Canadian Journal of Sociology*  
 Bunce, RGH, et al. 1992. *Integration of methods for detecting land use change*  
 Champion, 1992. *Migration processes and patterns*.  
 Chrisman, JJ, et al. 1992. *Entrepreneurship and Regional Development* 4, 339-355  
 Dunkerson, J. 1992. *Urban History Review* 20(2-3), 106-116  
 Gober, P. 1992. *Progress in Human Geography* 16(2), 171-189.  
 Ho, LS. 1992. *Urban Studies* 29(7), 1183-1190  
 Kim, Y. 1992. Urban dynamics and the role of public policy: an analysis of urban hardship and fiscal institutions  
 Li, Z, & Leighton, HG. 1992. *Journal of Applied Meteorology* 31, 421-432.  
 Reis, EJ. 1992. *An Econometric Model of Amazon Deforestation*.  
 Sanders, L. 1992. *Anthropos*  
 Sanders, L. 1992. *Système de villes et synergie*.

*Lectures and presentations*

*Income Prospects, Housing Affordability, and Housing Policy; the Canadian Experience*. Annual meeting of the Association of American Geographers, San Diego, April 1992.

*Courses taught*

GGR B27F. Location and spatial development. 100. Regular  
 GGR Co4S. Residential geography. 100. Regular  
 GGR C18S. Urban transportation. 100. Regular  
 GGR C24F. Advanced quantitative methods. 100. Regular  
 PLA 1553H. Urban transportation policy analysis. 100. Regular

*Graduate supervision*

Sigurdsson, Haraldur, M.Sc. (pl), Transit service and planning practice in Reykjavik: an analysis of past trends and current directions, Current issues paper supervisor.  
 Wang, James Jixian, PhD, Activity analysis of travel demand, and household structure, Thesis supervisor.

*Undergraduate supervision*

Fillinger, Steven. 1993. Planning theory with an evaluation of the potential for land use impact with the implementation of the Sheppard subway line (North York section). Geography BA thesis. 61 p.

*Administrative*

Member, Department of Geography promotion committee  
 Member, Division of Social Sciences promotion committee  
 Member, Social Sciences search committee (environmental CLTA)

**1991**

*Publications and work completed*

1991a Miron, JR. 1991. *Immiserizing of the Baby Boom and Changes in Living Arrangement: Recent Evidence for Canada*. 38 pages.  
 1991b Miron, JR. 1991. Slowing growth of housing demand. *Canadian Housing*, 7(4), 11-15.

*Citations of my work by others in 1991*

Bourne, LS. 1991. Addressing the Canadian city: contemporary perspectives, trends, and issues  
 Dowall, DE, & Treffeisen, PA. 1991. *Regional Science and Urban Economics* 21(2), 201-224  
 Fotheringham, A, S,, & Wong, DW. S. 1991. *Environment and planning A* 23(7), 1025-1044.  
 Hanly, K. 1991. *Journal of Business Ethics*  
 Lehrer, KA. 1991. *The Landlord as Scapegoat*.  
 Marks, D. 1991. *Urban Studies* 28(3), 415-431  
 Nairne, KE. 1991. *The Housing Needs of Mature Women Living Alone*  
 Ray, BK, & Moore, E. 1991 *Canadian Review of Sociology* 28(1), 1-29.  
 Rothenberrg, J, et al. 1991. *The Maze of Urban Housing Markets: Theory, Evidence, and Policy*  
 Steele, M. 1991. *Conversion, Condominiums and Capital Gains*.  
 Strong-Boag, V. 1991. *Canadian Historical Review* 72(4), 471-504.

*Research grants and contracts completed*

State of the Nation's Housing Report, CMHC  
 The Slowing Growth of Housing Demand: An Empirical Examination of Causes and Consequences, SSHRC

*Lectures and presentations*

Income Prospects, Housing Affordability, and Housing Policy: the Canadian Experience. *Annual meeting of the Association of American Geographers*, San Diego, April 1992.  
*Immiserizing of the Baby Boom and Changes in Living Arrangement: Recent Evidence for Canada*. North American meeting of the Regional Science Association, New Orleans LA, November 1991.

*Courses taught*

On administrative leave

*Graduate supervision*

Wang, James Jixian, PhD, Activity analysis of travel demand, and household structure, Thesis supervisor.

*Undergraduate supervision*

Beitinger, Andrea. 1992. Delaying leaving the "nest": why are children leaving home at later ages than in previous decades? Geography BA thesis. 25 p.

*Administrative*

Member, Teaching evaluation committee for Roweis promotion  
 Internal research evaluation, promotion to full professor, University of Toronto  
 External reviewer, tenure review, York University

**1990***Publications and work completed*

- 1990a Miron, JR. 1990. Security of tenure, costly tenants, and rent regulation. *Urban Studies* 27(2), 167-184.  
 1990b Miron, JR. 1990. *Security of Tenure Issues and Cooperative Housing Tenure*. Paper prepared for Canada Mortgage and Housing Corporation, August 1990. 37 p.  
 1990d Miron, JR. 1990. *Living Arrangements and Housing Stock*. Mimeo.

*Citations of my work by others in 1990*

Choko, M, & Harris, R. 1990. *Annals of the Association of American Geographers* 80(1), 73-95.  
 Fallis, G. 1990. *Urban Studies* 27(6), 877-903.  
 Fillion, P, & Bunting, TE. 1990. *Housing Studies*.  
 Fujita, M. 1990. *New Frontiers in Regional Science*  
 Handa, DR. 1990. *More of the Same*.  
 Marcoux, R, et al. 1990. *Cahiers québécois de démographie* 19(2), 273-280.  
 Walker, R, & Calzonetti, F. 1990. *Regional Studies* 24(1), 15-30.

*Research grants and contracts completed*

Security of Tenure and Non-profit Housing Co-operatives, CMHC

*Lectures and presentations*

*Living Arrangements and Housing Stock*. North American meeting of the Regional Science Association, November 1990.

*Courses taught*

GGR B31S. Introduction to data analysis. 100. Regular  
 GGR C24F. Advanced quantitative methods. 100. Regular  
 JEG B27F. Location and spatial development. 100. Regular

*Graduate supervision*

Wang, James Jixian, PhD, Activity analysis of travel demand, and household structure, Thesis supervisor.  
 Birch, Whitney, M.Sc. (pl), Urban Transportation Policy Analysis, Reading course supervisor.  
 Nishibayashi, Motohiko, M.Sc. (pl), Urban Transportation Policy Analysis, Reading course supervisor.  
 Onyskay, B. Stephen, M.Sc. (pl), Urban Transportation Policy Analysis, Reading course supervisor.

*Administrative*

Chair, Division of Social Sciences, Scarborough College. Chair of all tenure committees and promotion committees during these years member/chair of search committees, member of General Policy Committee of College Council, and assessor to SGS Council.  
 Member, Department of Geography Senior Committee

**1989***Publications and work completed*

- 1990c Miron, JR. 1990. *Canada's Postwar Housing Experience*. Mimeo. 20 pages.

- 1989a Miron, JR. 1989. *Slowing Growth of Housing Demand*. 33 p.
- 1989b Miron, JR. 1989. *The Affordability Enigma*.
- 1989c Miron, JR. 1989. Household formation, affordability, and housing policy. *Population Research and Policy Review* 8, 55-77.

*Research grants and contracts completed*

Housing Progress in Canada Since 1945, CMHC

*Citations of my work by others in 1989*

- Arnold, E, & Skaburskis, A. 1989. *Social Indicators Research* 21(5), 501-515
- Bourne, LS. 1989. *Canadian Geographer* 33(4), 312-328
- Boyd, M, & Pryor, E. 1989. *Canadian Journal of Sociology*
- Bunting, TE. 1989. *Canadian Geographer* 33 (2). 185-186.
- Carroll, BW. 1989. *Urban History Review* 18(1), 64-74.
- Choko, MH, & Harris, R. 1989. *L'évolution du mode d'occupation des logements ...*
- Chouinard, V. 1989. *Transactions of the Institute of British Geographers* 14(3), 329-349.
- Congdon, P. 1989. *Regional Studies* 23(2), 87-103.
- Harris, R. 1989. *The Family Home in Working-class Life*
- Harris, R. 1989. *Labour* 24, 279-280
- Krishnan, P. 1989. *Contemporary Sociology - A Journal of Reviews* 18(4), 584-585
- Morin, R. 1989. *Canadian Journal of Community Mental Health*
- Rosenberg, MW. 1989. *Canadian Public Policy* 15(2), 242-242
- Swartz, D. 1989. *Canadian Public Policy* 15(2), 241-242.
- Vanderkamp, J. 1989. *Papers of the Regional Science Association* 67, 103-119.
- Weaver, JC. 1989. *Canadian Historical Review* 70(3), 468-470.

*Lectures and presentations*

- The Affordability Enigma*. Annual meeting of the Canadian Population Society Meeting, Québec City, May 1989.
- Slowing Growth of Housing Demand*. North American meeting of the Regional Science Association, Santa Barbara (Cal.), November 1989.
- Canada's postwar housing experience*. Annual Meeting of the Association of American Geographers, Miami, April 1990.

*Courses taught*

- GGR B31S. Introduction to data analysis. 100. Regular
- JEG B27F. Location and spatial development. 100. Regular

*Graduate supervision*

McKeown, Larry E, PhD, Urban public transit subsidies: theory and policy analysis with an assessment of commuter rail in the greater Toronto area. 192, vi, Thesis supervisor.

*Administrative*

- Chair, Division of Social Sciences, Scarborough College. Chair of all tenure committees and promotion committees during these years member/chair of search committees, member of General Policy Committee of College Council, and assessor to SGS Council.
- Member, Management Board for CUEW contract
- Member, Department of Geography Workload Committee
- Member, Teaching evaluation committee, Department of Geography promotion
- Acting Supervisor of Studies, College Program in Development Studies

**1988**

*Publications and work completed*

- 1988a Miron, JR. 1988. *Housing in Postwar Canada: Demographic Change, Household Formation and Housing Demand*. Montréal: McGill-Queen's Press. 309 p. ISBN 0773506144. OCLC 19513816.
- 1988b Miron, JR. 1998. *The Condominium Sector in Ontario*. Mimeo

*Cited in*

Steele, M. 1993. *Urban Studies* 30(1), 103-126

*Citations of my work by others in 1988*

- Benson, BL, & Faminow, MD. 1988. *Public Finance Quarterly* 16(2), 158-177
- Boots, B.N, & Kanaroglou, P.S. 1988. *Journal of Regional Science*
- Dierx, AH. 1988. *Annals of Regional Science* 22(3), 99-110.
- Hanson, S, & Pratt, G. 1988. *Economic Geography* 64(4), 299-321
- Hulchanski, JD. 1988. *Urban Law and Policy* 9(2), 135-156



Mok, D. 1988. *Urban Studies* 39(7), 1095-1112.  
 Navarro, AV. 1988. *Estudios Regionales* 21, 159-171.  
 Odland, J. 1988. *Geographical Analysis* 20(4), 281-296.  
 Phipps, AG. 1988. *Geographical Analysis* 20(3), 231-248.  
 Phipps, AG. 1988. *Geographical Analysis* 20(4), 281-296.  
 Skaburskis, A. 1988. *Canadian Journal of Regional Science*  
 Smith, L. 1988. *Journal of Real Estate Finance and Economics*  
 Smith, LB. 1988. *Journal of Real Estate Finance and Economics* 1(3), 217-231.  
 Smith, L. 1988. *Canadian Public Policy* 14(4), 390-398.  
 Tabuchi, T. 1988. *Regional Studies* 22(1), 1-10

#### Courses taught

GGR B31S. Introduction to data analysis. 100. Regular  
 GGR C18F. Urban transportation. 100. Regular  
 JEG B27F. Location and spatial development. 100. Regular

#### Graduate supervision

McKeown, Larry E, PhD, Urban public transit subsidies: theory and policy analysis with an assessment of commuter rail in the greater Toronto area. 192, vi, Thesis supervisor.

#### Administrative

Chair, Division of Social Sciences, Scarborough College. Chair of all tenure committees and promotion committees during these years member/chair of search committees, member of General Policy Committee of College Council, and assessor to SGS Council.

Member, Search Committee for Chair of Physical Sciences  
 Member, Department of Geography Senior Committee

## 1987

#### Publications and work completed

- 1987a Miron, JR, and Clayton, F. 1987. *Housing in Canada, 1945 to 1986: An Overview and Lessons Learned*. Canada Mortgage and Housing Corporation. OCLC 70336105.
- 1987c Miron, JR. 1987. Security of tenure, costly tenants, and rent regulation. Arnott, R.J, & Mintz, J.M. (eds.) *Policy Forum on Rent Controls in Ontario*. Policy Forum Series 13. Kingston: John Deutsch Institute for the Study of Economic Policy. 42-66.

#### Citations of my work by others in 1987

Findley, S. 1987. *Demography* 24(2), 163-190  
 Findley, SE. 1987. *Brown University Studies in Population and Development*  
 Haining, R. 1987. *Mathématiques et Sciences Humaines* 99, 5-25.  
 Harris, R. 1987. *The Canadian Geographer* 31(3), 262-267.  
 Hofmann, GT. 1987. *Near-elderly single-person households in core need*  
 Jones, DW, & Krummel, JR. 1987. *Journal of Regional Science* 27(2), 157-183  
 Miyao, T. 1987. *Handbook of regional and urban economics* 2, 877-925  
 Moore, TR. 1987. *Canadian Geographer* 31(3), 267-272  
 Morin, R. 1987. *Canadian Studies in Population* 14(2), 243-260.  
 Morrison, PH. 1987. *Geographers and the labour market*.

#### Lectures and presentations

*Security of tenure, costly tenants, and rent regulation*. Policy Forum on Rent Controls in Ontario. Kingston, John Deutsch Institute for the Study of Economic Policy, Autumn 1987.

#### Courses taught

GGR B31S. Introduction to data analysis. 100. Regular  
 GGR C31S. Metropolitan planning. 100. Regular  
 JEG B27F. Location and spatial development. 100. Regular

#### Graduate supervision

McKeown, Larry E, PhD, Urban public transit subsidies: theory and policy analysis with an assessment of commuter rail in the greater Toronto area. 192, vi, Thesis supervisor.  
 Lo, Pui-Chun Lucia, PhD, Spatial structure and consumer preferences: a translog model of shopping demand (honourable mention, AAG Nystrom award for best dissertation in Geography, 1990). 295, xiv, Thesis supervisor.

*Administrative*

Chair, Division of Social Sciences, Scarborough College. Chair of all tenure committees and promotion committees during these years member/chair of search committees, member of General Policy Committee of College Council, and assessor to SGS Council.

Assessor, Planning and Priorities Committee of Governing Council

Member, Provostial Task Force on Commerce Programs

Member, SGS search committee, Centre for Urban and Community Studies

Acting Supervisor of Studies, College Program in Development Studies

Member, SGS review committee, Centre for Urban and Community Studies

**1986***Publications and work completed*

1987b Miron, JR. 1987. *Housing Stock, Affordability, and Choice of Living Arrangements*. 32p.

*Citations of my work by others in 1986*

Amrhein, CG. 1986. *Geographical Analysis* 18(1), 1-18.

Bourne, LS. 1986. *Housing Studies* 1(2), 122-128.

Clapp, JM. 1986. *Journal of Regional Science* 26(1), 33-46

Clark, GL. 1986. *Environment and Planning A* 18(6), 803-825.

Curry, L. 1986. *Tijdschrift voor economische en sociale geografie* 77(3), 169-177.

Fischer, MM. 1986. *Environment and Planning A* 18(11), 1417-1420.

Fujita, M. 1986. *Urban Land Use Theory*

Guldmann, JM. 1986. *Mathematical Modelling* 7(1), 61-81

Haining, RP. 1986. *Applied Geography* 6(3), 276-277

Harris, R. 1986. *Histoire Sociale-Social History* 19(37), 121-138

Harris, R. 1986. *International Journal of Urban and Regional Research* 10(1), 67-86

Harris, R. 1986. *The Canadian Geographer* 30(4), 305-315.

Harris, R. 1986. *Housing Studies* 1(3), 133-146

Maier, G. 1986. *The Impact of Optimal Search Models on the Modeling of Migration Behavior*. IIR Discussion 29.

Rodriguez-Bachiller, A. 1986. *Urban Studies* 23(1) 79-104

Rogerson, PA. 1986. *Journal of Regional Science* 26(1), 191-193

Rosenthal, CJ. 1986. *Canadian Journal on Aging* 5(1), 27-42.

Schweizer, U. 1986. *Location theory*

Weikum, GL. 1986. *Housing consumption of empty nest households*

*Lectures and presentations*

*Housing Stock, Affordability, and Choice of Living Arrangements*. Annual meeting of the Association of American Geographers, Portland, April 1987.

*Courses taught*

JEG B27F. Location and spatial development. 100. Regular

PLA 1553S. Urban transportation planning. 100. Regular

*Graduate supervision*

McKeown, Larry E, PhD, Urban public transit subsidies: theory and policy analysis with an assessment of commuter rail in the greater Toronto area. 192, vi, Thesis supervisor.

Lo, Pui-Chun Lucia, PhD, Spatial structure and consumer preferences: a translog model of shopping demand (honourable mention, AAG Nystrom award for best dissertation in Geography, 1990). 295, xiv, Thesis supervisor.

*New appointment*

Professor (1 July 1986)

Chair, UTSC Division of Social Sciences (1 July 1986)

*Administrative*

Chair, Division of Social Sciences, Scarborough College. Chair of all tenure committees and promotion committees during these years member/chair of search committees, member of General Policy Committee of College Council, and assessor to SGS Council.

**1985***Publications and work completed*

None

*Citations of my work by others in 1985*

- Amrhein, CG. 1985. *Environment and Planning A* 17(8), 1111-1126.
- Amrhein, CG, & MacKinnon, RD. 1985. *Regional Studies* 19(3), 193-202.
- Baranwal, JP, & Ram, B. 1985. *Journal of Comparative Family Studies* 16(1), 61-73
- Barber, GM. 1985. *Canadian Geographer* 29(3), 285-286
- Bloomfield, E. 1985. *Urban History Review* 14(2), 135-191.
- Boddy, M. 1985. *Urban Studies*
- Boots, BN. 1985. *Economic Geography* 61(2), 199-201
- Chrisman, JJ. 1985. *International Small Business Journal* 3(4), 26-46.
- Dieleman, F. 1985. *Geographical Analysis* 17(4), 351-352
- Evans, AW. 1985. *Urban Studies*
- Dunn, R. 1985. *Progress in Human Geography* 9 (3), 462-464. 1985
- Gatrell, AC. 1985. *European Journal of Operational Research* 20(1), 123-124
- Giese, E. 1985. *Geographische Zeitschrift* 73(1), 61-61
- Jackson, R. 1985. *Urban Studies*
- Leinbach, TR. 1985. *Professional Geographer* 37(2), 232-233
- Monkman, N, & Shortreed, J. 1985. Transport impacts of changing household structures
- Niebanck, PL. 1985. *The Rent Control Debate*
- Pearce, BJ. 1985. *Urban Studies* 22(6), 552-553.
- Schaeffer, P. 1985. *Journal of Regional Science* 25(1), 103-114.
- Seto, DWH. 1985. *Condominium Conversion Regulations in British Columbia*
- Stevens, BH. 1985. *Journal of Regional Science* 25(4), 663-685
- Vandijk, J, & Folmer, H. 1985. *Regional Studies* 19(3), 243-256.
- Yu, Z, Yü, T, & Liu, K. 1985. *Academia Sinica*

*Research grants and contracts completed*

Housing Stock, Affordability, and Choice of Living Arrangements, SSHRCC

*Courses taught*

- GGR B31S. Introduction to data analysis. 100. Regular
- GGR C18F. Urban transportation. 100. Regular
- GGR C31S. Metropolitan planning. 100. Regular
- JEG B27F. Location and spatial development. 100. Regular
- PLA 1553H. Urban transportation planning. 100. Regular

*Graduate supervision*

- Lo, Pui-Chun Lucia, PhD, Spatial structure and consumer preferences: a translog model of shopping demand (honourable mention, AAG Nystrom award for best dissertation in Geography, 1990). 295, xiv, Thesis supervisor.
- Cornish, Sue, M.Sc.(pl), An implementation analysis of the Canada Rental Supply Plan: a potential need for local housing market data. 50 p. Current issues paper supervisor.

*Administrative*

Supervisor of Studies for Major and Specialist Geography Programs

**1984***Publications and work completed*

- 1984a Steele, M, & Miron, JR. 1984. *Rent Regulation, Housing Affordability Problems, and Market Imperfections*. Research Study No. 9. Ontario Commission of Inquiry into Residential Tenancies. 105p.
- 1984b Miron, JR. 1984. *Housing Affordability and Willingness to Pay*. Research Paper No. 154. Centre for Urban and Community Studies. University of Toronto. 153p.
- 1984c Miron, JR. 1984. Spatial autocorrelation in regression analysis: a beginner's guide. In G.L. Gaile and C.J. Wilmott (eds.), *Spatial Statistics and Models*. D. Reidel Publishing Company. 201-222.

*Research grants and contracts completed*

The Security of Tenure Benefit of Rent Review, Tenant Umbrella Group

Rent Regulation as a Policy Instrument for Alleviating the Housing Affordability Problem, Thom Commission (Residential Tenancies)

*Citations of my work by others in 1984*

- Arnott, R. 1984. *Canadian Public Policy* 10(1), 105-106.
- Bunce, RGH, et al. 1984. *Models for Predicting Changes in Rural Land Use*
- Clapp, JM. 1984. *Papers in Regional Science* 54, 13-24
- Gordon, P, & Ledent, J. 1984. *Conference on Urban Growth and Economic Development*. Institute of Economics, Academia Sinica

Green, BH, et al. 1984. *Ecological considerations in rural planning*  
 Griffith, DA. 1984. *Spatial Statistics and Models*  
 Harris, R. 1984. *Class and Housing Tenure in Modern Canada*  
 Hay, A. 1984. *Environment and Planning A* 16(12), 1681-1681  
 Jones, DW. 1984. *Geographical Analysis* 16(2), 121-133  
 Jones, DW. 1984. *Papers of the Regional Science Association* 54, 43-57  
 Pickles, A, & Rogerson, P. 1984. *Regional studies* 18(2), 131-142.  
 Schaeffer, P. 1984. *Environment and Planning A* 16(4), 451-466.

#### Courses taught

GGR B31S. Introduction to data analysis. 100. Regular  
 GGR C18F. Urban transportation. 100. Regular  
 GGR C24F. Advanced quantitative methods. 100. Regular  
 JEG B27F. Location and spatial development. 100. Regular  
 PLA 1553H. Urban transportation planning. 100. Regular

#### Graduate supervision

Lo, Pui-Chun Lucia, PhD, Spatial structure and consumer preferences: a translog model of shopping demand (honourable mention, AAG Nystrom award for best dissertation in Geography, 1990). 295, xiv, Thesis supervisor.  
 Brunet, Laurien, M.Sc.(pl), Corvée-Habitation, a housing policy: methodology for evaluation. 69, Current issues paper supervisor, 1984-85

#### Administrative

Supervisor of Studies for Major and Specialist Geography Programs  
 Member, University Committee on Academic Computing

### 1983

#### Publications and work completed

- 1983a Miron, JR. 1983. *The Decline of the Large Household: Implications for Housing Policy*. Final Report submitted to Canada Mortgage and Housing Corporation. 119p.
- 1983b Miron, JR, & Cullingworth, JB. 1983. *Rent Control: Impacts on Income Distribution, Affordability, and Security of Tenure*. Toronto: Centre for Urban and Community Studies, University of Toronto. 189 p. OCLC 10530226.
- 1983c Miron, JR.1983. *The Demand for Rental Housing: A Review of Theory and Empirical Evidence*. Canada Mortgage and Housing Corporation. OCLC 12546223.
- 1983d Miron, JR. 1983. A replacement model of metropolitan expansion. *Geographical Analysis* 15, 107-127.
- 1983e Miron, JR. 1983e. *The Decline of the Large Household: Implications for Housing Policy: A Final Report*. Canada Mortgage and Housing Corporation. OCLC 9604462.
- 1983f Miron, JR. 1983. *Demographic Change and Housing Demand in the 1980s and 1990s*.

#### Citations of my work by others in 1983

Clark, D. 1983. *Progress in Human Geography* 8(3), 453-455  
 Goldsmith, OS, et al. 1983. *A Regional Interactive Model of a Frontier Economy*.  
 Hamley, W. 1983. *Geography* 68(299), 182-182  
 Kim, J. 1983. *Journal of the American Planning Association* 49(1), 108-109  
 Koesoebjono, S. 1983. *Trends of One-person households in the Netherlands*  
 Long, JF. 1983. *Socio-Economic Planning Sciences* 17(5-6), 281-290.  
 Murdie, RA. 1983. *Annals of the Association of American Geographers* 73(4), 627-629  
 Rosemanm CC. 1983. *Socio-Economic Planning Sciences* 17(5-6), 303-312.  
 Wrigley, N, et al. 1983. *Geographical Analysis* 15(4), 361-362

#### Research grants and contracts completed

Housing Affordability and Willingness to Pay, CMHC

#### Lectures and presentations

*Demographic Change and Housing Demand in the 1980s and 1990s*. New Neighbourhood Conference sponsored by the Ontario Ministry of Municipal Affairs and Housing, Toronto, January 1983.

#### Courses taught

GGR B27F. Location and spatial development. 100. Regular  
 GGR B31S. Introduction to data analysis. 100. Regular  
 GGR C18F. Urban transportation. 100. Regular

GGR C31S. Metropolitan planning. 100. Regular  
 PLA 1553H. Urban transportation planning. 100. Regular

*Graduate supervision*

Braide, Mary Jane D, MA, Capacity expansion planning: an analysis of the location and timing of investment. 75 p, Research paper supervisor.

*Administrative*

Member, Executive committee, Centre for Urban and Community Studies  
 Supervisor of Studies for Major and Specialist Geography Programs  
 Member, SGS review committee, Centre for Urban and Community Studies

1982

*Publications and work completed*

- 1982a Miron, JR. 1982. *The Two-person Household: Formation and Housing Demand*. Research Paper No. 131. Centre for Urban and Community Studies. University of Toronto. 73p.
- 1982b Miron, JR, & Schiff, M. 1982. *A Profile of the Emerging Empty Nester Household*. Research Paper No. 130. Centre for Urban and Community Studies. University of Toronto. 65p. ISBN 0772712906. OCLC 10398348.
- 1982c Miron, JR. 1982. Centrifugal relocation and back-commuting from the metropolitan fringe. *Journal of Transport Economics and Policy* 16, 239-257.
- 1982d Miron, JR. 1982. Economic equilibrium in urban land use. In L.S. Bourne (ed.), *Internal Structure of the City: Readings on Urban Form, Growth, and Policy*. 2nd Edition. Oxford University Press. 124-136.
- 1982e Miron, JR. 1982. The microcomputer as Geography tutor. *Options* 13, 8-11.
- 1982f Miron, JR. 1982. *A Cluster Analysis of Household Types*. Final Report to SSHRCC. Grant 410-81-0324. Mimeo. 60 pages.

*Citations of my work by others in 1982*

Clark, WAV. 1982. *Progress in Planning* (18), 5-56  
 Dillman, BL. 1982. *Southern Journal of Agricultural Economics* 14(1), 55-62  
 Heffley, DR. 1982. *Journal of Regional Science* 22(4), 423-440  
 Ledent, J. 1982. *Papers in Regional Science* 49, 37-67.  
 Rikiel, Z. 1982. *Estudios geográficos*.

*Research grants and contracts completed*

Demand Sensitivity to Price Change in the Rental Housing Market (A Research Design Proposal), CMHC  
 The Decline of the Large Household: Implications for Housing Policy, CMHC  
 A Cluster Analysis of Household Types, SSHRCC  
 Leave Fellowship, Social Sciences and Humanities Research Council of Canada.

*Courses taught*

On research leave

*Administrative*

On research leave

1981

*Publications and work completed*

- 1981a Miron, JR. 1981. Household formation among the elderly. In B.T. Wigdor and L. Ford (eds.), *Housing for an Aging Population: Alternatives*. University of Toronto Press. 23-30.
- 1981b Miron, JR, and Skarke, P. 1981. Non-price information and price sustainability in the Koopmans-Beckmann problem. *Journal of Regional Science* 21, 117-122.

*Citations of my work by others in 1981*

Artibise, AFJ, & Stelter, GA. 1981. *Canada's urban past: a bibliography to 1980 and guide to Canadian urban studies*  
 Ballard, KP, & Clark, GL. 1981. *Regional Studies* 15(3), 213-228.  
 Crossman, PU. 1981. *Gross State Product*.  
 Edwards, C. 1981. *Agricultural Economics Research* 33(3), 11-24  
 Folmer, H, & van der Knaap, GA. 1981. *Environment and Planning A* 13(12), 1529-1537.  
 Gordon, P, & Ledent, J. 1981. *Journal of Regional Science* 21(1), 79-87.

Gordon, P, & Wingo, L. 1981. *Environment and Planning A* 13(5), 575-580,  
 Hitchcock, JR, & Lewis, E. 1981. *The Luxury Condominium Market in Toronto*  
 Rogerson, P, & MacKinnon, RD. 1981. *Papers in Regional Science*

*Research grants and contracts completed*

Who Benefits From, and Who Pays For, Rent Review, Ontario Ministry of Housing  
 Empty Nester Profiles, CMHC  
 The Two-person Household: Formation and Housing Demand, CMHC

*Lectures and presentations*

*Household formation among the elderly*. Conference on Housing for an Aging Population, University of Toronto, Autumn 1980.

*Courses taught*

GGR B02Y. Introduction to quantitative analysis. 100. Regular  
 GGR B27F. Location and spatial development. 100. Regular  
 GGR C18F. Urban transportation. 100. Regular  
 GGR C31S. Metropolitan planning. 100. Regular

*Graduate supervision*

Reichert, Dagmar, MA, Toward an Analysis of Dynamic Systems in Space: Spatial Time Series Models of Socioeconomic Systems. 155, viii, Adviser.  
 Covert, Dwayne Lee, MA, Estimating the value of travel time: a review of the conceptual approaches and statistical techniques. 119, vii, Research paper supervisor, 1981-82

*Undergraduate supervision*

Parsons, Pamel. 1982. Outlier detection and analysis. Geography BA thesis. 63 p.

*Administrative*

Planning Programme Curriculum Committee  
 Supervisor of Studies for Specialist Geography Program

## 1980

*Publications and work completed*

1980a Miron, JR. 1980. *Migration and Job Creation*. Paper presented at the North American Regional Science Association Meeting, Milwaukee, November 1980. 26p.

*Citations of my work by others in 1980*

Gordon, P, & Ledent, J. 1980. *Environment and Planning A* 12(2), 125-133.  
 Guccione, A. & Gillen, WJ. 1980. *Canadian Journal of Economics* 13(4), 700-711  
 Ledent, J, & Gordon, P. 1980. *Geographical Analysis* 12(1), 55-67  
 Walker, R, & Calzonetti. 1980. *Regional Studies*.

*Research grants and contracts completed*

Vacancy Chain Model of Metropolitan Expansion, SSHRCC

*Courses taught*

GGR 1605H. Location theory. 100. Regular  
 GGR 325S. Location. 100. Regular  
 GGR B02Y. Introduction to quantitative analysis. 100. Regular  
 GGR C24F. Advanced quantitative methods. 100. Regular

*New appointment*

Associate Professor with tenure (1 July 1980)

*Administrative*

Supervisor of Studies for Specialist Geography Program  
 Department of Geography Speaker's Committee  
 Department of Geography Graduate Committee

## 1979

*Publications and work completed*

- 1979a Miron, JR. 1979. *On Household Groups and Housing Occupancy*. Research Paper 107. Centre for Urban and Community Studies, University of Toronto. ISBN 0772712662. OCLC 7584268.
- 1979b Miron, JR. 1979. *The Rise of the One-person Household in Ontario: Implications for Planning*. Ontario Ministry of Housing. 101p. ISBN 0772712751. OCLC 7242947.
- 1979c Miron, JR. 1979. *Changing Patterns of Household Formation in the Toronto CMA; 1951 to 1976*. Research Paper No. 106. Centre for Urban and Community Studies. University of Toronto. 71p.
- 1979d Miron, JR. 1979. Migration and urban economic growth. *Regional Science and Urban Economics* 9, 159-183.
- 1979e Miron, JR. 1979. *The Rise of the One-person Household in Ontario: Implications for Planning*. Research Paper 116. Centre for Urban and Community Studies, University of Toronto. Popline document Number 243449. ISBN 0772712751. 53 pages.

*Citations of my work by others in 1979*

- Arntzen, J, et al. 1979. *Duality, segmentation, and dynamics on a regional labour market*. Free Universiteit Amsterdam. Research Memorandum 1979-4.
- Griffith, DA. 1979. *Economic Geography*
- Guldmann, JM. 1979. *Socio-Economic Planning Sciences* 13(2), 47-70
- Guldmann, JM. 1979. *Socio-Economic Planning Sciences* 13(2), 71-86
- Koppel, M. 1979. *Ansatzpunkte der regionalen Wirtschaftsprognose*
- Law, CE, & Petersen, ER. 1979. *Operational Research* 78
- Rogerson, PA. 1979. *Journal of Regional Science*

*Research grants and contracts completed*

The Rise of the One-person Household: Implications for Planning, Ontario Ministry of Housing

*Courses taught*

- GGR 1605H. Location theory. 100. Regular
- GGR B02Y. Introduction to quantitative analysis. 50. Regular
- GGR B02Y. Introduction to quantitative analysis. 50. Stipend
- GGR C18S. Urban transportation. 100. Regular
- GGR C27Y. Regional science and city planning. 100. Regular

*Undergraduate supervision*

- Bryant, Gary Allan. 1980. An analysis of low ridership on the Spadina subway. Geography BA thesis. 68 p.
- Wong, Alice. 1980. Urban air pollution modeling and its application in urban planning. 76 p.

*Administrative*

Department of Geography Graduate Committee  
Supervisor of Studies for Geography Program

## 1978

*Publications and work completed*

- 1978a Miron, JR. 1978a. Dualistic spatial equilibrium and technical change. *Journal of Regional Science* 18, 337-355.
- 1978b Miron, JR. 1978. Job search perspectives on migration behaviour. *Environment and Planning A*, 10, 519-535.
- 1978c Miron, JR. 1978. *Commuting and Residential Relocation in the Metropolitan Fringe*. University of Toronto/York University Joint Program in Transportation. OCLC 4792788.
- 1978d Miron, JR. 1978. Nucleated suburbanisation in a competitive market economy. *Urban Studies* 15, 223-229.
- 1978e Miron, JR, & Skarke, P. 1978. *The Koopmans-Beckmann Problem Revisited*. Mimeo. 17 pages.

*Citations of my work by others in 1978*

- Bannister, G. 1978. *Geographical Analysis* 10(3), 303-305
- Griffith, DA. 1978. *Geographical Analysis* 10(3), 296-301
- Ledent, J. 1978. *Environment and Planning A*, 10(5), 537-560
- Madden, JF, and White, MJ. 1978. *Women's work trips*.
- Osleeb, JP. 1978. *Economic Geography*
- Osleeb, JP, & Cromley, RG. 1978. *Agricultural Economics Research* 33(3), 11-24
- Ryan, JM, & Spear, BD. 1978. *Directions toward the better understanding of transportation and urban structure*

*Lectures and presentations*

*The Koopmans-Beckmann Problem Revisited.* Ontario meeting of the Canadian Association of Geographers, Toronto, October 1978.

*Research grants and contracts completed*

Demographic Change and Housing Demand, Centre for Urban and Community Studies

*Courses taught*

GGR 1605H. Location theory. 100. Regular

GGR B02Y. Introduction to quantitative analysis. 50. Regular

GGR B20Y. Introduction to regional science. 100. Regular

GGR C24S. Advanced quantitative methods. 100. Regular

*Undergraduate supervision*

Morris, Edward R. 1979. Condominium ownership: a demographic perspective. Geography BA thesis. 44 p.

*New appointment*

Research Associate, Centre for Urban and Community Studies

*Administrative*

Supervisor of Studies for Geography Program

Member, Board of Studies, Co-operative Program in Administration

**1977***Publications and work completed*

1977a Miron, JR. 1977. *Job Search, Migration, and Metropolitan Growth.* RM-77-033. International Institute for Applied Systems Analysis: Laxenburg, Austria. OCLC 26485881.

*Citations of my work by others in 1977*

Willekens, F.J. 1977. *The recovery of detailed migration patterns from aggregate data*

*Research grants and contracts completed*

Dynamics of Commuting and Net Migration in the Metropolitan Fringe, Transport Development Agency

*New appointment*

Member, School of Graduate Studies

*Courses taught*

GGR 370F. Matrix models. 100. Regular

GGR B02Y. Introduction to quantitative analysis. 50. Regular

GGR B20Y. Introduction to regional science. 100. Regular

URP 1177S. Urban transportation planning. 100. Regular

*Undergraduate supervision*

Matusoff, Mary. 1978. On speculative behavior in the urban land market. Geography BA thesis. 84 p.

McGill, Stephen. 1978. A look at housing demand in Toronto, 1966 to 1971. Geography BA thesis. 39 p.

*Administrative*

Member, Board of Studies, Co-operative Program in Administration

Geography library representative

**1976***Publications and work completed*

1976a Miron, JR. 1976. City size and land rents in a closed model of urban spatial structure. Papageorgiou, G.J, (ed.), *Mathematical Land Use Theory.* Lexington. 79-95.

1976b Miron, JR. 1976. *On Dualistic Equilibrium and Technical Change in a Simple Human Settlement Model.* RM-76-030. International Institute for Applied Systems Analysis: Laxenburg, Austria. OCLC 56707078.

1976c Miron, JR. 1976. *Alternative Land-use Policy Tools for Green Area Preservation in Regional Development.* RM-76-029. International Institute for Applied Systems Analysis: Laxenburg, Austria. OCLC 17978221.

1976d Miron, JR. 1976. *Regional Development and Land-use Models: An Overview of Optimization Methodology.* Research Memorandum 76-027. International Institute for Applied Systems Analysis, Laxenburg, Austria. 52p.



- 1976e Miron, JR. 1976. Regional Development and Land-Use Models. *IIASA Conference '76 (10-13 May, 1976)*, Volume 2. Laxenburg AT: International Institute for Applied Systems Analysis. Pp. 69-74.

*Citations of my work by others in 1976*

- Cappon, P. 1976. *Canadian Journal of Sociology* 1(4), 540-541  
 Drabek, S. 1976. *Canadian Public Administration* 19(1), 172-173  
 Rogers, A, & Willekens, FJ. 1976. *Spatial zero population growth*  
 Van Weesep, J. 1976. *Tijdschrift voor Economische en Sociale Geografie* 67(3), 185-187

*Courses taught*

- GGR 1649H. Economic geography. 100. Regular  
 GGR B02Y. Introduction to quantitative analysis. 100. Regular  
 GGR B05Y. Introduction to urban geography. 50. Regular  
 GGR C18S. Urban transportation. 100. Regular

*Graduate supervision*

- Ardagh, Paul, MA, An econometric model of metropolitan Toronto. 335, viii, Queen's University thesis supervisor.

*Undergraduate supervision*

- Donahue, Kevin. 1977. The impact of Highway 400 on the growth of Barrie. Geography BA thesis. 71 p.  
 Layton, D. 1977. An integrated land-use and transportation model and the effects of transportation congestion. 46 p.  
 Ponesse, Thomas. 1977. The empirical usefulness of the negative exponential function. Geography BA thesis. 52 p.

*New appointment*

- Assistant Professor in tenure stream (1 July 1976)

*Administrative*

- Geography library representative

## 1975

*Publications and work completed*

- 1975a Miron, JR. 1975. *Models of Urban Economic Growth: A Review*. Centre for Urban and Community Studies, University of Toronto. OCLC 3815276.  
 1975b Miron, JR. 1975. Access, economic growth, and spatial dispersion. *Journal of Regional Science* 15, 151-164.

*Citations of my work by others in 1975*

- Boots, B. N. 1975. *Economic Geography* 51(4), 388-389  
 Gertler, L. O. 1975. *Canadian Geographer* 19(3), 253-256  
 Griffith, DA. 1975. *Professional Geographer* 27(4), 470-474

*Lectures and presentations*

- City size and land rents in a closed model of urban spatial structure*. Conference on Mathematical Land Use Theory, McMaster University, June 1975.

*New appointment*

- Research Scholar on one-year term appointment starting 1 September 1975: International Institute for Applied Systems Analysis

## 1974

*Publications and work completed*

- 1974a Miron, JR. 1974. Long-range employment forecasting for the Toronto Metropolitan Region. Bourne, LS, & Simmons, JW, (eds.) *Urban Futures for Central Canada: Perspectives on Forecasting Urban Growth and Form*. University of Toronto Press. 79-94. ISBN 02021441 0802062431 OCLC 1054050.  
 1974b Britton, JNH, & Miron, JR. 1974. *Projections of Employment for Major Sectors. 1986 and 2001, by Urban Places Within COLUC*. Centre for Urban and Community Studies, University of Toronto. 33 pages.  
 1974c Curry, L, MacKinnon, RD, Lee, R, Miron, JR, & Sheppard, E. 1974. *Aggregative Dynamic Models Oriented Towards Policy: Final report submitted to Ministry of State for Urban Affairs*. Centre for Urban and Community Studies, University of Toronto. 419 pages.  
 1974d Miron, JR. 1974. *Economic Bases in the Theory of City Growth*. Ph.D. dissertation. Department of Geography, University of Toronto

*Citations of my work by others in 1974*

Bourne, L.S. 1974. *Regional Studies* 8(2), 197-210  
Lee, R. 1974. *Environment and Planning A*

*New appointment*

Assistant Professor on one-year term appointment starting 1 September 1974: Queen's University at Kingston

*Courses taught*

GGR329 Location and spatial behaviour  
GGR 862 Theoretical bases of economic geography. Queen's University at Kingston  
GGR 870 Theoretical bases of urban geography. Queen's University at Kingston

## 1973

*Publications and work completed*

- 1973a Miron, JR. 1973. On the estimation of a partial adjustment model with autocorrelated errors. *International Economic Review* 14, 653-656.
- 1973b Britton, JNH, Barber, GM, & Miron, JR. 1973. *Research into the Correlations Between the Functional Roles of COLUC Urban Places and Employment*. Centre for Urban and Community Studies, University of Toronto. OCLC 63099806.

*Courses taught*

URB 135 Research methods for planners I, Ryerson Polytechnic Institute  
URB 235 Research methods for planners II. Ryerson Polytechnic Institute.

## 1972

*Publications and work completed*

- 1972a Miron, JR. 1972. *Long-range Regional Employment Forecasting*. M.Sc.(pl.) Thesis. Toronto: Department of Urban and Regional Planning, University of Toronto. Mimeo. 244 pages.
- 1972b Miron, JR. 1972. *Regional Transportation Systems and Population Impact Modelling: A Theoretical Development*. University of Toronto/York University Joint Program in Transportation. OCLC 610038.
- 1972c Miron, JR. 1972. A note on the estimation of a spatially-autoregressive model. Adams, W.P, & Helleiner, F.M. (eds). *International Geography 1972; Papers submitted to the 22nd International Geographical Congress, Canada*. Toronto: University of Toronto Press. 913-915.

*Citations of my work by others in 1972*

Board, C. 1972. *Progress in Geography*.

## 1971

*Publications and work completed*

- 1971a Lord, IJ, and Miron, JR. 1971. *Modelling the Impact of Proposed Transportation Networks on the Toronto-centred Region*. Centre for Urban and Community Studies, University of Toronto. OCLC 5748590.
- 1971b Lord, IJ, & Miron, JR. 1971. *Modelling the Impact of Proposed Transportation Networks on the Toronto-centred Region*. Research Report 2. University of Toronto/York University Joint Program in Transportation. 30 pages. Reprinting of 1971a

O'Campo, Patricia

*Curriculum Vitae*  
**PATRICIA J. O'CAMPO**

**PERSONAL DATA**

Business Address:  
St. Michael's Hospital  
30 Bond Street, Toronto, ON M5B 1W8  
E-Mail: [pat.ocampo@utoronto.ca](mailto:pat.ocampo@utoronto.ca)  
Telephone: (416) 864-5403  
Fax: (416) 864-5485

Home Address:  
96 Whitehall Road  
Toronto, Ontario M4W 2C7

**EDUCATION AND TRAINING**

- 1989-90      *Postdoctoral Training*, Department of Health Policy & Management, The Johns Hopkins University.
- 1989          *Doctor of Philosophy*, Epidemiology, School of Hygiene and Public Health, The Johns Hopkins University.
- 1980-83      *Bachelor of Science*, Conservation and Resource Studies University of California, Berkeley, Graduated with honors.
- 1977-79      *Mount Holyoke College*, undergraduate studies freshman and sophomore year South Hadley, Massachusetts

**PROFESSIONAL EXPERIENCE**

**Positions**

- 08/14 – present      Research Chair in Intersectoral Solutions to Urban Health Problems, St. Michael's Hospital & University of Toronto
- 06/04 – 06/15      Director, Centre for Research on Inner City Health, St Michael's Hospital, Toronto, Ontario, Canada.
- 06/04 – 08/14      Alma and Baxter Ricard Endowed Chair in Inner City Health  
*Director*, Centre for Research on Inner City Health, St. Michael's Hospital,
- 06/04 – present      *Professor*  
Dalla Lana School of Public Health, University of Toronto
- 09/05 – present      *Adjunct Professor*  
Department of Population, Family and Reproductive Health  
The Johns Hopkins Bloomberg School of Hygiene and Public Health

- 10/12 - present      *Adjunct Scientist*  
Institute for Clinical Evaluative Sciences, Toronto Ontario
- 04/02 – 2005      *Professor (tenured)*  
Department of Population and Family Health Sciences  
The Johns Hopkins Bloomberg School of Hygiene and Public Health
- 01/96 – 03/02      *Associate Professor*  
Department of Population and Family Health Sciences (formerly known as  
Maternal and Child Health) The Johns Hopkins Bloomberg School of Public  
Health
- 12/94 – 2005      Joint Appointment, Department of Epidemiology & Johns Hopkins Population  
Center  
The Johns Hopkins Bloomberg School of Hygiene & Public Health
- 07/91 - 12/95      *Assistant Professor*  
Department of Maternal and Child Health  
The Johns Hopkins School of Hygiene and Public Health
- 09/89 - 07/91      *Research Associate/Instructor*  
Department of Maternal and Child Health  
The Johns Hopkins School of Hygiene and Public Health

## **PROFESSIONAL ACTIVITIES**

### **Participation on Boards and Advisory Panels**

- Chair - WHO/Public Health Agency of Canada/CIHR on Monitoring of Action on the Social  
Determinants of Health--2016
- Member - CIHI Advisory Council on Population Health – 2014-present
- Member - WHO Consultation On Urban Health Metrics Research –2011
- Member - Ethics Subcommittee, National Children's Study Federal Advisory Committee  
2009
- Member/Chair -National Children's Study Federal Advisory Group, US Eunice Kennedy  
National Institutes of Child Health & Human Development (NICHD)—2009-2013
- Member - WHO Advisory Group on the Urban Health Equity Assessment and Response Tool  
(Urban HEART) –2008 to 2010
- Member - US IOM, National Academy of Sciences Panel to review the US National  
Children's Study Research Plan 2007 - 2008
- Member - US National Academy of Sciences Board on Children, Youth, and Families  
Committee on Depression, Parenting Practices, and the Health Development  
of Young Children 2007 – 2009
- Member - Board on Children, Youth, and Families, US National Academy of  
Sciences 2006- 2010
- Member - US NIH Panel on the State-of-the-Science Conference: Cesarean Delivery on  
Maternal Request-2006
- Member - Canadian Perinatal Surveillance System Committee, 2005 - 2012

- Member - Kellogg Scholars in Health Disparities National Advisory Committee 2002-2004
- Member - Socioeconomic Status Committee for National Committee on Vital and Health Statistics at the hearing for Congressional Black Caucus Health Brain trust 2002
- Member - Maternal and Child Health Bureau Technical Expert Panel for the Evaluation of Healthy Start – 2001-2006
- Advisor - World Health Organization Group on Gender and Health, Conference Participant on Mainstreaming Gender - 2000
- Member - Advisory Committee for the Office of Data and Information Management, Maternal and Child Health Bureau - 2000
- Member - Maryland Commission on Infant Mortality Prevention Expert Panel on African-American/White Infant Mortality Gap - 1997- 2004
- Member - CDCP Expert Panel on Key Scientific Issues for Research on Violence Occurring Around the Time of Pregnancy - 1997-1998

**Society Membership and Leadership**

- Treasurer - International Society for Urban Health 2010-2015
- Secretary - International Society for Urban Health 2008-2010
- Member - Society for the Psychological Study of Social Issues—2010 -2012
- Past President- International Society for Urban Health in 2006-2007
- President - International Society for Urban Health 2005-2006 President Elect- International Society for Urban Health 2004-2005
- Chair-Elect - Association of Schools of Public Health, Maternal and Child Health Council 2003- 2004
- Member-at-Large - Executive Committee, Society for Epidemiologic Research – 2002-2005
- Convener - Session on Race and Class Inequalities at the Annual Society for Epidemiologic Research meetings 1998-2011
- Member - Governing Council, APHA MCH Section – 2000-2002
- Member - Department of Health and Mental Hygiene, PRAMS Steering Committee 2000-2003
- Co-chair - Epidemiology & Data Committee, APHA MCH Section – 1999-2002
- Member - Data Collection and Analysis Committee, APHA MCH Section 1993-2004
- Member - Society for Pediatric Epidemiologic Research – 1992-present
- Member - Association for Teachers in Maternal and Child Health (ATMCH) – 1991-Present
- Member - American Public Health Association – 1986-present
- Member - Society for Epidemiologic Research – 1985-present

**Participation on Community Organization Boards and Committees**

- Member - Population Health and Equity Leadership Table - 2016 to present
- Member - Expert panel on the impact of the 2017 budget on low-income residents—City of Toronto -2016
- Member - Toronto Ward Boundary Review Advisory Board 2014-2016
- Member - Alberta Innovates – Health Solutions (AIHS) Postgraduate Fellowship Review Committee, 2014 - present

- Member - Board of Directors, United Way of Toronto, 2011- present
- Member - Community Impact Committee of the United Way of Toronto, 2009-present
- Member - Special Priority Population (SPP) Research Task Force (regarding Ontario's policy on prioritizing victims of violence for social housing) 2005-2012
- Member - Wellesley Institute Board of Directors , 2005 – 2011
- Member - Southeastern Toronto Organization, 2005 – 2008
- Chair - American Lung Association of Maryland - Smoke or Health Committee 1991-1993
- Chair - American Lung Association of Maryland - Smoke Free Families Committee – 1990

## **EDITORIAL ACTIVITIES**

### **Peer Review Activities last ten years**

Demography; American Journal of Sociology ; AIDS and Behavior; Journal of American; Medical Women's Association; American Journal of Epidemiology; American Journal of Public Health; Public Health Reports; Social Science and Medicine; Journal of Epidemiology and Community Health; Maternal and Child Health Journal; Paediatric & Perinatal Epidemiology; International Journal of Health Services; Journal of Health Care for the Poor and Underserved; Epidemiology; Journal of Public Health Policy; Journal of Research on Adolescence; New England Journal of Medicine; Violence Against Women; Family Planning Perspectives; Pediatrics; Obstetrics and Gynecology.

### **Editorial Board Membership**

- Member - Health Reports – 2007-present
- Member - Maternal and Child Health Journal –2003-present
- Member - Hispanic Health Care International 2002-present
- Member - Journal of Public Health Policy – 1998-present
- Associate Editor- Journal of Urban Health 2008-present

### **Grant Reviews**

- Member. - College of Reviewers Canadian Institutes for Health Research.
- Member - EU Horizon 2020 Research Grants on Health in All Policies 2015
- Ad hoc member-CIHR Community Based Primary Health Care Team Grant Review Panel 2013
- Chair & - Canadian Institutes for Health Research, Public, Community and Population Health Member B" Grants Committee -2005-2009
- Chair - US National Institutes of Health (NIH) Behavioral and Social Consequences of HIV/AIDS Study Section (BSCH) 2004-2006 and ad hoc thereafter
- Reviewer - SickKids Foundation New Investigator Grants Program-2006
- Reviewer - Ontario HIV Treatment Network Research Grants Review Committee (OHTN) – 2004 present
- Reviewer - NIH/BSCH AIDS research – 2003-2004
- Reviewer - NIH AARR8 HIV review group –1999-2004
- Reviewer - Title V Block Grants/Region 3 – 1999
- Reviewer - Ad hoc reviewer for the National Institute of Mental Health AIDS, Behavioral,

- Clinical and Psychosocial Subcommittee - 1996, 1997, 1999
- Reviewer - Child Survival Support Programs - Institute for International Programs - 1992
- Reviewer - Battered Women's Shelters Services Contracts - Maryland Women's Commission – 1990
- Reviewer - Program Evaluation Grants - Indian Health Service – 1990

**HONORS AND AWARDS**

St. Michael's Hospital, Social Responsibility Award, September 2014

For exceptional contributions to teaching and mentoring postdoctoral fellows in the area of population health interventions research

Canadian Academy of Health Sciences Fellow, June 2013

Greg Alexander Award for Advancing Knowledge, US Coalition\* for Excellence in Maternal and Child Health Epidemiology, 2008. (\*Coalition includes 16 US National organizations such as the Center for Disease Control and Prevention (CDC), American Academy of Pediatrics, US National Institute for Child Health and Human Development, Association of Maternal and Child Health Programs (AMCHP), Association of the Teachers of Maternal and Child Health (ATMCH), National Association of County and City Health officers (NACCHO), City Maternal and Child Health (City Match), National Birth Defects Prevention Network, and Society for Perinatal and Pediatric Epidemiologic Research.)

Lorretta Lacey Award, Association of the Teachers of Maternal and Child Health, February 2002

Institute of Medicine National Research Council Recognition of Young and Mid-Career Child and Family Scholars for excellence in research scholarship, May 1998.

Elected to the Delta Omega Society (honorary public health society), Alpha Chapter, May 1996.

AMTRA (Advising, Mentoring & Teaching Recognition Award), Johns Hopkins School of Hygiene and Public Health Student Assembly, Five time winner: 1993, 1995, 1996, 2000-2001.

Outstanding Research Award, National Perinatal Association , Clinical Conference and Exposition, November 1995.

Young Professional Award - Maternal and Child Health Section of the American Public Health Association, 1994.

American Lung Association of Maryland's Distinguished Service Award for Smoking & Health, 1992. Participant in the National Institutes for Mental Health (NIMH) Workshop for New Minority Investigators for AIDS Research, 1991.

Johns Hopkins Alumni Association's Centennial Award for Outstanding Poster, June 1989.

Graduated with Honors, University of California, Berkeley, 1983.



**PEER REVIEW PUBLICATIONS (Scopus H-Index=71 December 2017)**

**Books or Monographs**

Rethinking Social Epidemiology: Towards a Science of Change (Eds) O'Campo P. & Dunn J. Publisher: Springer October 2011

Converging Disciplines: A Transdisciplinary Research Approach to Urban Health Problems (Eds) Kirst M., Schaefer-McDaniel N., Hwang S., O'Campo P. Publisher: Springer June 30, 2010

(contributor) The National Children's Study Research Plan: A Review (2008), National Academy of Sciences

(contributor) 2006 Report of the Surgeon General: the health consequences of involuntary exposure to tobacco smoke. Chapter on involuntary smoking and reproductive and children's health

(contributor) 2002 Surgeon General's Report on Involuntary Smoking. Chapter on involuntary smoking and reproductive and children's health

(contributor) 2001 Surgeon General's Report on Active Smoking. Chapter on active smoking and reproductive effects among men and women.

(contributor). In: Breslow L Editor. Encyclopedia of Public Health. New York, Macmillan Reference USA

(contributor). In: Last JM Editor. A Dictionary of Epidemiology, fourth edition. New York, Oxford University Press, 2000.

(contributor). In: Last JM Editor. A Dictionary of Epidemiology, third edition. New York, Oxford University Press, 1995.

**Chapters and Commissioned Papers**

T MacLeod, T Aubry, G Nelson, H Dorvil, S McCullough, P O'Campo. Chapter: Landlords and Scattered-Site Housing. Housing, Citizenship, and Communities for People with Serious Mental Illness. Oxford University Press. Feb 2017

Kirst, M.J. & O'Campo, P. . Chapter 5: Realist review and evaluation: What do we know about what works? In Burke, J.G. & Albert, S. (Eds.), *Emerging Methods in Community Public Health Research: Integrated and Engaged Approaches*. New York: Springer. March 11, 2014

O'Campo P: Harder than rocket science? The science of designing and implementing strong family friendly policies In Booth, A and McHale S (Eds) *National Symposium on Family Issues*, Springer, forthcoming.

Smylie J., Lofters A., Firestone M. and O'Campo P. Chapter 4: Population-based Data and Community Empowerment In Dunn J., O'Campo P., (Eds) Rethinking Social Epidemiology Published by Springer Science+Business Media October 2011.

Lofters A. and Patricia O'Campo P. Chapter 5: Differences That Matter In Dunn J., O'Campo P., (Eds) Rethinking Social Epidemiology Published by Springer Science+Business Media October 2011.

Muntaner C, Borrell C., Ng E., Chung H., Espelt A., Rodriguez-Sanz M., Benach J., and O'Campo P. Chapter 9: Locating Politics in Social Epidemiology In Dunn J., O'Campo P., (Eds) Rethinking Social Epidemiology Published by Springer Science+Business Media October 2011.

Kirst M., and O'Campo P. Chapter 11: Realist Review Methods for Complex Health Problems In Dunn J., O'Campo P., (Eds) Rethinking Social Epidemiology Published by Springer Science+Business Media October 2011

O'Campo P., Kirst M., Schaefer-McDaniel N., and Hwang S. Chapter 1: Introducing a Transdisciplinary Approach to Applied Urban Health Research In Kirst M, Schaefer-McDaniel N, Hwang S, O'Campo P (Eds) Converging Disciplines Published by Springer Science+Business Media, LLC 2011

Kirst M., Schaefer-McDaniel N., Hwang S., O'Campo P. Chapter 12: Moving Forward: The Future of Transdisciplinary Health Research in In Kirst M, Schaefer-McDaniel N, Hwang S, O'Campo P (Eds) Converging Disciplines Published by Springer Science+Business Media, LLC 2011

O'Campo P., Ahmad F., Cyriac A. "Chapter 12: Role of Healthcare Professionals in preventing and intervening on IPV". Domestic Violence: A multi-professional approach for healthcare practitioners Edited By June Keeling & Tom Mason. Published by Open University Press. p 107-115. May 2008.

O'Campo P. Equity and Distributive Justice. Background Paper Prepared for the 10th International Medical Workforce Conference January 2007.

O'Campo P., Caughy M: Measures of Residential Community Contexts. In Oakes M., Kaufman J (eds) Methods in Social Epidemiology. Jossey-Bass May 2006.

McDonnell KA, Burke JG, Gielen AC, O'Campo P. Intimate Partner Violence: Chapter 15. In the "Handbook of Injury Prevention: Behavior Change Theories, Methods, and Applications". Jossey-Bass 2006

O'Campo P, Yonas M: Health of Economically Deprived Populations in Cities. Handbook of Urban Health. New York. Springer Science +Business Media, Inc. 2005.

O'Campo P and Burke JG. Recommendations on the use of socioeconomic position indicators to better understand racial inequalities in health in Ver Ploeg M and Perrin E (Eds). (2004). Eliminating health disparities: Measurement and data needs. Washington, DC: National Academies Press.

Muntaner C, Nieto FJ, O'Campo P. The Bell Curve: On Race, Social Class, and Epidemiologic Research. In LaViest T (Ed) Race, Ethnicity and Health: A public health reader. San Francisco, Ca: Jossey-Bass, 2002.

Smith LR, O'Campo P, Grason H. Welfare reform and women's health: challenges and opportunities to advance the public response to the health needs of poor women through monitoring and collaboration in The Transition from Welfare to Work, Telleen S (ed) 2002 Haworth Press.

O'Campo P, Baldwin K. Abuse against women by their intimate partners in Charting a Course for the Future of Women's and Perinatal Health Vol II, Grason H, Hutchins J, Silver G (eds) 1999 Baltimore MD: Women's and Children's Health Policy Center, Johns Hopkins School of Hygiene and Public Health.

Ruderman M, O'Campo P. Depression in Women in Charting a Course for the Future of Women's and Perinatal Health Vol II, Grason H, Hutchins J, Silver G (eds) 1999 Baltimore MD: Women's and Children's Health Policy Center, Johns Hopkins School of Hygiene and Public Health.

### **Pending Journal Articles**

1. O'Campo P., Shankardass K., Molnar A., Renahy, E., Muntaner. Explanatory Multiple Case Study Methodology: Implementing Health in All Policies. Plos One (submitted)
2. Renahy E., Molnar A., Shankardardass K., O'Campo P.: How does prior experience with intersectoral action facilitate implementation of Health in All Policies: Lessons from an explanatory cross-case study (in revisión)
3. Molnar, A., Velonis A., O'Campo P., Lee-Foon N., Boushel M., Rahim A. "One program that could improve health in this neighbourhood is \_\_\_\_?" Using concept mapping to engage communities as part of a health and human services needs assessment (in revision)

### **Journal Articles**

1. Guglielmin M, Muntaner C, O'Campo P, Shankardass K. A scoping review of the implementation of health in all policies at the local level.Health Policy. 2017 Dec 20
2. Kokkinen L., Muntaner C., O'Campo P., Freiler A., Oneka G., Shankardass K: Implementation of Health 2015 public health program in Finland: a welfare state in transition. Health Promotion International (in press)
3. Rotondi A, **O'Campo P**, O'Brien K, Firestone M, Wolfe S, Bourgeois C, Smylie J. Our Health Counts Toronto – using respondent-driven sampling to unmask census undercounts

of an urban indigenous population in Toronto, Canada. *BMJ Open* 2017

4. Daoud N, Sergienko R, O'Campo P, Shoham-Vardi I. Disorganization Theory, Neighborhood Social Capital, and Ethnic Inequalities in Intimate Partner Violence between Arab and Jewish Women Citizens of Israel. *J Urban Health*. 2017 Sep 5
5. Lamanna D, Stergiopoulos V, Durbin J, **O'Campo P**, Poremski D, Tepper J. Health Soc Care Community: Promoting continuity of care for homeless adults with unmet health needs: The role of brief interventions. 2017 Jun 1.
6. Muntaner C, Davis O, McIsaack K, Kokkinen L, Shankardass K, **O'Campo P**. *Int J Health Serv: Retrenched Welfare Regimes Still Lessen Social Class Inequalities in Health: A Longitudinal Analysis of the 2003-2010 EU-SILC in 23 European Countries*. 2017 Jul; 47(3):410-431.
7. Oneka G, Vahid Shahidi F, Muntaner C, Bayoumi AM, Mahabir DF, Freiler A, **O'Campo P**, Shankardass K. *J Epidemiol Community Health: A glossary of terms for understanding political aspects in the implementation of Health in All Policies (HiAP)*. 2017 Aug;71(8):835-838
8. Guilcher SJT., Kaufman-Shriqui V., Hwang J., O'Campo P., Matheson FI., Glazier RH., Booth GL. The association between social cohesion in the neighborhood and body mass index (BMI): An examination of gendered differences among urban-dwelling Canadians. *Preventive medicine*. 2017 June; 99: 293-298.
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250. Kass NE, Faden RR, Gielen A, O'Campo P. Pregnant Women's Knowledge of the Human Immunodeficiency Virus: Implications for Education and Counseling. Women's Health Issues 1992;2(1):17-25.
251. O'Campo P, Faden RR, Gielen AC, Brown H. The Impact of Pregnancy on Women's Prenatal and Postpartum Smoking Behavior. Am J Prev Med 1992;8(1):8-13.
252. Gielen A, Faden R, O'Campo P, Brown H, Paige D. Maternal Employment during the Early Postpartum Period: Effects on Initiation and Continuation of Breastfeeding. Pediatrics 1991;87(3):298-305.

### **OTHER PUBLICATIONS AND REPORTS**

O'Campo as contributing author to the report, Special Priority Population Impact Study: Phase 1 - Step 2 Impact review of the Special Priority Population Policy for victims of domestic abuse, applying for assisted housing. Tenure status of applicants housed in 2007, 2008 and 2009. October 2012

O'Campo as contributing author to the report, Special Priority Population Impact Study: Phase 1 - Step 1 Impact review of the Special Priority Population Policy for victims of domestic abuse,



applying for assisted housing--Outcomes. July 2011

Shankardass K., Solar O., Murphy K., Frieler A., Bobbili S., Bayoumi A., and P. O'Campo, Health in All Policies: Results of a Realist-Informed Scoping Review of the Literature, in A Report to the Ontario Ministry of Health and Long Term Care. December 2010.

Shankardass K., Solar O., Murphy K., Frieler A., Bobbili S., Bayoumi A., and P. O'Campo, Health in All Policies Research Library, in A Report to the Ontario Ministry of Health and Long Term Care. December 2010c.

Shankardass K., Solar O., Murphy K., Frieler A., Bobbili S., Bayoumi A., and P. O'Campo, Health in All Policies: 16 Case Descriptions, in A Report to the Ontario Ministry of Health and Long Term Care. December 2010d.

Solar O., Shankardass K., Murphy K., Frieler A., Bobbili S., Bayoumi A., and P. O'Campo, *Health in All Policies Conceptual Framework Addendum*, in *A Report to the Ontario Ministry of Health and Long Term Care*. December 2010.

O'Campo, An Evaluation of HIV Testing and Counselling Practices in Ontario. Lead author, O'Campo P. with remaining authors from the Centre for Research on Inner City Health, A report submitted to the Ontario AIDS Bureau, 2010.

O'Campo P., (lead author along with: Centre for Research on Inner City Health and the Ontario HIV Testing Working group): An Evaluation of HIV Testing and Counselling Practices in Ontario, A report to the Ontario AIDS Bureau, 2010.

Matheson F, O'Campo P, Salmon C, Zanganeh M, White H, Ahmad F, Lam S. Gender and Perceptions of Gambling. A Pilot Project Using Concept Mapping. Report from Ontario Problem Gambling Research Centre. November 2009.

O'Campo P, Gallaher G, Kirst M, Schaefer-McDaniel N, Murphy K, Lofters A, Kim S, Quinonez C, Shankardass K. Measuring Equity of Care in Hospital Settings: From Concepts to Indicators. May 2009.

O'Campo P, Clancy S, Firestone M, Hill J, Janczur A, Khandor E, Kirst M, Murphy K, McShane K, Roberston A, Scott A, Raskin L, Schaefer-McDaniel N, Tapper M. Community Treatment Approaches for Homeless Adults with Concurrent Disorders: "What Works for Whom, Where, Why, and How?" May 2009

Bryant T, Farah M, Meagher A, Nisenbaum R, O'Campo P, Park-Wyllie P, Ramsay J, Smith P, Tandon R, Thompson A, Watson P. An Evaluation of the St. Michael's Hospital Community Advisory Panels. October 2006

Ruderman M, Aronson RE, O'Campo P. Preliminary Results of Community Survey II: Baltimore City Healthy Start. July 14, 1997

Aronson RE, O'Campo P, Peak G. The Use of Neighborhood Mapping in Community Evaluation: The Experience of the Baltimore City Healthy Start Evaluation. July 7, 1996

O'Campo P, Aronson R, Johnson TL. Economic, physical, and political characteristics of neighborhood of residence and the risk of low birth weight. August 1996

O'Campo P, Caughy M, Aronson R: Baltimore City Healthy Start Final Local Evaluation Report. Report submitted to Division of Healthy Start Health Resources & Services Administration December 15, 1997

Owusu C, Aronson RE, Sparrow C, O'Campo P. Results of the Church and Religious Congregation Survey: Baltimore City Healthy Start. September 27, 1996

Aronson RE, Schollenberger J, O'Campo P. Preliminary Results of the Baseline Community Survey: Baltimore City Healthy Start. June 16, 1995

Aronson RE, Sparrow C, Simms Y, O'Campo P. Defining Community in Sandtown: Report on Focus Groups in Target Area A. March 31, 1995

Aronson RE, Simms Y, Sparrow C, Qureshi F, Hudson C, O'Campo. Report on Neighborhood Mapping Healthy Start Target Area A: West Baltimore. March 27, 1995

Sparrow C, Aronson RE, Simms Y, O'Campo P. Defining Community in Harlem Park: Report on Focus Groups in Target Area A. January 24, 1995

Sparrow C, Aronson RE, Simms Y, O'Campo. Pregnancy and Infant Health: Report on Focus Groups in Target Area A. December 16, 1994

Aronson RE, Sparrow C, Dorsey-Bey A, Simms Y, O'Campo. Alcohol & Illicit Drug Use: Report on Focus Groups in Target Area A. August 2, 1994

## **TEACHING**

<i>Year</i>	<i>Student</i>	<i>Research</i>
<i>Postdoctoral Fellows</i>		
2015-2017	Ben Brisbois	Environment and Health
2014-2015	Angela Mashford-Pringle	Aboriginal health
2013-2014	Edwin Ng	Political influences on health inequalities
2013-2014	Alisa Velonis	Intimate Partner Violence
2012 - 2014	Molnar, Agnes (CRICH)	Health in All Policies

2011 - 2013	Morinis, Julia (CRICH)	Inequalities in Childhood Health
2011 - 2013	Renahy, Emilie (CRICH)	Health care system access for vulnerable populations
2009 - 2012	Urquia, Marcelo (CRICH)	Social perinatal epidemiology
2009 - 2012	Daoud, Nihaya (CRICH)	Indigenous health
2009 - 2011	Lobb, Rebecca (CRICH)	Access to cancer screening and treatments
2009 - 2011	Van Der Mulen, Emily (CRICH)	Rights and health of sex workers
2008 - 2009	Quinonez, Carlos (CRICH)	Dental inequalities of health
2007 - 2009	Kirst, Maritt (CRICH)	Neighbourhood effects and substance use
2005 - 2006	Tandon, Reena (CRICH)	Women's health
<i>Doctoral Advisees</i>		
2015 - present	Judith Odhiambo (U of Toronto)	HIV
2014 – present	Jairam, Jennifer (U of Toronto)	Women's health
2013 - present	Oneka, Golda (U of Toronto)	Health in All Policies
2014-2015	Ariel Pulver (U of Toronto)	Gender and child health
2007 - 2012	Firestone, Michelle (U of Toronto)	Aboriginal health
2005 - present	Cyriac ,Ajitha (U of Toronto)	Intersection of HIV and IPV and women's health
2002- 2011	Allston, Adam (Johns Hopkins University)	Socioeconomic and racial disparities in prenatal health
12/18/02	Baytop, Chanza (Dept of Population and Family Health Sciences)	Systematic review of teen pregnancy prevention program
12/17/03	Pallitto, Christina (Dept of Population & FHS)	"Intimate Partner Violence and Unintended Pregnancy in Colombia"
12/15/03	Higman, Susan (Dept of Population & FHS)	"The Influence of Individual and Family Characteristics on the Relationship between Child's Language Development and Adult Social Interaction and Life Satisfaction."
10/18/00	Nachbar, Nancy	"Changing Infant Feeding Practices in Rural Niger Via Mothers' Support Groups: A Qualitative Needs Assessment"
10/06/00	Rojas-Smith, Lucia	"The Effect of Nativity and Parental Duration of US Residency on Immigrant Children's Health Insurance Status and Utilization of Health Care Services"
<b>Year</b>	<b>Student</b>	<b>Research</b>
10/02	Wallis, Anne (Dept of Population and FHS)	"Listening to Women: Maternal Stress, Parenting and Neighborhood Environment."
05/18/94	Dietz, Patricia	"The Family Risk Factors Associated with Adolescent Runaway Behavior"
02/26/04	Yonas, Michael (Dept of Population and FHS)	Exploring Social and Structural Dynamics of Urban Youth Violence: A Needs Assessment"

02/17/04	Shefner, Corinne L. (Dept of Population & FHS)	“Pregnancy Knowledge, Attitudes, and Practices in Indonesia: Does Husband’s Social Support Make A Difference?”
03/16/97	Dutta, Sheila - ScD	HIV infection in India
03/06/95	Lawrence, Jean M. - ScD	Maternal and child Health
01/18/95	Caleb, Leila - ScD	Family Planning
<i>Masters Advisees</i>		
2002	Coleman, Christopher –MPH	Masters of public health
2002	Khandker, Maheruh –MHS	Masters of public health
2001	Papacharalambous, Jocelyne – SPST-PDF	Masters of public health
1999	Quinn, Megan –MPH	Masters of public health
2000	Thomas, Alicia –MPH	Masters of public health
2003	Singh, Vijay –MPH	Masters of public health
09/01/94	Kavanaugh, Maihgan - MPH	Masters of public health
07/30/93	Kent, Heather - MHS	Masters of public health
01/20/93	Biggers, Shaun D. - MPH	"Minority Women's Health Issues/HIV in Women of Color"
09/01/92	Gonzalez, Jeannette - MHS	“Cultural Diversity In Action: The Rainbow Community Head Start Program"
2012 - 2013	Robbins Hilary A.	“Neighborhood influences on pregnancy outcomes”
12/09/04	Urqui, Marcelo -External reviewer of Departmental MSc Protocol Presentation	"Socioeconomic disparities in pregnancy outcomes in Toronto, 1991-2001".
11/00	Kemel, Yelena	“What Happens During the Prenatal Genetic Counseling Session: Exploratory Study of Genetic Counseling”
<i>Doctoral Committees</i>		
2014	Chantal Ramraj	Racial disparities and health
2014	Laila Rahman	Gender and violence
2015	Claire Kendall (U of Ottawa)	Health Services Utilization among individuals infected with HIV
2012	Antony Chum	Urban Geography
2015	Nick Falvo (Carleton Univ)	Social protection policies
<b>Year</b>	<b>Student</b>	<b>Research</b>
2010	Marcelo Urquia	Perinatal Epidemiology
2003	Johnson, Courtney D. (John Hopkins SPH)	Perinatal Epidemiology
2002	Burke, Jessica Giffin (John Hopkins SPH)	Partner violence
2002	Armada, Francisco A (John Hopkins SPH)	Neoliberalism and Population Health in Latin American.

2002	Macinko, James (John Hopkins SPH)	Primary Care & Social Inequalities, Health Outcomes in OECD Countries,
2001	Paredes-Solari, Patricia (John Hopkins SPH)	Treatment of Childhood Diarrhea
2001	Xu, Xiao (John Hopkins SPH)	Partner violence in China
02/08/01	Schneiderman, Aaron – Dept of EHS	“Development of an Occupation-Specific Fatigue Scale”
02/07/01	Weathers, Andrea – Dept of Population and FHS	Health status and access to care among migrant families
01/18/01	Chen, Yi-Hua – Dept of Mental Hygiene	“The Link Between Children’s Anxiety and Aggression: A Longitudinal Study”
03/31/00	Nielsen-McPherson, Marcia (Dept of HPM)	Poverty and Later Welfare Dependency In an Urban African American Community: A Life Course Perspective”
09/21/99	Kobayashi, Akira (Dept of HPM)	“Precursors of Self-Esteem and Distress Among Middle-Aged Male Physicians: A Longitudinal Study”
05/19/99	Altarac, Maja	“Coercive Control, Domestic Violence and Pregnancy Outcomes”
03/21/97	Johnson, Tracy	Women’s health
02/26/03	Johnson, Courtney	“Posterm Pregnancy, Risk factors and neonatal outcomes”
03/19/97	McCree, Donna (Dept of HPM)	Children’s health
02/14/97	Aronson, Robert	"Community Diagnosis In Evaluation: The Experience of the Healthy Start Community Evaluation"
01/21/97	Cubbin, Cathy (Dept of HPM)	Social determinants of health
01/16/96	Wu, Ling Yu	"Probability and Determinants of Spontaneous Abortion"
08/07/95	Faerstein, Eduardo	"Risk Factors for Clinical Leiomyomata UTERI: A Practice-Based Case-Control Study"
02/21/95	Raisler, Jeannie	"An Investigation of the Association Between Breastfeeding and Infant Health in the First Six Months of Life"
10/15/94	Barbosa, Gail	"Social Support and Preterm Delivery Among a Cohort of Low-income African-American Women"
05/06/94	Polacsek, Michele	"Stages of Change of Condom Use and the Significance of the Sexual Relationship"
03/31/94	Hwang, Shih-Jen	"Oral Clefts:Search for Genetic Variability and Gene Environment Interaction"
02/04/94	Davis, Mary	"Predictors of Smoking Cessation Among Two Selected
<b>Year</b>	<b>Student</b>	<b>Research</b>
		Samples of African American Pregnant Women"
11/11/93	Davis, Aria	"The Relationship Between Substance Use and Unprotected Sexual Intercourse Among Urban African- American Young Adults"

*Classroom Instruction*

- 2016 Instructor  
*Realist Review Training. Utrecht, Netherlands*
- 2016 Course Co-Instructor  
Population Health Intervention Research, Dalla Lana School of Public Health, University of Toronto
- 2014 -2016 Course Co-Instructor  
*HEALTHIER CITIES & COMMUNITIES.*  
*Dalla Lana School of Public Health, Division of Social and Behaviourial Sciences.*
- 2009-2015 Course Instructor  
SHORT BURST METHODS MODULES  
*ACHIEVE Postdoctoral Training Program. A variety of two to four day research interventions methods modules are offered each year in the ACHIEVE program such as Concept Mapping, Realist Review, and Evaluation.*
- 2011 Course Co-Instructor  
*MAXIMIZING THE IMPACTS OF HEALTH EQUITY EVIDENCE: USING "KT" DESIGN PRINCIPLES*  
*Maternal and Child Health Epidemiology Conference in New Orleans: This course covers the principles of knowledge translation for epidemiologic research.*
- 2011 Course Co-Instructor  
*BEST PRACTICES" IN KNOWLEDGE TRANSLATION: STRATEGIES AND SKILLS TO PROMOTE USE OF RESEARCH FOR POLICY CHANGE IN MATERNAL AND CHILD HEALTH CityMATCH conference in San Francisco: This course covers the principles of knowledge translation for maternal and child health programs.*
- 2011 Course Co-Instructor  
*300.875.98—MAXIMIZING THE IMPACTS OF YOUR HEALTH EQUITY RESEARCH: USING KNOWLEDGE TRANSLATION DESIGN PRINCIPLES*  
Eighth Annual Johns Hopkins Bloomberg Health Policy and Management Fall Institute in Barcelona, Spain. This course covers the principles of knowledge translation for complex health research focused in reducing health inequities.
- 2009-present Section Leader  
*PUBLIC HEALTH RES METHODS (FALL-2009-CHL5203H) This*

Dalla Lana  
School of Public Health course provides students with a solid understanding of how to design and implement a study involving survey research.

June 9-13, 2008 Faculty Lead and Course Instructor,  
*2008 SUMMER INSTITUTE ON HEALTH EQUITY AND URBAN HEALTH*

This intensive week-long training and learning institute was co-hosted by the Centre for Research on Inner City Health (St. Michael's Hospital) and the Ontario Training Centre in Health Services and Policy Research. The Institute exposed participants to complex relationships between research, values, and windows of opportunity for public health action and decision making.

Curriculum themes included: urban health equity, homelessness, harm reduction, health impacts of neighbourhoods, and ethics of community-based participatory research. The session on *Urban Health Equity: Frameworks for Understanding Inner City Health* introduced participants to core conceptual frameworks for understanding social determinants of health and health equity and provided an overview of priority health system challenges faced by marginalized populations.

Nov. 2-4, 2006 Course Instructor  
*COMMUNITY INTERVENTIONS FOR REDUCING INEQUALITIES: CONSIDERATION OF THEORY, METHODS AND EVALUATION.*  
Third Annual Johns Hopkins Bloomberg Health Policy and Management Fall Institute in Barcelona, Spain. This course focuses on local and community based interventions for addressing health inequalities.

2006-2008 Course Instructor  
*RESEARCH METHODS I (CHL 5404H)*  
Public Health Sciences, University of Toronto

2007 - 2008 Course Leader  
*REALIST SYSTEMATIC SYNTHESIS OF CASE MANAGEMENT FOR CONCURRENT SUBSTANCE ABUSE AND MENTAL HEALTH DISORDERS IN COMMUNITY SETTINGS: A TRANSDISCIPLINARY APPROACH*  
This transdisciplinary team of community service providers and academics are undertaking a systematic review based on realist methodology to determine best practices for the use of case management in persons with concurrent substance abuse and mental health disorders residing in urban environments.

2008 Course Faculty  
*EVALUATION AND INEQUALITIES*, course taught at the Edinburgh Evaluation Summer School in partnership with University of Edinburgh, Glasgow Centre for Population Health and National Health Scotland. Taught the session on evaluation theories and needs assessment.

- 2006 - 2009 Course Instructor  
*HEALTH OF MARGINALIZED POPULATIONS: TRANSDISCIPLINARY RESEARCH PROJECT*  
 Centre for Research on Inner City Health, St. Michael's Hospital. This is a year long transdisciplinary research project which undertaken by postdocs and predocs who are in the course. The projects are in partnership with community partners and are problem focused.
- 2002 – present Core Faculty  
*TRAINING COURSE IN MATERNAL & CHILD HEALTH EPIDEMIOLOGY*  
 Funded by the Maternal and Child Health Bureau and the Centers for Disease Control and Prevention. This MCHB project will train MCH practitioners in various data & evaluation related skills including epidemiologic analyses, use of various government and census data, surveillance and monitoring in an annual one week training session.
- December 2005 Course Co-Instructor  
*WORKSHOP IN MULTILEVEL MODELING FOR MATERNAL AND CHILD HEALTH DATA.* CDC and HRSA. Maternal and Child Health Epidemiology Conference, Tampa Florida
- February 2004 Course Co-Instructor  
*WORKSHOP IN MULTILEVEL MODELING FOR THE BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM CONFERENCE*  
 Center for Disease Control, Atlanta GA
- 2003-2004 Course Instructor, PFHS 380.860.01  
*RESEARCH SEMINAR IN POPULATION AND FAMILY HEALTH SCIENCES*
- 2003-2004 Course Instructor, PFHS 380.861.01  
*RESEARCH SEMINAR IN REPRODUCTIVE, PERINATAL, AND WOMEN'S HEALTH*
- 2003-2004 Course Instructor, Epidemiology, 340.865.01  
*ADVANCED SEMINAR IN SOCIAL EPIDEMIOLOGY*  
 This advanced seminar is designed to offer doctoral students an opportunity to synthesize theories and methodologies from the social and behavioral sciences and epidemiology. Topics to be covered include: ·a) the role of theory in epidemiology, b) fundamental causes and the problem of “distality”, c) how do social factors get into the body, d) modeling of social factors and health using path analysis, and e) area-based influences on health using multilevel analysis
- 2002 - 2004 Course Co-Instructor, PFHS 380.612.01  
*EVALUATION RESEARCH II*



Department of Population and Family Health, The Johns Hopkins University, Bloomberg School of Public Health. This course focuses on the application of evaluation in the domestic U.S. setting with a particular focus on the evaluation of women's and children's health policies and programs. The main themes include: a module on needs assessment as carried out under Title V; modules or cases on evaluation of programs for women's and children's health; a module on cost effectiveness; case studies that reflect the different kinds of evaluation strategies focusing on programs for family planning, clinic-based pediatric programs, immunization programs, community-based health programs, etc.

03/2001 – 05/2004 Course Instructor, PFHS 380.667  
*WOMEN'S HEALTH POLICY*

Department of Population and Family Health, The Johns Hopkins University, Bloomberg School of Hygiene and Public Health. This course provides an overview of current health policy issues for women in the U.S. with application to developing countries, including current definitions of women's health, the role of the women's health movement in shaping these definitions and the intersection of science and policy. Presents case studies of public policies and their impact upon women's well being. Covers topics such as: family planning (U.S. and international), substance abuse, welfare reform, violence against women, and health care organization in the U.S.

01/01 – 02 Course Co-Instructor, PFHS 380.666  
*WOMEN'S HEALTH*

Department of Population and Family Health, The Johns Hopkins University, Bloomberg School of Hygiene and Public Health. This course presents an overview of the health status of women and preventive strategies to improve their health, primarily in developed countries. Topics include physical and mental health problems, their health behavior, and where appropriate, gender differences in health problems and health behavior. Health issues are viewed from both biological and social perspectives. Risk factors for each are discussed as well as effective preventive interventions for women.

06/99 – 05/04 Course Co-Instructor, EPI 340.893  
*PERINATAL EPIDEMIOLOGY*

This one week course given as part of the Johns Hopkins Summer Epidemiology Institute provides an overview of the methodological and theoretical issues involved in the design, conduct, analysis and interpretation of epidemiologic studies of perinatal morbidity and mortality.

03/99 – 05/00 Course Instructor, PFHS 602  
*PROGRAM PLANNING, IMPLEMENTATION, AND EVALUATION IN MATERNAL AND CHILD HEALTH*

Department of Population and Family Health, The Johns Hopkins School of Hygiene and Public Health. This course focuses on the identification of the strategies, rationale, and data utilized in the design and assessment of public health efforts for the maternal and child health populations. Students develop skills in identification, evaluation, and critical analysis of goals of specific

programs, as well as the parameters and appropriate data used to monitor and assess these programs.

- 01/98 – 03/98 Course Instructor, PFHS 623  
*HIV INFECTION IN WOMEN, CHILDREN, AND ADOLESCENTS: POLICY AND PREVENTION*  
Department of Population and Family Health, The Johns Hopkins School of Hygiene and Public Health. This course focuses on the epidemiology and issues of prevention and policy for HIV infection in three interrelated populations: women, children, and adolescents. The course emphasizes the social and behavioral factors that have shaped the current epidemic of HIV infection. This understanding serves as a basis for a discussion of current policy and the development of prevention programs. Theoretical bases of prevention programs are also discussed.
- 05/96 – present Course Co-Instructor (Web Course) & faculty lecturer  
*PREVENTING INFANT MORTALITY AND PROMOTING THE HEALTH OF WOMEN, INFANTS AND CHILDREN*  
This web-based course provides an in-depth treatment of the history, epidemiology, conceptual frameworks, prevention, and policy issues related to infant mortality. O'Campo's original recorded lecture is still being used
- December 1999 Course Co-Instructor  
*WORKSHOP ON MULTILEVEL MODELING*  
Presented at the Maternal, Infant, Child Health Epidemiology conference with Deborah Rosenberg and Don Hedeker.
- 04/93 - 10/97 Course Instructor, MCH 606  
*THEORETICAL FRAMEWORKS IN MCH RESEARCH AND POLICY*  
Department of Maternal and Child Health, The Johns Hopkins School of Hygiene and Public Health. This course provides students interested in maternal and child health with a working knowledge of the most commonly used theories in MCH research and policy formation. Through lectures, students become familiar with several key social, economic, anthropologic, and psychologic frameworks. Applications of these frameworks to MCH research or policy formation are presented. Students are expected to develop their own applications of a subset of the frameworks to an MCH problem.
- 06/95 - 97 Invited Lecturer  
*SUMMER MINORITY PUBLIC HEALTH INSTITUTE*  
University of North Carolina, Chapel Hill.
- 02/91 - 05/97 Course Instructor, MCH 604  
*RESEARCH METHODS IN MATERNAL AND CHILD HEALTH*  
Department of Maternal and Child Health, The Johns Hopkins School of Hygiene and Public Health. This course provides an examination of the fundamental steps, issues, and problems involved in conducting applied,

research in the area of maternal and child health, and affords students an opportunity to apply principles learned in introductory epidemiological and biostatistical course work to specific maternal and child health problems. Lectures and discussion cover data collection issues, pre-analysis decisions, hypotheses testing, analytic approaches, data display techniques, and interpretation of results. Data sets used in the course include vital statistics data and data on childhood injuries, breastfeeding, fertility-related behaviors, and reproductive outcomes. Students may draw on their own research activities to contribute real problems for class work sessions. This course is intended for students who have taken introductory epidemiology and biostatistics courses. Mainframe computing skills are preferred, but not required. Student evaluation is based on completed lab assignments and an in-class presentation.

10/96 - 01/97

Course Co-Instructor

*INTERMEDIATE EPIDEMIOLOGY*

Department of Epidemiology, The Johns Hopkins School of Hygiene and Public Health.

09/96

Instructor, MCH 630

*MATERNAL AND CHILD HEALTH AND URBAN ENVIRONMENTS*

Department

of Maternal and Child Health, The Johns Hopkins School of Hygiene and Public Health. This course will examine maternal and child health issues from an urban ecological perspective. Lectures will review relevant theories from sociology, anthropology, and human development, and integrate them into a conceptual framework useful on how neighborhood political, socio-cultural, physical, and historical contexts influence health outcomes. Sources of data and methods of data collection will be covered as well as emerging methods of neighborhood risk mapping using geographic software packages and multi-level statistical analysis. Ethical issues related to research in urban neighborhoods and the involvement of neighborhood residents will be discussed. Students will be expected to define an MCH problem of their own choosing, drawing on the theories and frameworks discussed in class, and utilizing primary and secondary sources of data. Students will prepare presentation of their findings.

06/95 - 07/95

Course Instructor

*PROGRAM DESIGN AND EVALUATION OF MCH PROGRAMS*

School of Public Health, Barcelona, Spain.

01/94 - 04/95

Course Instructor, MCH 862

*WORKSHOP ON STATISTICAL METHODS IN NEONATAL RESEARCH* The audience for this course is Neonatal and Pediatric Fellows. Basic principles in statistical analyses for clinical research are covered.

Taught second quarter every year.

03/92 - 09/94

Course Co-Instructor, MCH 616

### *ISSUES IN PERINATAL RESEARCH*

Department of Maternal and Child Health, The Johns Hopkins School of Hygiene and Public Health. The course objectives are to discuss the usefulness and limitations of routinely collected data and the analytic and conceptual basis for methodological approaches to the study of infant mortality and morbidity. The biological and social factors associated with each are also discussed. The course format includes lectures and student presentations of critiques of current research reports. Student evaluation is based on an oral and written critique of a research report, a 7-10 page paper, and class discussion.

### **RESEARCH/GRANT PARTICIPATION**

Principal Investigator and Co-Principal Investigator for the following research grants:

Co-Principal Investigator Evaluation of Ontario's Basic Income Pilot. Ontario's Ministry of Community and Social Services PIs: Hwang, Dunn, O'Campo, Gabel, Downey, Pinto, Tarride, Lewchuk. October 2017-Sept 2021. \$5,200,000

Principal Investigator. Intimate Partner Violence: Opening the Door to Help. Program of Research. St. Michael's Foundation. December 2016 to December 2019; \$450,000

Co-Principal Investigator. Kind Faces, Sharing Places: A Multi-Component Demonstration Project Addressing Underlying Causes of Indigenous Maternal and Infant Morbidity and Mortality in Ontario. Merck Canada & Merck International. \$2,600,000. (PIs Janet Smylie, Patricia O'Campo, Sara Wolfe (Seventh Generation Midwives), Francis Sanderson (Nishnawbe Homes)) 12/2016-12/2020.

Principal Investigator: Toronto Central Local Health integration Network (LHIN) Evaluation Collaboration Project. Toronto Central LHIN (TCLHIN); PI: Patricia O'Campo. 01/2014 – 03/2019; \$1,200,000. Five year partnership to evaluate large scale health system transformation.

Co-Principal Investigator: Co-Principal Investigator. A Randomized Controlled Trial of Housing First for Homeless People with Mental Illness: Long-term Outcomes. Canadian Institutes of Health Research, #300148. S. Hwang (co-PI); V. Stergiopoulos (co-PI); P. O'Campo (co-PI);. June 2013-2018 \$1,984,383.00 CAD.

Principal -Investigator (Canada site) SOPHIE - Evaluating the Impact of Structural Policies on Health Inequalities and their Social Determinants and Fostering Change. European Commission. PI: Borrell C. 11/2011-10/2015. € 495,995 Euros (Canadian site)

Co-Principal Investigator: Urban Heart @Toronto: Adapting the WHO Urban Health Equity Assessment and Response Tool for a Canadian City. Canadian Institutes of Health Research (CIHR). CO-PIs Murphy K, O'Campo P. 04/2011- 03/2013 \$199,894

*Principal Investigator:* A Realist Synthesis of Initiation of Health in All Policies (HiAP): Intersectoral perspectives. Canadian Institutes of Health Research (CIHR). PI: O'Campo, P. 04/2011- 03/2012, \$99,866 (111608)

*Principal Investigator:* Knowledge for Urban Intersectoral Action for Health: A Population Health Interventions Research Program to Advance Health Equity in Cities. Canadian Institutes of Health Research (CIHR). PI: O'Campo, P. 11/2010-04/2011, \$15,000 (ROG-110548)

*Principal Investigator:* Building Capacity for Community Action to Reduce Cancer Screening Inequities Among South Asians in Peel Ontario. Canadian Institutes of Health Research (CIHR). PI: O'Campo, P. 04/2011-03/2013, \$163,176. (MOP – 111227) This grant seeks to support a process for engaging the community of South Asian providers to identify and implement interventions to increase cancer screening.

*Principal Investigator:* Health in All Policies: A Scoping Review. Canadian Institutes of Health Research (CIHR) PI: O'Campo P, Laupacis A. 03/2010 – 09/2010. \$110,000. (ETP – 103185) This “rapid response” research commissioned by the Ontario Ministry of Health was undertaken to generate an evidence synthesis to support Ontario's Health in All Policy efforts.

*Co-Principal Investigator:* Research Demonstration Project in Mental Health and Homelessness. Mental Health Commission of Canada (MHCC) PIs (Hwang S., Stergiopoulos V., O'Campo, P). 04/2009 – 03/2013. \$22,800,000 This is the largest randomized trial ever of a Housing First initiative and results from this study directly led to federal funding for Housing First approaches to eliminating homelessness and to permanent funding for housing and supports for those enrolled in the treatment arm in Ontario. The five participating cities across Canada, for which \$110 Million dollars are supporting are: Toronto, Moncton, Montreal, Winnipeg, and Vancouver.

*Principal Investigator:* The role of housing in promoting and maintaining the health of victims of domestic violence. Canadian Institutes of Health Research (CIHR) PI: O'Campo P, 10/2009 – 09/2011 \$343,392. (MOP 97951).

*Principal Investigator:* The ACHIEVE Research Partnership: Action for Health Equity Interventions. Canadian Institutes of Health Research (CIHR) Strategic Training for Integrated Health Research (STIHR) PI: O'Campo, Patricia. 04/2009 – 03/1016. \$1,790,000 (TGF- 96566). Canada's first engaged research immersion program aimed to advance use of research evidence for effective and sustainable inner city health interventions.

*Principal Investigator:* “Screening for intimate partner violence: Concept mapping of implementation factors”. Canadian Institutes of Health Research (CIHR) PI: O'Campo, Patricia. 10/2007- 09/2009 \$ 90,000 (MFE – 85566)

Principal Investigator: “Evaluation of HIV Testing/Counseling Practices in Ontario”. Ministry of Health and Long-Term Care (MOHLTC) PI: O’Campo, Patricia. 02/2007 – 03/2009 \$259,016.

Principal Investigator: “A Systematic Review: Referrals to health and social related services for victims of intimate partner violence.” Canadian Institutes of Health Research (CIHR) PI: O’Campo, Patricia. 03/2008- 02/2009. \$100,000. (86241)  
This realist review, cited by key policy making bodies such as those involved in Obama Care and the US Preventive Task Force, formed the basis of support for screening programs in health care settings, challenging past conclusions of reviews suggesting that screening had no benefits.

Principal Investigator: “Investigating neighbourhood effects on mental health and well being”. Canadian Institutes of Health Research (CIHR). PI: O’Campo, Patricia. 10/2007 – 10/ 2010. \$809,946 (MOP- 84439). This study employed cutting-edge sampling and analytic designs to better understand neighborhood influences on health and well-being.

Principal Investigator: "Examining the relationship between HIV and IPV among Mexican female sex workers along the US/Mexico border". Canadian Institutes of Health Research (CIHR). Doctoral Advisor: O’Campo, Patricia. 9/2006-5/2010 \$63,250 (200510IDR-162406-14157)

Principal Investigator: “Establishing an e-mentoring and leadership program in northern Canadian rural communities for youth interested in exploring careers in the health sciences. Canadian Institutes of Health Research (CIHR). PI: O’Campo, Patricia. 03/2008- 03/2009, \$25,000 (SYN-86983)

Co Principal Investigator: “Neighbourhood contexts, the individual and mental health: a multilevel study”. Social Sciences and Humanities Research Council of Canada. (SSHRC) PI: Wheaton, Blair. Co PI: O’Campo P. 04/2007 – 03/2010 \$141,021.

Principal Investigator: “Conceptualization and definition of intimate partner violence among men and women with diverse ethnic background. Canadian Institutes of Health Research (CIHR). PI: O’Campo, Patricia. 10/2007 - 10/2009. \$123,696 (MOP – 84492)

Co Principal Investigator: “Baltimore’s Community Collaborative for Child Health: Phase II” National Institutes for Child Health and Human Development, 07/07-06/11, \$2,175,000

Principal Investigator: Ontario Ministry of Health and Long Term Care, Grant to support the Centre for Research on Inner City Health, 3/06-2/09, PI: O’Campo, Patricia. Direct Costs: 2006-2009. \$12,000,000.

Principal Investigator: An Integrated Training Program In Health And Social Science Research To Improve The Health Of Marginalized Populations.

Canadian Institutes of Health Research (CIHR) Strategic Training for Integrated Health Research (STIHR) PI: O'Campo, Patricia 2003-2009. \$1,350,000. (STO – 64598)

Principal Investigator: “Data Sparseness in Contextual Population Health Research: Effects of Small Group Size and Targeted Cluster Analysis on Multilevel Model Performance, Bias and Efficiency” Canadian Institutes of Health Research (CIHR) PI: O'Campo, Patricia \$24,481 03/2006 – 02/2007

Principal Investigator: “Using Observational Data to Study Neighbourhood Effects on Health: Evidence from Pilot Studies in Toronto and Baltimore” Centre for Urban Health Initiatives, Toronto, Ontario PIs: Wheaton, Blair and O'Campo, Patricia, 2006 -2007. \$7,665

Principal Investigator: “Concept mapping neighbourhood effect on mental health and establishing the validity of collecting data on residential history”. Centre for Urban Health Initiatives (CUHI) 03/04-12/05 \$10,000

Principal Investigator: “Baltimore’s Community Collaborative for Child Health” National Institutes for Child Health and Human Development, 07/03- 06/07, \$400,000.

Principal Investigator: “Advances in Statistical Analysis Applied to Health Disparities”, Maternal and Child Health Bureau, 10/02-09/07, \$500,000.

Co-Principal Investigator: “Behavioral and Academic Adjustment in Elementary School”, National Center for Child Health and Human Development, 02/02-12/04, (PI: Margaret Caughy) 2002-2007. \$1,243,917. 5R01 HD040419-04. This cutting-edge study employed unique sampling strategies and advanced our understanding of how neighborhoods influence families and the child development and educational performance of young children.

Principal Investigator: “Doctoral Training Program”, HRSA, 07/03-06/06, \$26,000.

Principal Investigator: “Community Pathways to Reducing Interpersonal Violence”, Centers for Disease Control and Prevention, 09/99-09/03, \$537,265.

Co-Principal Investigator: “How Social Factors Influence the Risk of Preterm Delivery”, National Institute of Child Health and Human Development, 08/01- 07/04, (PI: Dawn Misra) \$1,050,768. 5R01HD038098-02

Co-Principal Investigator: “Needs Assessment for Maryland Maternal and Child Health Populations (Title V)”, Department of Health and Mental Hygiene, 03/99-06/00, \$85,000.

Co-Principal Investigator: "Ecology of Child Development in Baltimore City", Smith-44

Richardson Foundation, 9701-936, 02/98-01/01, \$194,811.

Principal Investigator: "Poverty and Ecology of African-American Child Development", MCHB Grant Award, MCJ-240731, 10/96-09/99, \$833,720.

Principal Investigator: "Monitoring Methods for Rare Perinatal Outcomes", MCHB Grant Award, MCJ-240639, 02/94-01/98, \$247,522.

Co-Principal Investigator: "Utilization of Health Care Services Among Drug Using Pregnant Women" (PI: Donna Strobino), NIDA, 09/94-02/98, \$414,305.

Principal Investigator: "Monitoring Methods for Rare Events", National Institutes for Child Health and Human Development (NICHD), R01 HD31038, 08/94-07/99, \$281,858.

Principal Investigator: "Revision of the Summary of Maternity Care Data Reporting System", subcontract with the Department of Health and Mental Hygiene Local and Family Health Division, 12/92-04/95.

Principal Investigator: "Local Evaluation of Baltimore City's Healthy Start Program", subcontract with the Baltimore City Health Department, 04/92- 09/96, \$1,146,114. This Community Based Participatory Research project (CBPR) was a partnership with Baltimore City's Healthy Start Program, one of 15 federally funded infant mortality prevention demonstration sites. Results of evaluations from the demonstration site supported the expansion of this program to support over 100 sites across the USA

Principal Investigator: Center for AIDS Research Young Investigator Grant to study two topics: "Partner Influences on Risk for HIV and Risk of Interpersonal Violence Among Women at Risk for and Infected with HIV Infection," 1991-1992, \$33,000.

Principal Investigator: Faculty Development Award, "A Pilot Study of Social Indicators for Perinatal Research", 1993-1994.

*Co-investigator and Core Faculty* on the following grants:

Co-Investigator: Evaluation of the effect of co-located primary care, mental health, and pharmacy services at a harm reduction center on inpatient hospitalizations and emergency department visits (and their associated costs). Robert Wood Johnson Foundation. PI: Peter Schafer, NYAM. 07/2016 to 6/2018. \$344,768 (US).

Co-Investigator: TARGeT Kids!: Optimizing Human Potential. Canadian Institutes of Health Research (CIHR) Foundation Scheme Live Pilot. J. Maguire (PI); P. O'Campo (co-PI). 2015/9 - 2020/8; 1,564,448



Co-Applicant: A Realist Synthesis of Housing First Programs: What Works, for Whom, Under What Circumstances in the Community Functioning of Formerly Homeless Adults (Canadian Institutes for Health Research; Frankish PI: \$100,000)

Co-Investigator: Urban Aboriginal Health Counts: Advancing Urban Aboriginal Population-Based Health Needs Assessment and Health Service Evaluation in Ontario Health Systems Research Fund - Ministry of Health and Long Term Care. (PI) Smylie J, Co-Lead: O'Campo P. \$1,050,000; 04/2014- 03/2017.

Co-Investigator: Does receiving subsidized housing improve adult mental health? GTA West Housing and Health Study Renewal. Canadian Institutes of Health Research (CIHR). (PI) Dunn J., O'Campo P, Hwang S, Matheson F. (Co-Investigators). \$ 995,877. 10/2014 – 09/2018

Co-Investigator: Effects of the Regent Park Housing Redevelopment on Mental Health: Medium-Term Effects of a Population Health Intervention. CIHR and CMHC . (PI) Dunn J, (Co-Investigators) Hwang S, Matheson F, O'Campo P. \$198,878. 04/ 2015 – 03/2016

Co-Investigator: Strengthening the Implementation of Health in All Policies. Canadian Institutes of Health Research (CIHR). PI: Shankardass K, 04/2014-03/2016. \$260,134.

Co-Investigator: Gender disparities in perinatal and child health and maternal well-being associated with maternal country of birth. Canadian Institutes of Health Research (CIHR).PI: Urquia M, 10/2013-09/2016 \$250,809

Co-Investigator: Our Health Counts Toronto: Developing a Population Based Urban Aboriginal Cohort to Assess and Enhance Individual, Family, and Community Health and Wellbeing. Canadian Institutes of Health Research (CIHR). PI: Smylie J, 10/ 2013 – 09/2017. \$992,183

Co-Investigator: Focus on foster care: Young parents, perinatal healthcare practitioners and child welfare professionals partnering for change. Canadian Institutes of Health Research (CIHR). PI: Parsons J, 07/2014 – 06/2016. \$199,000

Co-Investigator: School redesign and neighbourhood redevelopment: A study of educational success, families and equity. Social Sciences and Humanities Research Council (SSHRC). PI: Patel S, June/2013 to May/2015. \$74,944.

Co-Investigator: A realist synthesis addressing early childhood programs combining a social determinants and community based public health approach with an individual's clinical primary care. Canadian Institutes of Health Research (CIHR) PI: Tyler I, 10/ 2013-09/2014. \$99,939 CAD

Co-Investigator: Gender disparities in perinatal and child health and maternal well-

being associated with maternal country of birth. Canadian Institutes of Health Research (CIHR). PI: Urquia M. 2013-2014. \$100,000 CAD.

Co-Investigator: GTA West Social Housing and Health Study, Canadian Institutes of Health Research (CIHR). PI: Dunn J. 2013-2014. \$100,000

Co-Investigator: Coordinated access to care from hospital Emergency Department: assessing effectiveness and cost effectiveness. PI: Stergiopoulos, V. 2012 – 2014. \$400,000.00 CAD. BRIDGES 470530(8). University of Toronto.

Co-Investigator: Severe maternal and neonatal morbidity associated with maternal country of birth. Canadian Institutes of Health Research (CIHR) PI: Urquia M. 10/2012- 09/2014 \$61,395.

We will study 1.35 million deliveries in Ontario in the past decade to identify those immigrant groups at highest risk of severe maternal and newborn baby illness and mortality.

Co-Investigator: The effectiveness of a brief intervention on improving health outcomes for homeless people with unmet health needs. Canadian Institutes of Health Research, #267375 PI: Stergiopoulos V. 05/01/2012-04/30/2015 \$343,131.

Mixed methods study aims to evaluate the impact of the Coordinated Access to Care for the Homeless (CATCH) intervention on health outcomes and health service use

Co-Investigator: Picturing foster care: A photo voice evaluation of three different fostering models and their implications for perinatal care provision. Canadian Institutes of Health Research (CIHR) PI: Parsons J. 04/12-03/14 \$257,496

Co-Investigator: For Seven Generations: Knowledge Synthesis to Support the Development and Implementation of an Urban Aboriginal Birthing and Maternal Child Health Centre. Canadian Institutes of Health Research (CIHR) PI: Smylie, J. 04/2011 - 03/2012 \$100,000

Co-Investigator: Concept Mapping: Community Planning to Reduce Inequities in Cancer Screening. Canadian Institutes of Health Research (CIHR) PI: Lobb, R, 06/2010- 05/2011 \$25,000

Co-Investigator: Toward Reducing Cancer Screening Inequities among South Asians in Ontario. Canadian Institutes of Health Research (CIHR) Lofters, A. 06/2010-05/2011 \$14,900

Co-Investigator: The Influence of Social Capital on HIV and HCV-Related Behaviours of Street-Involved Youth Canadian Institutes of Health Research (CIHR) PI: Kirst, M. 04/2010-03/2012 \$90,000

Co-Investigator: Effects of Housing Redevelopment on Mental Health, Child

Development and Community Life in Toronto's Regent Park. MacArthur Foundation (U.S) PI: Dunn J. 03/2010 – 04/2013 \$712,979 US.

Co-Investigator: Universities without walls: A CIHR Training Grant in HIV/AIDS Health. Canadian Institutes of Health Research (CIHR) PI: Rourke S. 04/2009-03/2015, \$299,166.

Co-Investigator: CIHR Centre for REACH in HIV/AIDS (Research Evidence into Action for Community Health) Canadian Institutes of Health Research (CIHR) PI: Rourke S. 06/2009 – 05-2014, \$250,000

Co-Investigator: Well Infants, Well Families, Well Nations: A National and Regional Multivariate Analysis of First Nations Infant Health using First Nations Regional Longitudinal Health Survey Data. Canadian Institutes of Health Research (CIHR) PI: Smylie, J. 04/2009- 03/2011 \$100,000 (AHS-93265)

Co-Investigator: "St. James Town Initiative: Investigating Neighbourhood Effects on Mental Health and Wellbeing of Newcomers." Canadian Institutes of Health Research (CIHR) PI: Haque, Nasim. 04/2010 – 03/2011. \$69,500.

This study will investigate the links between residential environment and individual mental health among non-English speaking immigrants residing in St. Jamestown, Toronto.

Co-Investigator: "Indigenous Knowledge Network for Infant, Child, Family Health". Canadian Institutes of Health Research (CIHR). PI: Smylie, J. 04/2008– 03/2013. \$933,190 (MOP – 86761)

Co-Investigator: "Improving the accessibility of research ethics boards for community-based research in Canada" Canadian Institutes of Health Research (CIHR) PI: Flicker, Sarah 2007 – 2009, \$58,327.

Co-Investigator: "CIHR Team in maternal Infant Care". Canadian Institutes of Health Research (CIHR). PI: Lee, SK. 10/2008 – 09/2013. \$598,870

Co-Investigator: "The effect of neighbourhood socio-economic and ethnic context on adolescent mental health outcomes." Swedish Council for Working Life and Social Research. PI: Eva Sellstrom. Amount: 1 500 000 SEK (226183 CAD) 01/2008-12/2010

Co-Investigator: "Effects of the Regent Park Housing Redevelopment on Mental Health". Canadian Institutes of Health Research (CIHR). PI: Dunn, J. 10/2008 – 9/2011. \$299,805 (GIR – 91063)

Co-Investigator: Socioeconomic status and perinatal health Canadian Institutes of Health Research (CIHR). PI: Allen, Victoria, Dendukuri, Nandini, Joseph, K.S, O'Campo, Patricia 04/2007 – 03/2010. \$314,000

Co-Investigator: "Examining the effectiveness of a case management intervention for improving the well being of women with HIV/AIDS: A community-based research approach". Canadian Institutes of Health Research (CIHR). PIs: Carvalhal, A and Binder, L. 04/2007 - 03/2010. \$300,000.

Co-Investigator: "Effects of social housing on adult and child mental health: A prospective study in the GTA West". Canadian Institutes of Health Research (CIHR) PI: Dunn, James 04/2008– 03/2013 \$1,195,000 (MOP – 86572)

Co Investigator: Gender and perceptions of gambling: a pilot project using concept mapping. Ontario Problem Gambling Research Centre PI: Flora Matheson, 03/07 – 03/08, \$41,944.

Co-Investigator: "Neighbourhood Health Effects: A Systematic Review of Research Evidence and Place-Based Policy Prescriptions" Canadian Institutes of Health Research (CIHR) PI: Nancy Annette Ross, Co-Applciant: Patricia O'Campo. \$72,100. 03/2006 – 02/2007.

Co- Investigator: "Ecological Risks for STDs in Adolescents and Young Adults", 4/30/02-3/31/06, \$1,998,286.

Co-investigator: "HIV and Domestic Violence: An Intervention Pilot Study" (Andrea Gielen), NIMH, 06/00-02/01, \$50,000.

Co-investigator: "Advancing Education and Public Policy Development for Women's Health and Perinatal Concerns" (PI: Bernard Guyer). (Health Research Services Administration (HRSA) 1996-2002 \$3,000,000

Co-investigator: "Identification of Abuse and Health Consequences for Military and Civilian Women" (PI: Jackie Campbell), NIMH, 9/15/96-3/31/01.

Co-investigator: "Women and Violence: HIV Positive and HIV Negative Women" (PI: Andrea Gielen), R01-MH53821, 05/96-04/99, \$878,495.

Co-investigator: "Prevention of HIV Infection Among Women and Infants" (P.I. Ruth Faden), CDC, U6CCU30693402. 1994-1999

Co-investigator: "Risk of HIV Infection and Fertility Related Behaviors During the Childbearing Year" (P.I. Ruth Faden), NICHD, R01 HD24816, 09/88-06/92, \$424,704.

Co-investigator: "Smoking Cessation/Relapse Prevention Trial Among Low Income, Minority Women During the Childbearing Year" (P.I. Ruth Faden), MCH, MCJ 2400562, 11/87-10/91, \$532,034.

Co-investigator: "Sandtown-Winchester Community Based Health Transformation Project" awarded to Baltimore City Health Department by the Robert Wood Johnson Foundation.

Co-investigator: "Evaluation of A Better Start" (PI: Donna Strobino), Pew Charitable Trust Foundation.

Core Faculty: "Interdisciplinary Research Training on Violence" (PI: Jackie Campbell), National Institutes of Mental Health, T32 NIMH 20014, 07/99- 06/04, \$1.3 million.

Core Faculty: "Prevention Research Center for Early Risk Behaviors" (PI: Dr. Phil Leaf) Department of Mental Hygiene, National Institute of Mental Health, P30MH38725, 09/95-08/00, \$697,769.

Core Faculty: "Perinatal and Women's Health Policy Program" Maternal and Child Health Bureau, HRSA, DHHS, 10/91-09/04, \$499,000 annual.

## **ACADEMIC SERVICE**

*Li Ka Shing Knowledge Institute (LKSKI) at St. Michael's Hospital*

2016 - present	Research Leadership Committee, LKSKI
2015-present	Vice Chair, Scientist Reappointment Review Committee
2010-present	Scientist Reappointment Review Committee
2009 to present	Inner City Health Executive
Committee 2009 to 2015	LKSKI Research Executive
Committee	
2011 to present	KRC/LKSKI Research Planning Steering Committee

University of Toronto:

6/15 to 6/2016	Co-chair, Search Committee for Endowed Directorship of the Waakabinesse-Bryce Institute for Indigenous Health at the DLSPH
12/12 to present	Co-lead, Healthy Cities/Communities Hub, Dalla Lana School of Public Health
09/10 to 08/11	Search Committee: Dean Dalla Lana School of Public Health
08/06 to 03/07	Steering Committee for the establishment of the University of Toronto School of Public Health
07/05 to 07/06	Advisory Committee for Public Health Sciences, University of Toronto

*Johns Hopkins, Population and Family Health Sciences Departmental*

9/03 – 2004 Reproductive, Perinatal and Women’s Health Program Area  
 Head 8/02 – 2004 Mentoring Committee-Chair  
 1995 - 1997 Computer Committee  
 1995 - 2000 Curriculum Committee-Chair  
 1993 - 2004 Curriculum Committee  
 1992 - 1995 Computer Committee-Chair  
 1994 Faculty Search  
 Committee 1991 – 1993, 2003 Admissions  
 Committee

*Johns Hopkins School-Wide*

2002-2004 Faculty Senate  
 9/02 – 2004 Member, Student Matters Subcommittee, Committee on Academic  
 Standards 10/01 – 2004 Member, Committee for the Review of the Epidemiology Department  
 9/01 – 1/02 Member, IRB Committee #3 Temporarily Convened to Review Suspended  
 Research for Johns Hopkins Bloomberg School of Public Health  
 1999-2000 Catalog Subcommittee  
 1996 - 2000 Vice-Chair, Institutional Review Board, Johns Hopkins School of Public  
 Health 1995 - 1996 Animal Care and Use Committee  
 1993 - 1994 Committee on Information Technology  
 1992 - 1994 Minority Predoctoral Fellowship Faculty Selection  
 Committee 1992 - 1993 Academic Computing Committee

**PRESENTATIONS**

***Invited Talks and Seminars***

1. O'Campo P: New approaches to addressing the root causes of mental health problems among Ontarians . Ontario Psychological Association Annual Conference. Toronto, November 3 2017
2. Are Smart Cities a Smart Idea? Panel on Smart Cities, University of Toronto Innis College, Toronto, November 2 2017
3. O'Campo P: What do the Social Determinants of Health have to do with NICU Care? Vermont Oxford Network Annual Conference, Chicago, IL, October 29, 2017
4. O'Campo P., Creating Healthier Cities. Workshop to Smart Cities Administrators, Metropolika Conference, Mumbai, India, May 2017
5. O'Campo P. The HARMONICS of Health in All Policies Implementation. Sparking Solutions conference, Ottawa Canada, 2016
6. O'Campo P. Housing as a Political and Social determinant of health. Keynote for the Program in Public Health Policy, February 2016

7. O'Campo P., The causes of the causes of the causes: Helping health care organizations assess and respond to community need. Keynote, Catholic Health Sponsors of Ontario, September 2016
8. O'Campo P. Housing as a social determinant of Health: the case of Housing First for impacting strong housing policy. Conference on Housing as a Social Determinant of Health, Seoul, Korea, January 2016
9. O'Campo P: Tackling Urban Health Inequities: Is the evidence failing us? Keynote Health Disparities and Social Justice conference, DePaul University & Rush University, 2016
10. O'Campo P: Strengthening the implementation of Health in All Policies: a methodology for realist explanatory multiple case studies. 1st International Conference on Realist Approaches to Evaluation and Synthesis: Successes, Challenges, and the Road Ahead. Liverpool, UK Oct 27, 2014
11. O'Campo P: Tacking Global Health Inequalities: is the evidence failing us? 4th Annual Bernard Guyer Lecture, University of Rochester Medical School, October 2014
12. O'Campo P. Plenary speaker, Social determinants of health: supports for developing policies and programs for action. Annual Maternal and Child Health Epiemiology meeting, Pheonix Az, September 2014
13. O'Campo P., Plenary speaker, The future of Epidemiology, toward a science of real world impact. Annual meeting of the American College of Epidemiology, Silver Spring, Md, September 2014.
14. O'Campo P. Are we producing the right kind of actionable evidence for addressing the health impact for the global financial crisis? Symposium on the Economic Crisis and Health Inequalities, Seoul August 2014.
15. O'Campo P: Urban health inequities in low and middle income countries. What are the evidence needs? Presented at the World Urban Forum, Medellin, Columbia, April 2014
16. Running a successful research centre: scholarship, partnerships and challenges. Presented at the Canadian Association for HIV Research Mid-Career Workshop, Banf, Canada, March 2013
17. O'Campo P: Why is research the weakest link on the path to health equity? Presented to the School of Public Health, University of Western Ontario, London, ON, November 2013
18. O'Campo P: Research on Healthy Neighbourhoods: New Frontier or Passing Fad. McGill University, Faculty of Dentistry, November 2013
19. O'Campo P: Appropriate health care responses to reducing intimate partner violence, Mt Sinai Hospital, Toronto, Ontario, March 2013. (keynote)

20. O'Campo P: Making research relevant: making partnerships work. Mott Foundation, Flint Michigan, January 2013
21. O'Campo P: Ensuring research relevance in reducing health inequalities. Epidemiology Department, Michigan State University, East Lansing, Michigan, January 2013
22. O'Campo P Achieving Health Equity in Maternal and Child Health through Place Based Change Strategies. San Antonio Texas, December 2013 (plenary conference speaker)
23. O'Campo P. Overview of research conducted at the Centre for Research on Inner City Health: Making an Impact. Keynote, Research Training Centre Research Day, November 2012
24. O'Campo P. What do we mean when we say we want health equity? Keynote at the All General Meeting of Access Alliance, Toronto Ontario, September 2013
25. O'Campo P: Rethinking Perinatal Epidemiology: Toward a Science of Change, Keynote Address presented to the CIHR and NIH funded Summer Institute in Reproductive and Perinatal Epidemiology, Philadelphia July 26, 2012
26. O'Campo P. Barriers and facilitators for Implementation of Health Equity Impact Assessment Tools delivered at the Ontario Ministry of Health and Long Term Care conference on Delivering Quality: High Impact Equity Planning in Challenging Times, May 2012
27. O'Campo P: Why is research the weakest link on the path to health equity? Invited speaker, School of Public Health, Pittsburgh Pa, May 2012
28. What is the Best Role for Research to Play in Closing the Inequity Gap? Presented at the Sick Kids Conference on Global Children's Health, February 2012.
29. Harder than Rocket Science: Using Research to Design Family Friendly Policies, 19th Annual Symposium on Families, NICHD and Penn State. October 2011.
23. Reducing urban health disparities in low and middle income countries: state of the science, Keynote speech at the International Conference on Urban Health, Belo Horizonte Brazil November 2011.
24. O'Campo P. Epidemiologic research on health inequities: are we missing the mark? Invited plenary speaker, 16th Annual Meeting of the Maternal and Child Health Epidemiology conference, San Antonio, TX, December 2010.
25. O'Campo P. Why is research the weakest link on the path to health equity? Presented at the 25th and final Ruth Cooperstock Lecture at CAMH, Toronto. October 2010.
26. O'Campo P., Social inequities in health: concepts & strategies for action Presented to the annual meeting of the CDCs Birth Defects Monitoring Program, August 2010.
27. O'Campo P., Questioning the evidence on screening for partner violence in health care settings—should universal screening be supported? Presented at the Mt Sinai Hospital



symposium on “Reluctant Interventions” , May 2010

28. O’Campo P., Mechanisms to promote interventions in urban settings; need for evidence and research in urban health. Presented to the Urban Health Knowledge Network at the Closing the Gap in a Generation conference, November 2008, Plenary Speaker London England.
29. O’Campo P. Warnaar G: Poverty, the Urban Environment and Health. Invited presentation to the University of Toronto Dalla Lana School of Public Health Conference on Poverty and Health, Toronto, Ontario, October 2008
30. O’Campo P., Moving Evidence about Health Inequities into Action. Invited Presentation to Toronto Public Health Symposium: Determinants of Our Health: Toronto in a Global Village, Toronto, Ontario, October 2008
31. O’Campo P., Making Systematic Reviews More Useful: Adopting a “Realist” Approach Invited Presentation to the Ontario Ministry of Health and Long Term Care, Toronto, Ontario, October 2008
32. O’Campo P. Healthy Neighborhoods: New Frontier or Passing Fad. Invited Presentation to deliver the 2008 Annual Hochbaum Lecture Department of Health Behavior and Health Education at the University of North Carolina - Chapel Hill School of Public Health, April 2008
33. O’Campo P. Promoting equal chances for children: are social capital interventions or neighborhood improvements part of the solution? Invited presentation to the Center for Social Justice, Louisville, Kentucky Jan 2008
34. O’Campo P. Research Agenda on Urban health Inequalities: How Should Community Participate? Presented at the Institute for Clinical Evaluative Sciences Rounds. Toronto, Ontario, September 2007
35. O’Campo P. Residential Neighbourhoods & LBW: What does the literature tell us? Presented to the Consensus Development Conference, Healthy Mothers-Healthy Babies: How to Prevent Low Birth Weight Calgary, May 2007.
36. O’Campo P. Unraveling the Family Ties to Health: Weaving Together the Health and Family Research Agendas. Presented at the International Sociological Association, Committee on Family Research (Committee 6), Toronto, Ontario, May 2007
37. O’Campo P. Equity and Distributive Justice. Invited Presentation at the 10th International Medical Workforce Conference in Vancouver, January 2007.
38. O’Campo P. Health Neighborhoods: Next Frontier or Passing Fad? Presented at the 5th Annual International Conference on Urban Health held in Amsterdam, Netherlands. October 2006
39. O’Campo P., “Unravelling the Family Ties to Health: Weaving Together the Health & Family Research Agendas” Keynote speaker at the Family Research Consortium Summer

Institute, Toronto, Ontario, June 2006.

40. O'Campo P. Neighbourhoods and Health, Invited speaker at the Perinatal Epidemiology Seminars, University of South Florida, US, February 2005
41. O'Campo P. Multilevel Modeling for Perinatal Research. Secretary's Commission on Infant Mortality (SACIM), November 2004.
42. O'Campo P. "Community Based Interventions". Invited Speaker at The Role of Research in Improving Community Health, Toronto, June 2004.
43. O'Campo P, McDonnell K, Domestic Violence, Substance Use and HIV. Invited presentation at the Partners in Collaboration: Bridging HIV and Hepatitis Prevention for Wyoming, March 2004
44. O'Campo P. Use of Social Position to understand Race and Ethnic Disparities in Health. Hearing on the measurement of Health Disparities in Racial and Ethnic Populations to the Subcommittee on Populations of the National Committee on Vital and Health Statistics, February 2002
45. O'Campo P. Social justice and health. Inaugural session of the series on Social Justice, George Washington University, March 2002.
46. O'Campo P.: "The Impact of Contextual Factors on Maternal and Child Health." Invited Speaker at the MCH Community Leadership Institute, 2000-2002.
47. O'Campo P. "Are we ready for interventions to address social capital?" Invited presentation at the National Academy of Sciences Workshop on Place and Health, Bethesda, Maryland, October 2001.
48. O'Campo P. "Reducing the Black White Gap in US Infant Mortality: What Can We Learn From Other Industrialized Countries." Invited presentation to the Racial and Cultural Disparities in Health Care and Health Outcomes Conference, Baltimore, MD, September 2001.
49. O'Campo P., David R., Muntaner C. "United States Technology, Politics and Disparities." Plenary Session Presented at the 128th Annual Meeting of the American Public Health Association, Boston, MA, November 2000.
50. O'Campo P.: "Social Epidemiology and Contextual Methods for Increasing our Understanding of Women's Well-Being." Invited Speaker at the conference on Health, Law and Human Rights: Exploring the Connections, Philadelphia, October, 2001.
51. Aronson R., O'Campo P: "Neighborhood factors related to low birthweight in a low-income community." Invited presentation, 123rd Annual Meeting of the American Public Health Association, New York, 1996.
52. O'Campo P. "Conceptualizing and Measuring Context in the Evaluation of Maternal and

Child Health Programs.” Invited speaker for the Philadelphia Maternity Care Coalition, November 1995.

53. O'Campo P.: “Multi-level Analysis of Low Birthweight in Baltimore City.” Awards Presentation at the 122nd Annual Meeting of the American Public Health Association, Washington DC, 1994.
54. O'Campo P.: "Cultural Diversity: What Can We Learn from National Datasets?" Invited lecture given at the Plenary Session on Data at the Healthy Mother's Healthy Babies National Conference October 1, 1993.

### *Selected Presentations at Scientific Conferences*

55. Daoud N., O'Campo P., Matheson F., Pedersen C., Minh A., Hamilton-Wright S., Zhang Y: Developing a framework for understanding the pathways and trajectories of housing instability and poor health among women experiencing intimate partner violence, Am Public Health Association, Chicago, Nov 2015
56. Shankardass K., Muntaner C., Ng E., O'Campo P., Julia M., Shriqui V., McIsaac K: Effects of employment pattern on generosity of the safety net for workers on self-rated health across the EU: a multilevel, longitudinal analysis. Am Public Health Association, Chicago, Nov 2015
57. Shankardass K, Freiler A, Bayoumi A, O'Campo P. Conceptualizing the development of Health in All Policies interventions using policy cycle stages to study complex barriers and facilitators. International Conference on Urban Health. November 4, 2011. Belo Horizonte, Brazil.
58. Shankardass K, O'Campo P, Dodds L, Fahey J, Allen V. Explaining inequalities in adverse perinatal outcomes for high and low income families in Nova Scotia. 24th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research. June 21, 2011. Montreal, Canada
59. Shankardass K, Solar O, Murphy K, Freiler A, Bobbili S, Bayoumi A, Dhalla I, Laupacis A, Greaves L, O'Campo P. Getting Started with Health in All Policies: A Realist-Informed Scoping Review. Canadian Public Health Association Annual Conference. June 20, 2011. Montreal, Canada
60. Firestone M, Smylie J, O'Campo P., Respondent Driven Sampling: Successful Recruitment for an Urban Aboriginal Health Assessment. Presented during the 138th APHA Annual Meeting in Denver, CO November 6-10, 2010.
61. Kirst M., Patricia O'Campo P. Abstract – The Effects of Social Capital and Neighborhood Characteristics on Intimate Partner Violence: A Consideration of Social Resources and Risks Presented at the 2010 International Conference on Urban Health in New York. Oct. 2010.

62. Heaman, MI, O'Campo, PJ, Urquia, ML, Janssen, PA, & Thiessen, KR. Correlates of abuse around the time of pregnancy: Results from the Canadian Maternity Experiences Survey. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 23rd Annual Meeting, Seattle 2010.
63. Urquia, ML, O'Campo, PJ., Heaman, MI, Janssen, PA, & Thiessen, KR. Experiences of violence during pregnancy and adverse pregnancy outcomes. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 23rd Annual Meeting, Seattle 2010
64. Janssen, PA, Urquia, ML, Heaman, MI, O'Campo, PJ, & Thiessen, KR. Postpartum depression after exposure to violence during pregnancy: Who is at risk? Society for Pediatric and Perinatal Epidemiologic Research (SPER) 23rd Annual Meeting, Seattle 2010
65. O'Campo, P., Heaman, M., Urquia, M., Janssen, P., & Thiessen, K. Prevalence of abuse and violence before, during, and after pregnancy in a random sample of Canadian women participating in the Maternity Experiences Survey. Society for Pediatric and Perinatal Epidemiologic Research (SPER) 23rd Annual Meeting, Seattle 2010
66. O'Campo P, Tsamis C, Ahmad F, Kirst M: A Realist Synthesis: Screening Interventions for Intimate Partner Violence in Health Care Settings. The Ninth Annual Campbell Colloquium - Oslo, Norway. May 2009
67. O'Campo P., Ahmad F., Tsamis C., Kirst M: A Realist Review: Screening & Identification Interventions for Victims of Intimate Partner Violence in Health Care Settings. At the Annual Meeting of the American Public Health Association, San Diego 2008.
68. Schaefer-McDaniel, N.J., Caughy, M., Nisenbaum, R., Gearey, W., & O'Campo, P. Exploring Constructs Related to Neighbourhood Social Interaction through Systematic Social Observations in Baltimore and Toronto. Presented at the 7th International Conference on Urban Health, Vancouver, Canada. October 2008
69. Burke JG, Gielen AC, McDonnell KA, Mahoney P, O'Campo P. Development Of An Intimate Partner Violence Intervention For Urban HIV Positive Women. Presented at the 7th International Conference on Urban Health, Vancouver, BC, October 2008.
70. Gielen, AC, Illangasekare, SL, Mahoney P, McDonnell KA, Burke JG, O'Campo P, Safety behavior patterns and abuse experience of low income, urban women. Accepted for presentation the 136<sup>th</sup> Annual American Public Health Association Conference, San Diego, CA, October 2008.
71. O'Campo P, Ahmad F, Storbino D, Trim S, Misra D: Partner Abuse & Adverse Outcomes of Pregnancy: A Cohort Study presented at the 2008 annual meeting of the Society for Perinatal and Pediatric Epidemiologic Research. June 2008
72. Burke JG, O'Campo P, Salmon C, Walker R. Pathways connecting neighborhood influences and mental well-being: Socioeconomic position and gender differences. Presented at the International Conference on Urban Health, Baltimore, MD, October 2007.

73. Burke J, Rajaratnam J, O'Campo P. Maternal and Child Health and Neighborhood Context: The Selection and Construction of Area-Level Variables. 4<sup>th</sup> International Conference on Urban Health, October 2005.
74. Yonas M, O'Campo P, Burke. The Neighborhood Identification and Engagement Process: A Mixed Methodological Approach for Exploring Urban Youth Violence. 4<sup>th</sup> International Conference on Urban Health, October 2005.
75. Wallis A, O'Campo P, Aronson R. Neighborhood Mapping as a Participatory Tool for Evaluating Community-Based Urban Health Initiatives. 4<sup>th</sup> International Conference on Urban Health, October 2005.
76. Frye V, O'Campo P, Putnam. Whither Gender in Urban Health? 4<sup>th</sup> International Conference on Urban Health, October 2005.
77. O'Campo P: Evaluating Individual and Census Tract Characteristics on Birth Outcomes – A Multi-level Approach, American Public Health Association, December 2005
78. O'Campo P. Neighborhood Deprivation and Preterm Birth: Multi-level Modeling Results. American Public Health Association, September 2004.
79. Paragallo N, DeForge B, O'Campo P, Lee SM, Kim YJ, Cianelli R, Ferrer L, Yali P. HIV risk reduction intervention among low income Latino women: project SEPA. International AIDS Conference, July 2004.
80. DeForge B, Paragallo N, O'Campo P, Lee SM, Kim YJ, Cianelli R, Ferrer L, Yali P. Effects of an HIV risk reduction intervention on depression and self-esteem among Latino women in the US. International AIDS Conference, July 2004.
81. Vasquez E, Paragallo N, DeForge B, O'Campo P, Lee SM, Kim YJ, Cianelli R, Ferrer L, Yali P. The impact of acculturation on the effects of an HIV risk reduction intervention among Latino women in the US. XV International AIDS Conference, Bangkok, Thailand, July 2004.
82. O'Campo P, Burke JG, McDonnell KA, Gielen A, Yonas M, ShuChih S. Longitudinal Patterns of Intimate partner Violence Among Low-Income Women. American Public Health Association, November 2003.
83. O'Campo P, Burke JG, Horon I. Conceptual and Methodological issues associated with multi-level modeling applied to perinatal health disparities. American Public Health Association, November 2003.
84. Gielen A., McDonnell K., O'Campo P., Burke J. "HIV, Violence, and Mental Health Among Low Income Urban Women." XIV International AIDS Conference, Barcelona, Spain, July 2002.

85. Minkovitz C., O'Campo P., Chen Y., Grason H., Koontz A. "Women's Social Roles, Health Status, and Health Utilization: Analysis of a National Sample." Presented at the 128th Annual Meeting of the American Public Health Association, Boston, MA, November 2000.
86. O'Campo P. "Four Disciplines, Four Community Perspectives." Symposium presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD, March 2000.
87. Caughy M., O'Campo P.: "Neighborhood Indicators of Social Inequality, Social Cohesion and Parenting Stress and Depression." 127th Annual Meeting of the American Public Health Association, Chicago, 1999.
88. O'Campo P.: "Populations at High Risk of Violence and Compromised Reproductive Health: Recommendations for Research, Programs, and Policy." Invited presentation at the National Conference on Violence and Reproductive Health: Science, Prevention, and Action, Atlanta, 1999.
89. O'Campo P.: "Women's Employment, Job Characteristics and Mental Health Status." Presented at the annual meeting of the Society for Epidemiologic Research, Baltimore, 1999.
90. O'Campo P.: "National Evaluation of Healthy Start--Discussant for Panel Presentation." Presented at the 123rd Annual Meeting of the American Public Health Association, New York, 1996.
91. Rao R., O'Campo P., Royalty W., Caughy M., Gielen A., Aronson R.: "Neighborhood Risk Factors for Injury in Children." 123rd Annual Meeting of the American Public Health Association, New York, 1996.
92. Strobino D., Orme T., Lawrence J., O'Campo P., Nanda J.: "The Effect of Enhanced Prenatal Program on Women's Perceptions of the Barriers to Obtaining Prenatal Care." National Perinatal Association Meeting, Washington DC, November, 1995.
93. Caughy M., Schollenberger J. O'Campo P., Boroff M.: "Changes in Client Satisfaction as a Result of Implementation of Medical Reforms in Baltimore City." Presented at the 122nd Annual Meeting of the American Public Health Association, San Diego, 1995.
94. O'Campo P., Ju X.: "Monitoring Methods for use in Surveillance and Monitoring of Perinatal Outcomes." Annual meeting American Statistical Association, Orlando, Florida, August 1995.
95. Gielen A., O'Campo P., Faden R., Eke A.: "Women with HIV: Disclosure Concerns and Experiences." Conference on HIV Infection in Women: Setting a New Agenda, Washington DC, February 1995.
96. O'Campo P.: "Groundbreaking Methodology in MCH Research: An Overview of Multi-level Analyses." Presented at the 122nd Annual Meeting of the American Public Health

Association, Washington DC, 1994.

97. Aronson R., O'Campo P., Dorsey-bey A, Simms Y., Sparrow C.: "Use of Neighborhood Mapping in Community Evaluation." Presented at the 122nd Annual Meeting of the American Public Health Association, Washington DC, 1994.
98. Caughy MO, O'Campo P., Schollenberger J: "A Quick and Efficient Way to Measure Patient Satisfaction." Presented at the 122nd Annual Meeting of the American Public Health Association, Washington DC, 1994.
99. O'Campo P., Caughy MO., Aronson B.: "Local Evaluation of Baltimore City's Healthy Start Program." Presented at the 122nd Annual Meeting of the American Public Health Association, Washington DC, 1994.
100. Gielen, A., O'Campo, P., Faden, R., Kass, N., Xiaonan X.: "Violence Against Women During The Childbearing Year." Presented at the Women's Health Conference, Washington DC, May 12-14, 1994.
101. Faden R., Gielen A.C., Kass N., O'Campo P., Kass N., Fogarty L.: "HIV Positive Women's Decisions About Childbearing: A Qualitative Analysis." Presented at the 121st Annual Meeting of the American Public Health Association, San Francisco, 1993.
102. Gielen A.C., Hutton N., O'Campo P., Anderson J., Fogarty L., Chaisson R., Faden R.: "Contraceptive Practices Among HIV Positive Women of Childbearing Age." Presented at the 121st Annual Meeting of the American Public Health Association, San Francisco, 1993.
103. O'Campo P., Caughy M., Aronson R: "Reinventing Government to Improve Maternal and Child Health Programs." 121st Annual Meeting of the American Public Health Association, San Francisco, 1993.
104. Gielen A., O'Campo P., Faden R., Kass N., Xue N.: "Interpersonal Conflict and Violence During the Childbearing Year." Presented at the Society for Pediatric Epidemiology, Colorado, June 1993.
105. O'Campo P.: "Reducing Infant Mortality in Baltimore City." Presented at the 120th Annual Meeting of the American Public Health Association, Washington DC, 1992.
106. O'Campo P., DeBoer M., Faden R., Gielen A., Kass N.: "Accuracy of Reporting of HIV Antibody Testing History." Presented at the 8th International Conference on AIDS, Amsterdam, July 1992.
107. DeBoer M., O'Campo P., Faden R., Gielen A., Kass N.: "Differences in Sexual and Contraceptive Practices Among Women with Single and Multiple Sexual Partners." Presented at the 8th International Conference on AIDS, Amsterdam, The Netherlands, July 1992.

108. O'Campo P., Faden R., Gielen A., Wang M.: "Psychosocial and Demographic Factors Affecting Breastfeeding Duration Among an Urban Sample of New Mothers." Presented at the 119th Annual Meeting of the American Public Health Association, Atlanta, 1991.
109. O'Campo P., DeBoer M., Faden R.: "Highly Sensitive Information: Comparison of Medical Records, Self-report and Lab Results." 119th Annual Meeting of the American Public Health Association, Atlanta, 1991.
110. O'Campo P., Gielen A., Faden R., Windsor R.: "Design and Results from a Prenatal and Postpartum Smoking Intervention Trial for Pregnant Women." Presented at the 118th Annual Meeting of the American Public Health Association, New York, 1990.
111. O'Campo P., Faden R., Gielen A., Kass N., Geller G., and the Project S.T.A.R.R. Research Team: "Pregnant Women's Attitudes About HIV Testing." Presented at the Sixth International AIDS Conference, San Francisco, June 1990.
112. O'Campo P. and Gittelsohn A.: "Association Between Maternal Smoking During Pregnancy and Birth Prevalence of Neural Tube Defects and Oral Clefts." Presented at the 117th Annual Meeting of the American Public Health Association, Chicago, 1989.
113. Faden R., Brown H., Gielen A., Cohen D., O'Campo P.: "The Theory of Reasoned Action applied to the Prediction of Infant Feeding Behavior." Presented at the 117th Annual Meeting of the American Public Health Association, Chicago, 1989.
114. Faden R., Gielen A., Brown H., O'Campo P.: "Smoking Cessation and Relapse During the Childbearing Year." 115th Annual Meeting of the American Public Health Association, New Orleans, 1987.



Ornston, Darius

# Curriculum Vitae

## Dr. Darius Ornston

### Assistant Professor

**A. Date Curriculum Vitae is Prepared: [2016 June 23]**

## **B. Biographical Information**

Primary Office	Munk School of Global Affairs 1 Devonshire Place Toronto, ON, Canada M4P 2S8
Telephone	+1 (416) 978-4294
Cell phone	+1 (647) 308 9423
Fax	+1 (416) 946-8915
Email	<a href="mailto:darius.ornston@utoronto.ca">darius.ornston@utoronto.ca</a>

## **1. EDUCATION**

### **Degrees**

2003-2009	PhD, Political Science, Department of Political Science, University of California at Berkeley, Berkeley, CA, USA. Supervisors: Jonah Levy and John Zysman
2002-2003	MA, Political Science, Department of Political Science, University of California at Berkeley, Berkeley, CA, USA.
1996-2000	BA, Political Science, Swarthmore College, Swarthmore, PA, USA

## **2. EMPLOYMENT**

### **Current Appointments**

2014-Present	Assistant Professor, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada
2015-Present	Assistant Professor (courtesy appointment), Department of Political Science, University of Toronto, Toronto, ON, Canada

### **Previous Appointments**

2010-2014	Assistant Professor, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA
2009-2010	Visiting Assistant Professor, Sam Nunn School of International Affairs, Georgia Institute of Technology, Atlanta, GA, USA

### 3. HONOURS AND CAREER AWARDS

#### Teaching Awards

LOCAL

2005 **Outstanding Graduate Student Instructor.** University of California at Berkeley, Berkeley, CA, USA

#### Student/Trainee Awards

LOCAL

2004 **Peter H. Odegard Award**, University of California at Berkeley, Berkeley, CA, USA.  
*Awarded to the top two or three students from each MA cohort.*

2004 **Distinction**, University of California at Berkeley, Berkeley, CA, USA  
*Awarded based on performance on Comparative Politics qualifying exam*

2004 **Distinction**, University of California at Berkeley, Berkeley, CA, USA  
*Awarded based on performance on West European Politics qualifying exam*

2000 **High honors**, Swarthmore College, Swarthmore, PA, USA  
*Awarded on the basis of comprehensive exams at the end of the BA program*

#### Administrative Activities

LOCAL

2015-Present **Editor**, Innovation Policy Lab White Paper Series, Munk School of Global Affairs, University of Toronto  
*Responsible for managing the IPL's working paper series*

2015 **Member**, Workload Policy Committee, Munk School of Global Affairs, University of Toronto  
*Spent two hours reviewing and revising workload policy*

2011-2014 **Member**, Curriculum Committee, School of Public and International Affairs, University of Georgia  
*Voted on requests to add or change courses*

2010-2014 **Director**, Department of International Affairs Colloquium Series, Department of International Affairs, University of Georgia  
*Invited speakers to present to the Department of International Affairs*

2003-2005 **Delegate**, Graduate Assembly, University of California at Berkeley  
*Represented the Department of Political Science in the graduate assembly*

2003-2005 **Member**, Graduate Assembly Academic Affairs Committee, University of California at Berkeley  
*In addition to working on academic affairs, co-established the UC Berkeley Faculty Mentorship Award and sat on the selection committee in the inaugural year of the award*

2003-2005 **Regents Professorship and Lectureship Selection Committee**,

University of California at Berkeley  
*Invited distinguished guests to speak at UC Berkeley*

## Peer Review Activities

### MANUSCRIPT REVIEWS

2016	<i>Socio-economic Review</i> . Number of Reviews: 1
2015-2016	<i>International Studies Quarterly</i> . Number of Reviews: 2
2015-2016	<i>International Journal of Foresight and Innovation Policy</i> . Number of Reviews: 2
2015-2016	<i>Policy Studies</i> . Number of Reviews: 2
2015-2016	<i>Review of Policy Research</i> . Number of Reviews: 3
2012-2016	<i>Comparative Political Studies</i> . Number of Reviews: 2
2014	<i>West European Politics</i> . Number of Reviews: 1
2014	Oxford University Press. Number of Reviews: 1
2014	Taylor & Francis. Number of Reviews: 1
2012	<i>Economic and Social Review</i> . Number of Reviews: 1
2011	<i>Governance</i> . Number of Reviews: 1
2010	University of Toronto Press. Number of Reviews: 1

## C. Academic History

### 1. RESEARCH STATEMENTS

### 2. RESEARCH AWARDS

#### Grants, Contracts and Clinical Trials

#### PEER-REVIEWED GRANTS

##### Funded

2015-2018	<b>Collaborator.</b> “Creating Digital Opportunity. Social Sciences and Humanities Research Council. Principal Investigator: Ornston, Darius. \$40,000 CAD. <i>To compare Waterloo and Finland as part of David Wolfe’s SSHRC-funded CDO project.</i>
2015-2017	<b>PI.</b> Connaught New Researcher. Connaught Foundation. Principal Investigator: Ornston, Darius. \$10,000 CAD. <i>To conduct research in Nordic Europe for book manuscript, “Good Governance Gone Bad.”</i>
2012	<b>PI.</b> “Summer Research Grant.” Department of International Affairs, University of Georgia. Principle Investigator: Ornston, Darius. Amount: \$5,000 USD. <i>To conduct fieldwork in Dublin, Ireland for book manuscript, “Good Governance Gone Bad.”</i>
2011-2012	<b>PI.</b> Junior Faculty Research Grant. University of Georgia. Principal Investigator: Ornston, Darius. \$8,100 USD. <i>To conduct fieldwork in Helsinki, Stockholm and Reykjavik for book manuscript, “Good Governance Gone Bad.”</i>

- 2007-2008 **PI.** Chancellor's Dissertation Fellowship. University of California. Principal Investigator: Ornston, Darius. \$17,000 USD. *Funding to complete dissertation.*
- 2007-2008 **PI.** John L. Simpson Memorial Fellowship. Institute for International Studies, University of California at Berkeley. Principal Investigator: Ornston, Darius. \$8,000 USD. *Funding to complete dissertation, declined full award to accept Chancellor's Dissertation Fellowship.*
- 2006 **PI.** ASF Research Grant. American-Scandinavian Foundation. Principal Investigator: Ornston, Darius. Collaborators: \$3,700 USD. *To conduct dissertation research at the Center for Working Life, Stockholm, Sweden.*
- 2006 **PI.** Phi Beta Kappa Dissertation Grant. Phi Beta Kappa. Principal Investigator: Ornston, Darius. \$5,000 USD. *Funding to support dissertation.*
- 2005-2006 **PI.** GMF Research Fellowship. German Marshall Fund of the United States. Principal Investigator: Ornston, Darius. \$20,000 USD. *To conduct dissertation research in Denmark, Finland and Ireland*
- 2005 **PI.** Fernström Grant. Department of Scandinavian, University of California at Berkeley. Principal Investigator: Ornston, Darius. \$4,000 USD. *To conduct dissertation research in in Denmark and Finland.*
- 2003 **PI.** Foreign Language Area Studies Grant. Foreign Language Area Studies Program, United States Department of State. Principal Investigator: Ornston, Darius. *Small (~\$5,000) grant to study Finnish at the University of Helsinki.*
- 2000-2001 **PI.** Fulbright Fellowship. Institute of International Education, Washington DC. *Funded one year of post-graduate study and research at the University of Helsinki in Helsinki, Finland*

Declined

- 2005-2006 **PI.** ASF Research Fellowship. American-Scandinavian Foundation. Principal Investigator: Ornston, Darius. \$17,000 USD. *Declined to accept GMF fellowship*

NON-PEER-REVIEWED GRANTS

Funded

- 2006 **PI.** Research Grant. Swedish Association for Scandinavian Studies. Principal Investigator: Ornston, Darius. \$1,000 USD. *To conduct dissertation research in Stockholm, Sweden.*
- 2006 **PI.** Transatlantic Fellow. German Marshall Fund of the United States. Principal Investigator: Ornston, Darius. *Small grant (~\$2,000) to support a one month stay at GMFUS' Brussels office.*
- 2002-2004 **PI.** Entering student fellowship. Institute of European Studies, University of California at Berkeley. Principal Investigator: Ornston, Darius. \$30,000 USD. *Two year fellowship to support graduate studies.*
- 2003 **PI.** Language Study Grant. Finnish Center for International Mobility. Principal Investigator: Ornston, Darius. *Small (~\$2,500 USD) grant to study Finnish at the University of Jyväskylä.*

### 3. PATENTS

## D. Publications

### 1. MOST SIGNIFICANT PUBLICATIONS

1. **PI. Darius Ornston.** *When Small States Make Big Leaps: Institutional Innovation and Economic Restructuring in Western Europe.* Ithaca: Cornell University Press (2012)

### 2. PEER-REVIEWED PUBLICATIONS

#### Journal Articles

2. **CO-PI. Darius Ornston** and Mark Vail. "The Developmental State in Developed Societies: Power, Partnership and Divergent Patterns of State Intervention in France and Finland" *Comparative Politics*. Forthcoming. Impact Factor: 0.77
3. **CO-PI. Darius Ornston** and Tobias Schulze-Cleven. "Concertation and Coordination: Two Logics of Collective Action." *Comparative Political Studies* 48:5 (2015), 55-585. Impact Factor: 2.214
4. **PI. Darius Ornston.** "Introduction." *Review of Policy Research* 31:5 (2014), 363-366. Impact Factor: 1.167
5. **PI. Darius Ornston.** "When the High Road Becomes the Low Road: The Limits of High Tech Competition in Finland." *Review of Policy Research* 31:5 (2014), 454-477. Impact Factor: 1.167
6. **CO-PI. Dan Breznitz and Darius Ornston.** "The Revolutionary Power of Peripheral Agencies: Explaining Radical Policy Innovation in Finland and Israel." *Comparative Political Studies* 46:10 (2013), 1219-1245. Impact Factor: 2.214
7. **PI. Darius Ornston.** "Creative Corporatism: The Politics of High-Technology Competition in Nordic Europe." *Comparative Political Studies* 46:6 (2013), 702-729. Impact Factor: 2.214
8. **PI. Darius Ornston.** "How Old Ideas Shape New Investments: Divergent Pathways to a Knowledge Economy in Denmark and Finland." *Governance* 25:4 (2012), 687-710. Impact Factor: 2.237
9. **PI. Darius Ornston.** "Reorganizing Adjustment: Finland's Emergence as a High-Technology Leader." *West European Politics* 29:4 (2006), 784-801. Impact Factor: 1.1464

#### Books

See publication 1, above

#### Books Edited

10. **Editor.** "The Politics of Cooperation in Science, Technology and Innovation" *Review of Policy Research* 31:5 (2014), 363-477 (Special Issue). Impact Factor: 1.167

#### Book Chapters

11. **PI. Darius Ornston.** "How the Nordic Nations Stay Rich: The Fragmentation of Production and the Shift to Services in Denmark, Finland and Sweden" in Dan Breznitz and John

Zysman (eds.) *The Third Globalization: Can Wealthy Nations Stay Wealthy in the Twenty-First Century?* Oxford: Oxford University Press (2013), 300-322

12. **CO-PI. Darius Ornston** and Olli Rehn. "An Old Consensus in the 'New' Economy? Institutional Adaptation, Technological Innovation and Economic Restructuring in Finland" in John Zysman and Abraham Newman (eds.) *How Revolutionary Was the Digital Revolution?* Stanford: Stanford Business Books (2006), 78-100

### 3. NON-PEER-REVIEWED PUBLICATIONS

#### Journal Articles

13. **PI. Darius Ornston.** "Introduction." *Review of Policy Research* 31:5 (2014), 363-366. Impact Factor: 1.167

#### Book Chapters

14. **CO-PI. Dan Breznitz and Darius Ornston.** "Scaling Up and Sustaining Experimental Innovation Policies with Limited Resources: Peripheral Schumpeterian Developmental Agencies" in Mark Dutz, Yevgeny Kuznetsov, Esperanza Lasagabaster and Dirk Pilat (Eds.) *Making Innovation Policy Work: Learning From Experimentation.* Washington DC: OECD/World Bank (2014), 247-284

### 4. SUBMITTED PUBLICATIONS

[Same as Peer-Reviewed Publications]

#### Journal Articles

15. **CO-PI. Dan Breznitz and Darius Ornston.** "The Politics of Partial Success: Fostering Innovation in Innovation Policy in an Era of Heightened Public Scrutiny." *Socio-Economic Review.* Publication Status: Conditional Acceptance. Impact Factor: 1.926

## E. Presentations and Special Lectures

### 1. International

#### Abstracts and Other Papers

- |                   |  |
|-------------------|--|
| April 14-16, 2016 | <b>CO-PI.</b> "Peripheral Agencies and the Politics of Radical Institutional Change." Conference of Europeanists, Philadelphia, PA, USA. Presenter: Darius Ornston (paper co-authored with Dan Breznitz).          |
| July 8-10, 2015   | <b>CO-PI.</b> "The Developmental State in Developed Societies: The Evolution of Economic Policy-Making in France and Finland." Conference of Europeanists, Paris, France. Presenters: Darius Ornston and Mark Vail |
| July 2-4, 2015    | <b>PI.</b> "Peripheral Development: A Nordic Perspective." Society for the Advancement of Socio-Economics, London, UK. Presenter: Darius Ornston.  |
| July 2-4, 2015    | <b>PI.</b> "Small States and Cities: Using Interpersonal Networks to Accelerate Economic Restructuring." Society for the Advancement of Socio-Economics, London, UK. Presenter: Darius Ornston.                    |
| March 5-7, 2015   | <b>PI.</b> "Good Governance Gone Bad: Why Successful Societies Fail."  |

- Conference of the European Union Studies Association. Boston, MA, USA. Presenter: Darius Ornston
- August 28-31, 2014. **PI.** “The Political Economy of the European Periphery: A Nordic Perspective.” The Annual Meeting of the American Political Science Association, Washington DC, USA. Presenter: Darius Ornston
- March 1-2, 2012 **CO-PI.** “The Revolutionary Power of Peripheral Agencies: Schumpeterian Developmental Agencies in Finland and Israel.” The Governance of Innovation and Socio-Technical Systems conference at the Jean Monnet European Center of Excellence, Copenhagen Business School, Copenhagen. Presenter: Darius Ornston (paper co-authored with Dan Breznitz)
- March 16-19, 2011 **CO-PI.** “Scaling and Sustaining Innovation Policies: Lessons from Schumpeterian Developmental Agencies in Small Open Economies.” Annual Convention of the International Studies Association, Montreal, QC, Canada. Presenters: Dan Breznitz and Darius Ornston
- March 16-19, 2011 **PI.** “Small States and Big Bubbles: Asymmetric Adjustment in Nordic Europe” Annual Convention of the International Studies Association, Montreal, QC, Canada. Presenter: Darius Ornston.
- April 15-17, 2010 **PI.** “Constructing a Knowledge Society: How Old Ideas Shaped New Investments in Denmark and Finland.” Conference of Europeanists, Montreal, QC, Canada. Presenter: Darius Ornston.
- April 15-17, 2010 **PI.** “How the Nordic Nations Stay Rich: The Fragmentation of Production and the Shift to Services in Denmark, Finland and Sweden.” Conference of Europeanists, Montreal, QC, Canada. Presenter: Darius Ornston.
- September 3-6, 2009 **PI.** “When Small States Make Big Leaps to New Industries: Creative Corporatism and High-Technology Competition in Nordic Europe.” Annual Meeting of the American Political Science Association, Toronto, ON, Canada. Presenter: Darius Ornston.
- July 21-23, 2008 **PI.** “Varieties of Cooperation: How Conceptualization Shapes Conclusions in Comparative Capitalism.” Annual Meeting of the Society for the Advancement of Socio-Economics, San Jose, Costa Rica. Presenter: Darius Ornston

### **Invited Lectures and Presentations**

- June 10, 2016 **PI.** “Good Governance Gone Bad: the Politics of Asymmetric Adjustment in Finland.” The Research Institute of the Finnish Economy (ETLA). Helsinki, Finland. Presenter: Darius Ornston.
- May 12, 2016 **PI.** “When Small States Make Big Leaps: The Politics of Cooperation and High Tech Growth in Finland.” The National Bank of Poland. Warsaw, Poland. Presenter: Darius Ornston.
- March 24, 2006 **PI.** “Renegotiating Adjustment: Reflections on Divergent Adjustment Trajectories in Denmark and Finland.” Department of Business and Economics, University of Aalborg, Aalborg, Denmark. Presenter: Darius Ornston
- October 7, 2005. **PI.** “Renegotiating Adjustment: The Politics of High Tech Growth.” The Research Institute on the Finnish Economy (ETLA), Helsinki, Finland. Presenter: Darius Ornston



## 2. National

### Abstracts and Other Papers

- April 25-27, 2016 **PI.** "Small States and Cities: Using Interpersonal Networks to Accelerate Economic Restructuring." Creating Digital Opportunity Conference, Saskatoon, SK, Canada. Presenter: Darius Ornston.
- September 26-28, 2013 **PI.** "When the High Road Becomes the Low Road: The Limits of High Tech Competition in Finland." The Atlanta Conference on Science and Innovation Policy, Atlanta, GA, USA. Presenter: Darius Ornston
- August 29-Sept 1, 2013 **CO-PI.** "The Developmental State in Developed Societies: The Evolution of Economic Policy-Making in France and Finland." The Annual Meeting of the American Political Science Association, Chicago, IL, USA. Presenters: Darius Ornston and Mark Vail.
- March 22-24, 2012 **CO-PI.** "More Money, More Problems: The Politics of Economic Adjustment in Small States." Conference of Europeanists, Boston, MA, USA. Presenters: Dan Breznitz and Darius Ornston.
- September 1-4, 2011 **CO-PI.** "Small States and Big Bubbles: A Theory of Asymmetric Adjustment" Annual Meeting of the American Political Science Association, Seattle, WA, USA. Presenters: Dan Breznitz and Darius Ornston.
- September 2-4, 2010 **PI.** "Recasting Corporatism: Contingent Responses to Economic Crisis in Western Europe." Annual Meeting of the American Political Science Association, Washington DC, USA. Presenter: Darius Ornston.
- September 2-5, 2004 **PI.** "The Politics of Perpetual Renegotiation: State Intervention and Social Concertation in Ireland." Annual Meeting of the American Political Science Association, Chicago, IL, USA. Presenter: Darius Ornston.
- March 11-13, 2004 **PI.** "Tripartite Concertation and Economic Transfiguration: Irish Social Partnership, 1987-2002." Conference of Europeanists, Chicago, IL, USA. Presenter: Darius Ornston.

### Invited Lectures and Presentations

- May 6, 2013 **PI.** "When Small States Make Big Leaps." Josef Korbel School of International Affairs, University of Denver, Denver, CO, USA. Presenter: Darius Ornston
- May 2, 2007 **PI.** "Nordic Technology Policy: Political Origins and Economic Constraints." Conference on National Competitiveness, Georgetown University, Washington DC, USA. Presenter: Darius Ornston

## 3. Provincial/ Regional

### Abstracts and Other Papers

- March 25-27, 2005 **PI.** "Recombining to Restructure: How Finland Adapted Old Institutions to Compete in the New Economy." Annual Meeting of the Western Political Science Association, Oakland, CA, USA. Presenter: Darius Ornston

### Invited Lectures and Presentations

April 18-19, 2014 **Discussant.** "Regulatory Power Europe? Assessing the EU's Efforts to Shape Global Rules." Jean Monnet Chair Workshop, Georgia Institute of Technology, Atlanta, GA, USA. Presenter: Darius Ornston

#### 4. Local

##### Invited Lectures and Presentations

February 10, 2015 **CO-PI.** "The Politics of Partial Success: Designing Schumpeterian Developmental Agencies in an Age of Innovation." The Innovation Policy Lab, Munk School of Global Affairs, University of Toronto. Toronto, ON, Canada. Presenter: Darius Ornston (paper co-authored with Dan Breznitz).

May 4, 2011 **PI.** "Small States and Big Bubbles: Asymmetric Adjustment in Nordic Europe." GLOBIS, University of Georgia, Athens, GA, USA. Presenter: Darius Ornston

October 1, 2010 **PI.** "Divergent Pathways to a Knowledge Society: How Old Ideas Shaped New Investments in Denmark and Finland." Department of International Affairs Colloquium Series, University of Georgia, Athens, GA, USA. Presenter: Darius Ornston

May 15, 2010 **Discussant.** "International Political Economy & Management Studies: Approaching Regional Economic Integration." Georgia Institute of Technology Doctoral Consortium, Center for International Business Education and Research, Georgia Institute of Technology, Atlanta, GA, USA. Presenter: Darius Ornston.

October 17-18, 2009 **PI.** "Creative Corporatism and Knowledge-Intensive Services in Nordic Europe." National Responses in a Transforming Global Economy Conference, Berkeley Roundtable on the International Economy, University of California at Berkeley, Berkeley, CA, USA. Presenter: Darius Ornston

October 15, 2009 **PI.** "When Small States Make Big Leaps to New Industries: Creative Corporatism and High-Technology Competition in Nordic Europe." The Sam Nunn Research Colloquium, Sam Nunn School of International Affairs, Georgia Institute of Technology, Atlanta, GA, USA. Presenter: Darius Ornston

October 22, 2004 **PI.** "The Politics of Recombination and Restructuring: How Finland Adapted Old Institutions to Compete in the New Economy." The Digital Era Conference, Berkeley Roundtable on the International Economy, University of California at Berkeley, Berkeley, CA, USA. Presenter: Darius Ornston

##### Media Appearances

December 10, 2011 **Interviewee.** "The Euro Crisis." True South, WGAU 1340. Athens, GA, USA

## F. Teaching and Design

### 1. Undergraduate Education

January-April 2014	<p>Politics of the EU, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>Upper division undergraduate course</i></p> <p>Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction</p> <p>Total Number of Students: 37</p> <p>Teaching Evaluation Score: 4.8/5.0</p>
May 2013	<p>Introduction to Comparative Politics, Department of International Affairs, School of Public and International Affairs, University of Georgia, Paris, France. <i>Study abroad in Paris, France</i></p> <p>Total Hours for Entire Activity: 3 hours/day x 12 days instruction</p> <p>Total Number of Students: 11</p> <p>Teaching Evaluation Score: 5.0/5.0</p>
January-April 2013	<p>Government and Business, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>Upper division undergraduate course</i></p> <p>Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction</p> <p>Total Number of Students: 46</p> <p>Teaching Evaluation Score: 4.6/5.0</p>
August-December 2012	<p>Politics of the EU, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>Upper division undergraduate course</i></p> <p>Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction</p> <p>Total Number of Students: 40</p> <p>Teaching Evaluation Score: 4.7/5.0</p>
August-December 2012	<p>Comparative Political Economy, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>Upper division undergraduate course</i></p> <p>Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction</p> <p>Total Number of Students: 41</p> <p>Teaching Evaluation Score: 4.7/5.0</p>
May 2012	<p>Introduction to Comparative Politics, Department of International Affairs, School of Public and International Affairs, University of Georgia, Paris, France. <i>Study abroad in Paris, France</i></p> <p>Total Hours for Entire Activity: 3 hours/day x 12 days instruction</p> <p>Total Number of Students: 16</p> <p>Teaching Evaluation Score: 4.8/5.0</p>
January-April 2012	<p>Politics of International Trade and Finance, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>Upper division undergraduate course</i></p> <p>Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction</p> <p>Total Number of Students: 34</p> <p>Teaching Evaluation Score: 4.7/5.0</p>
August-December 2011	<p>Politics of the EU, Department of International Affairs, School of</p>

Public and International Affairs, University of Georgia, Athens, GA, USA. *Upper division undergraduate course*

Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction

Total Number of Students: 41

Teaching Evaluation Score: 4.5/5.0

May 2011

Introduction to Comparative Politics, Department of International Affairs, School of Public and International Affairs, University of Georgia, Verona, Italy. *Study abroad course in Verona, Italy*

Total Hours for Entire Activity: 3 hours/day x 12 days instruction

Total Number of Students: 7

Teaching Evaluation Score: 4.6/5.0

January-April 2011

Government and Business, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. *Upper division undergraduate course*

Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction

Total Number of Students: 40

Teaching Evaluation Score: 4.6/5.0

August-December 2010

Comparative Political Economy, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. *Upper division undergraduate course*

Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction

Total Number of Students: 42

Teaching Evaluation Score: 4.3/5.0

January-April 2010

International Political Economy, Sam Nunn School of International Affairs, Georgia Institute of Technology, Atlanta, GA, USA. *Undergraduate course*

Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction

Total Number of Students: 49

Teaching Evaluation Score: 4.4/5.0

August-December 2009

International Political Economy, Sam Nunn School of International Affairs, Georgia Institute of Technology, Atlanta, GA, USA. *Undergraduate course*

Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction

Total Number of Students: 70

Teaching Evaluation Score: 4.5/5.0

## 2. Graduate Education

January-April 2016

Innovation and the City, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada. *Second year MA course*

Total Hours for Entire Activity: 2 hours/week x 12 weeks instruction

Total Number of Students: 12

Teaching Evaluation Score: 4.4/5.0

September-December 2015 Global Innovation, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada. *First year MA course*  
Total Hours for Entire Activity: 2 hours/week x 12 weeks instruction  
  
Total Number of Students: 37  
Teaching Evaluation Score: 3.2/5.0

September-December 2015 Social Cohesion and Economic Competitiveness, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada. *Second year MA course*  
Total Hours for Entire Activity: 2 hours/week x 12 weeks instruction  
  
Total Number of Students: 9  
Teaching Evaluation Score: 5.0/5.0

January-April 2015 Innovation and the City, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada. *Second year MA course*  
Total Hours for Entire Activity: 2 hours/week x 12 weeks instruction  
  
Total Number of Students: 11  
Teaching Evaluation Score: 4.8/5.0

January-April 2015 Global Innovation, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada. *First year MA course*  
Total Hours for Entire Activity: 2 hours/week x 12 weeks instruction  
  
Total Number of Students: 41  
Teaching Evaluation Score: 3.5/5.0

September-December 2014 Social Cohesion and Economic Competitiveness, Munk School of Global Affairs, University of Toronto, Toronto, ON, Canada. *Second year MA course*  
Total Hours for Entire Activity: 2 hours/week x 12 weeks instruction  
  
Total Number of Students: 9  
Teaching Evaluation Score: 4.4/5.0

January-April 2014 Politics of the EU, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. *MA/PhD seminar*  
Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction  
  
Total Number of Students: 15  
Teaching Evaluation Score: 3.8/5.0

January-April 2013 Government and Business, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. *MA/PhD seminar*  
Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction  
  
Total Number of Students: 5  
Teaching Evaluation Score: 4.8/5.0

January-April 2012 Comparative Political Institutions, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. *MA/PhD seminar*

	Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction
	Total Number of Students: 8
	Teaching Evaluation Score: 4.7/5.0
August-December 2011	Politics of the EU, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>MA/PhD seminar</i>
	Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction
	Total Number of Students: 8
	Teaching Evaluation Score: 5.0/5.0
January-April 2011	Government and Business, Department of International Affairs, School of Public and International Affairs, University of Georgia, Athens, GA, USA. <i>MA/PhD seminar</i>
	Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction
	Total Number of Students: 11
	Teaching Evaluation Score: 4.6/5.0
August-December 2009	International Political Economy, Sam Nunn School of International Affairs, Georgia Institute of Technology, Atlanta, GA, USA. <i>MA seminar</i>
	Total Hours for Entire Activity: 3 hours/week x 15 weeks instruction
	Total Number of Students: 16
	Teaching Evaluation Score: 4.1/5.0

## G. Research Supervision

### 1. Multi-Level Education

### 2. Undergraduate Education

January-May 2012	<b>Supervisor.</b> Yuliya Bila. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>Fieldwork in Valencia, Spain.</i> Completed: 2012
September 2011-May 2012	<b>Supervisor.</b> Connor Blackwell. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>Rolling the Dice with Unprotected Sex</i> (CURO project). Completed: 2012

### 3. Graduate Education

January 2016-Present	<b>Supervisor.</b> Wenjie Wu. Student's Current Position: MA Student, Student's Current Institution: Munk School of Global Affairs. <i>Independent Study: Pension Policy in China and Hungary.</i>
January 2015-May 2016	<b>Committee member.</b> Holley Reeves. Student's Current Position: MA Student, Student's Current Institution: Munk School of Global Affairs. <i>Independent Study: Pension Policy in China and Hungary.</i>
August-December 2015	<b>Supervisor.</b> Christopher Villegas-Cho. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>Independent</i>

August-December 2015	<i>Study: Canadian Pharmaceutical Innovation. Completed: 2015</i> <b>Supervisor.</b> Elena Goracinova. Student's Current Position: PhD Student, Student's Current Institution: Department of Political Science, University of Toronto. <i>Independent Study: Comparative Political Economy. Completed: 2015</i>
Sept 2012-November 2015	<b>Committee member.</b> Keith Gehring. Student's Current Position: Lecturer, Student's Current Institution: University of Denver. <i>PhD Dissertation: The Role of Institutions and Policy in Knowledge Sector Development. Completed: 2015</i>
January 2013-July 2015	<b>Committee member.</b> Melanie Kolbe. Student's Current Position: Assistant Professor, Student's Current Institution: Graduate Institute of International and Development Studies. <i>PhD Dissertation: Why Liberal States Restricted Wanted Immigration. Completed: 2015</i>
December 2012-June 2014	<b>Committee member.</b> Weiqi Zhang. Student's Current Position: Assistant Professor, Student's Current Institution: Suffolk University. <i>PhD Dissertation: How the Communist Party of China Successfully Adapts to Capitalism. Completed: 2014</i>
January-May 2013	<b>Committee chair.</b> Patrick Howell. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>MA Thesis: Economic Crises and the Initiation of Militarized Disputes. Completed: 2013</i>
January-May 2013	<b>Committee chair.</b> Marcin Wiezel. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>MA Thesis: Going High Tech in Central and Eastern Europe. Completed: 2013</i>
January-May 2013	<b>Committee chair.</b> Justin Moen. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>MA Thesis: Timing it Right by Riding the Tide. Completed: 2013</i>
January-May 2013	<b>Committee member.</b> Bailey Sanders. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>MA Thesis: Overseas Voting: Participation Beyond Borders. Completed: 2013</i>
August-December 2012	<b>Committee chair.</b> Elizabeth Allen. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>MA Thesis: The Resilience of Morocco's Monarchy. Completed: 2012</i>
August-December 2012	<b>Supervisor.</b> Patrick Howell. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>Independent study: International Political Economy. Completed: 2012</i>
August 2010-December 2012	<b>Committee member.</b> Judith Norton. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>PhD Dissertation: Is China Corporatist? Completed: 2012</i>
May-August 2012	<b>Supervisor.</b> Florian Justwan. Student's Current Position: Graduated, Student's Current Institution: University of Idaho. <i>Independent study: Comparative Political Institutions. Completed: 2012</i>
November 2010-July 2012	<b>Committee member.</b> Holger Meyer. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>PhD Dissertation: Political Institutions, Multinational Corporations and the Quest for Sustainable Capitalism. Completed: 2012</i>
January-May 2012	<b>Committee chair.</b> Allison Tyler. Student's Current Position: Graduated, Student's Current Institution: Unknown. <i>MA Thesis: Radical Right Parties in Denmark and Swede. Completed: 2012</i>
May-August 2011	<b>Supervisor.</b> Melanie Kolbe. Student's Current Position: Graduated, Student's Current Institution: Graduate Institute of International and Development Studies. <i>Independent study: Comparative Political</i>

*Economy.* Completed: 2011

**4. Undergraduate MD**

**5. Postgraduate MD**

**6. Continuing Education**

**7. Faculty Development**

**8. Patient and Public Education**



Serafinelli, Michel

# MICHEL SERAFINELLI

[michel.serafinelli@utoronto.ca](mailto:michel.serafinelli@utoronto.ca)

<https://sites.google.com/site/michelserafinelli/>

## Assistant Professor in Economics at the University of Toronto

PhD: UC Berkeley 2008 - 2013

### ADDRESS:

Department of Economics

University of Toronto

St George Office: Max Gluskin House, 150 St. George Street, 270. 416-978-5143. Fax: 416-978-6713.

UTM Office: University of Toronto, Mississauga, K267.

### RESEARCH AND TEACHING FIELDS:

Labor Economics, Economics of Cities and Regions, Political Economy, Productivity and Technology.

### REFERENCES:

PhD Thesis Advisors: David Card (co-chair), Enrico Moretti (co-chair), Patrick Kline, Bronwyn Hall

Other References: Guido Tabellini (M.A. Thesis Advisor)

### WORKING PAPERS

‘Good Firms’, Worker Flows and Local Productivity - *R&R Journal of Labor Economics*

Politico-economic Regimes and Attitudes: Female Workers under State-socialism (with P. Campa) - Submitted

### PUBLICATIONS:

Attitudes, Policies, and Work (with F. Giavazzi and F. Schiantarelli) *Journal of the European Economic Association*, 2013 v. 11: 1256–1289

### WORK IN PROGRESS:

Creativity over Time and Space - with G. Tabellini

Foreign Direct Investment and Agglomeration: Evidence from Ethiopia - with G. Abebe, M. McMillan and I. Verduzco

Western World’s Rust Belt Cities – with L. Gagliardi and E. Moretti

Mobility of Inventors and Innovation in Matched Patent-employer-employee Data – with S. Di Addario

### PRE-DOCTORAL STUDIES:

Bocconi University

### DEGREE

M.A.

### DATE

2007

### FIELD

Economics

Bocconi University

B.A.

2005

Economics

### TEACHING:

Urban and Regional Economics (Graduate)

The Economics of Cities and Regions: Productivity, Technology and Jobs (Undergraduate, 4<sup>th</sup> year)

### PHD STUDENT SUPERVISION:

Jessica Burley (started 2011): thesis committee member

Thomas King (started 2014): second-year paper supervisor  
Adam Miettinen (started 2013): second-year paper supervisor  
Juan Morales (started 2012): thesis committee member  
Genet Zinabou (started 2012): thesis committee member

### **FELLOWSHIPS AND AWARDS:**

2016 SSHRC Insight Development Grant (\$24,556)  
2015 Connaught New Researcher Award (\$10,000)  
2014 Graduate Expansion Fund, University of Toronto.  
2013 Start-Up Award, Connaught Fund, University of Toronto  
2012 Prize for Best Poster, All-California Labor Conference, San Francisco Fed  
2011 Outstanding Graduate Student Instructor Award  
2011 Center for Equitable Growth Research Grant  
2011 Institute of Business and Economic Research Dissertation Award  
2010 UC Berkeley Graduate Division Summer Grant  
2008 Marco Fanno Fellowship

### **PRESENTATIONS (INCLUDING SCHEDULED):**

2016 H2D2 Research Conference at U of Michigan, Applied Micro Lunch at Columbia University, LSE Spatial Economics Research Centre Seminar, CEPR - PEDL Research Workshop, University of Waterloo, ZEW Mannheim, Festival Economics Trento, CEA Meetings, UT/UBC Summer Conference, Econometric Society European Meeting, Rimini Conference in Economics and Finance, Dalhousie U, McMaster U, U of Ottawa, Copenhagen Business School, McGill, SITE - Stockholm School of Economics , University of Bristol

2015 AEA Meetings, U of Warwick Workshop in Labour Economics, U of T Cities of Learning Symposium, CEA Meetings, SOLE EALE World Meetings, European Economic Association Meetings, German Economic Association Conference, U of Guelph

2014 U of Calgary, SOLE Meeting, Collegio Carlo Alberto, University of Mannheim, fRDB Workshop EIEF, NBER Summer Institute – PPL, Di Tella University, Norwegian School of Economics, U of Alberta. Urban Economics Association Meeting, Mary Lynn Williamson Talk at University of Toronto Mississauga.

2013 U Pompeu Fabra, Warwick U, U Penn Wharton, U of Toronto, U of Cambridge Universitat Autònoma Barcelona, Paris School of Economics, U of Alicante.

2012 Stockholm U, EIEF, All-California Labor Conference at San Francisco Fed (Poster)

2011 All-California Labor Conference at RAND (Poster), Milan Labour Lunch Seminars

2010 IZA Labor Summer School

### **DEPARTMENTAL SERVICE**

2013-2014 Member of Junior Hiring Committee  
2014-2015 Empirical Micro Lunch Co-Organizer; MA/PhD admissions Committee; Junior Applied Brown Bag Co-Organizer.

### **REFEREE SERVICE**

American Economic Journal: Macroeconomics, Economic Journal, European Economic Review, Journal of the European Economic Association, Journal of International Economics, Journal of Labor Economics, Journal of

Population Economics, Journal of Public Economics, Journal of Urban Economics, Labour Economics, Quarterly Journal of Economics, Regional Science and Urban Economics, Review of Economics and Statistics, Scandinavian Journal of Economics.

**PERSONAL**

European. Born 1984. Languages: Italian, English, French (Intermediate). My “idols” include Altiero Spinelli, Patti Smith, Andrei Tarkovsky, Johan Crujiff, John Coltrane, Simone de Beauvoir.

Siemiatycki, Matti

## **Matti Siemiatycki – C.V.**

### A. **BIOGRAPHICAL INFORMATION**

#### **PERSONAL**

Matti Siemiatycki  
Department of Geography and Program in Planning  
Room 5041, Sidney Smith Hall (100 St. George)  
Toronto, Ontario, Canada  
Tel: (647) 680-8963  
Email: siemiatycki@geog.utoronto.ca

#### **DEGREES**

Ph.D, 2006      Planning, University of British Columbia  
Mega Projects in the Making: A Century of Transportation Infrastructure  
Investment in Vancouver, Canada  
Supervisor: Dr. Leonie Sandercock

M.Sc, 2003      Geography, Oxford University

B.A., 2002      Ryerson University

#### **EMPLOYMENT**

##### Current:

Associate Professor  
Department of Geography and Program in Planning, University of Toronto  
Appointed Assistant Professor, July, 2008  
Appointment Full Member of Graduate Unit, July, 2009

##### Past:

Department of Urban Studies, University of Glasgow  
Research Fellow, 2006-2008

#### **HONOURS**

2015    Dean's Excellence Award, Faculty of Arts and Science, University of Toronto  
2012    Dean's Excellence Award, Faculty of Arts and Science, University of Toronto  
2010    Finalist, SSHRC Aurora Prize for Top Early Career Researcher in Canada  
2008    Institute for Public Policy Research's Britain's Got Brains Competition  
Winner  
2007    Chester Rapkin Award for the Best Paper in the Journal of Planning  
Education and Research  
2005    Doctoral Fellowship, SSHRC Doctoral Scholarship

#### **PROFESSIONAL AFFILIATIONS AND ACTIVITIES**

Full Member, Ontario Professional Planners Institute (OPPI) (2010-)  
Editorial Board Member, Planning Theory and Practice (2012-)  
Editorial Board Member, Journal of Planning Education and Research (JPER) (2012-)  
Selection Committee Member, Chester Rapkin Award for Best Paper in JPER (2012-)  
Academic Advisor and Board Member, National Executive Forum on Public Property (2013-)  
Director, Toronto Waterfront Revitalization Corporation (Waterfront Toronto) (2009-2013)

B. **ACADEMIC HISTORY**

**RESEARCH AWARDS** (grants, contracts, fellowships) during preceding 5 years including:

Assessing the Outcomes of Infrastructure Public-Private Partnerships

SSHRC Standard Grant

Start Date: 04/2016      End Date: 03/2021

\$167,140

Matti Siemiatycki, Principal Investigator

StudentMoveTO: Four Universities Transportation Initiative.

UofT/York/Ryerson/OCADU Presidents Offices

Start Date: 05/2015      End Date: 05/2016

\$80,000

Matti Siemiatycki, Principal Investigator; Roger Keil, Raktim Mitra, Isabel Meirelles, Co-applicants

Implications of Public Private Partnerships: Canada within a Global Perspective

SSHRC Standard Grant

Start Date: 04/2010      End Date: 09/2014

\$115,375

Matti Siemiatycki, Principal Investigator; Bent Flyvbjerg, International Collaborator

Automobility and Urban Canada: Politics, Spatial Mismatches, & Implications for Citizenship

SSHRC Standard Grant

Start Date: 05/2009      End Date: 05/2013

\$158,995

Alan Walks (PI), Matti Siemiatycki, Ron Buliung, and Paul Hess, Co-applicants

Road Space Reallocation: Best Practices

MITACS Accelerate

Start Date 06/2009      End Date      06/2010

\$15,000

Matti Siemiatycki, Principal Investigator      Partner, Arup Canada

Cost overruns on transportation infrastructure projects: an international comparison

Connaught Fund Grant

Start Date: 02/2009      End Date: 12/2010

\$10,000

Matti Siemiatycki, Principal Investigator

Riding the Wave: Fads, Fashion, and the Cyclical Nature of Urban Innovation

Social Sciences and Humanities SIG Fund

Start Date: 03/2009      End Date: 03/2011

\$1,500

C. **SCHOLARLY AND PROFESSIONAL WORK**

**Refereed publications: Journal Articles**

Carpintero, S. and Siemiatycki, M. (2016). The Politics of Delivering Light Rail Transit Projects through Public-Private Partnerships in Spain: A Case study approach. *Transport Policy*. 49, 159-167

Siemiatycki, M. and Siemiatycki, E. (2016). The Role of the Planning Scholar in Times of Economic Crisis. *European Planning Studies*.

Birch, K. and Siemiatycki, M. (2016). Neoliberalism and the geographies of marketization: The entangling of state and markets. *Progress in Human Geography*. 40(2), 177-198.

Siemiatycki, M. (2015). Reflections on Twenty Years of Public-Private Partnerships in Canada. *Canadian Public Administration*. 58(3). 343-362.

Siemiatycki, M. (2015). Canadian pension fund investors in transport infrastructure: A case study. *Case Studies in Transport Policy*. 3(2), 166-175.

Roberts, D. and Siemiatycki, M. (2015). Fostering Meaningful Partnerships in Public-Private Partnerships: Innovations in Partnership Design and Process Management to Create Value. *Environment and Planning C*. 33(4), 780-793.

Carpintero, S. and Siemiatycki, M. (2015). PPP projects in local infrastructure: evidence from schools in Madrid region. *Public Money and Management*. 35(6), 439-446.

Lewis, R. and Siemiatycki, M. (2015). Building Urban Infrastructure: The Case of Prince's Dock, Bombay. *Journal of Policy History*. 27(4). 722-745.

Siemiatycki, M. (2015). Mixing Public and Private Uses in the Same Building: Opportunities and Barriers. *Journal of Urban Design*. 20(2), 230-250.

Siemiatycki, M., Walks, A. and Smith, M. (2014). The Politics of Bicycle Lane Implementation: The Case of Vancouver's Burrard Street Bridge. *International Journal of Sustainable Transport*. 10(3), 225-235.

Siemiatycki, M. (2013) Riding the Wave: Explaining Cycles in Urban Mega-Project Development. *Journal of Economic Policy Reform*. 16:2, 160-178.

Siemiatycki, M. and Farooqi, N. (2012). Infrastructure Public-Private Partnerships: Delivering Value for Money? *Journal of the American Planning Association*, 78:3, 283-299.

Siemiatycki, M. (2012). The Global Production of Transportation Public-Private Partnerships. *International Journal of Urban and Regional Research*, 37:4, 1254-1272.

Siemiatycki, M. and Friedman, J. (2012). The Trade-offs of Transferring Traffic Demand Risk on Transit Public-Private Partnerships. *Public Works Management and Policy*, 17:2, 283-302.

Siemiatycki, M. (2012). The Role of the Planning Scholar: Research, Conflict and Social Change. *Journal of Planning Education and Research*, 32:2, 147-159

Siemiatycki, M. (2011). Urban Transportation Public-Private Partnerships: Drivers of Uneven Development? *Environment and Planning A*, 43, 1707-1722.

Siemiatycki, M. (2011). Public-Private Partnership Networks: Business-Government Networks in United Kingdom Transportation Projects. *Economic Geography*.87:3, 309-334.

Siemiatycki, M. (2010). Delivering Transportation Infrastructure Through Public-Private Partnerships: Planning Concerns. *Journal of the American Planning Association* 76: 43 – 58.

- Reprinted in Flyvbjerg, B. (ed). (2014). *Megaproject Planning and Management: Essential Readings*, vols. 2. Cheltenham, UK: Edward Elgar.

Siemiatycki, M. (2010). Managing Optimism Biases in the Delivery of Large-Infrastructure Projects: A Corporate Performance Benchmarking Approach. *European Journal of Transport and Infrastructure Research*. 10: 30-41.

Siemiatycki, M. (2009). Academics and Auditors: Comparing Perspectives on Transportation Project Cost Overruns. *Journal of Planning Education and Research*. 29: 142-156.

Siemiatycki, M. (2007). What's the Secret? The Application of Confidentiality in the Planning of Infrastructure Using Private-Public Partnerships. *Journal of the American Planning Association*.73:4, 388-403.

Siemiatycki, M. (2006). Implications of Private-Public Partnerships on the Development of Urban Public Transit Infrastructure: The Case of Vancouver. *Journal of Planning Education and Research*, 24:4, 379-393.

- Reprinted in *Urbanism and Urban Planning at Many Scales: Selection from Recent North American Scholarship*. China Architecture and Building Press, 2011
- Reprinted in Fainstein, S. and Campbell, S. (2010). *Readings in Planning Theory, Third Edition*, 241-268



Siemiatycki, M. (2006). Message in a Metro - Building Urban Rail Infrastructure and Image in Delhi India. *International Journal of Urban and Regional Research*, 30:2, 277-292.

Siemiatycki, M. (2005). The Making of a Mega Project in the Neoliberal City: The Case of Mass Rapid Transit in Vancouver Canada, *City*, 9:1, 67-83.

Siemiatycki, M. (2005). Beyond Moving People: Motivations for Building Mass Rapid Transit in Bilbao Spain, *European Planning Studies*, 13:1, 23-44.

### **Book Contributions**

Siemiatycki, M. (2016). Cycles in Mega-Project Development. In Flyvbjerg, B. *Oxford Handbook on Mega-Project Management*.

Siemiatycki, M. (2015). Public-Private Partnerships in Canada. In Akintoye, A. and Beck, M. and Kumaraswamy, M. (Eds). *Public-Private Partnerships: A Global Review*. New York: Routledge. 59-73.

Walks, A., Siemiatycki, M. and Smith, M. (2014). Political Cycles: promoting velo-mobility in the auto-mobile city. In Walks, A. (Ed). *The Urban Political Economy and Ecology of Automobility*. New York: Routledge. 237-255.

Siemiatycki, M. (2013) Public-Private Partnerships and Mega-Projects: Successes and Tensions. In Priemus, H. and van Wee, B. *The International Handbook on Mega-Projects*. Cheltenham, UK: Edward Elgar. 158-151.

Siemiatycki, M. (2012). Public-Private Partnerships: At the Intersection of Finance and Design. In Khamsi, J. (Ed), *Huburbs: Creating Transit Supportive Communities*. Toronto: Daniels School of Architecture, University of Toronto. 23-28.

Siemiatycki, M. (2010). Entry on 'Transportation'. In Hutchison, R. (Ed), *Encyclopedia of Urban Studies*. Thousand Oaks: Sage. 825-828.

Siemiatycki, M. (2010). Entry on 'Transportation Planning'. In Hutchison, R. (Ed), *Encyclopedia of Urban Studies*. Thousand Oaks: Sage. 828-832.

Siemiatycki, M. (2008). Developing Transportation for a Livable City: The Case of Vancouver, Canada. In Guess, G. *Managing and Financing Urban Public Transport Systems: An International Perspective*. Hungary: Central European University Press. 223-258.

### **Non-Refereed Publications**

*Articles, Commentaries and Reviews in Peer Reviewed and Trade Journals*

Siemiatycki, M. (2015). Cicli, mode e circolazione internazionale dei mega-progetti urbani (Cycles, fashions and international circulation in urban mega-projects). *Territorio*. 71(1). 7-15.

Siemiatycki, M. (2012). The Global Experience with Public-Private Partnerships. *Planning and Environmental Law*. 64: 9, 6-11.

Siemiatycki, M. (2010). Planning in the Public Eye. *Plan Canada*. Fall. 30-32

Siemiatycki, M. (2009). Benchmarking and the Bottom Line. *Public Policy Research Journal*. 15:4, 224-228.

Siemiatycki, M. (2009). Setting Benchmarks for Performance. *Public Servant*. February, pp. 14.

Olson, K. and Siemiatycki, M. (2008). Light rail, land use and accessibility: The Story of the Vancouver SkyTrain. *Holyrood Magazine*, May.

Siemiatycki, M. (2007). Traffic Jam. *Alternatives Journal*. 33:1, 31-34.

Siemiatycki, M. (2004). The International Diffusion of Radical Transportation Policy - The Case of Congestion Charging: Comment on Ken Livingstone's Article, *Planning Theory and Practice*, 5:4, 510-517.

### *Book Reviews*

Siemiatycki, M. (2007). Book Review of Making Political Science Matter, edited by Sanford F. Schram and Brian Caterino. *Urban Studies*. 44:9, 1865–1867.

Siemiatycki, M. (2006). Thinking Big, A review of Transport of Delight by Jonathan Richmond, *International Journal of Urban and Regional Research*. 30:4, 971-973.

Siemiatycki, M. (2005). Risky Business, A review of Mega Project and Risk by Bent Flyvbjerg, Nils Bruzelius and Werner Rothengatter, *City*, 9:2. 261-270.

### *Consulting and Full Length Research Reports*

Boardman, A., Siemiatycki, M. and Vining, A. (2016). The Theory and Evidence Concerning Public-Private Partnerships in Canada and Elsewhere. The School of Public Policy Research Papers, University of Calgary. 9 (12), March, 2016.

Siemiatycki, M. (2016). *Creating an Effective Canadian Infrastructure Bank*. Toronto: Residential and Civil Construction Alliance of Ontario.

Siemiatycki, M. (2015). *Patterns, Causes and Cures for Cost Overruns on Infrastructure Projects*. Perspectives Paper, Institute for Municipal Finance and Governance, University of Toronto.

Siemiatycki, M. (2010). Infrastructure Financing & Pricing: Challenges and Solutions. Cities Centre Election Paper Series.

Siemiatycki, M. (2008). Benchmarking and the Bottom Line. Winning Submission to the Institute for Public Policy Research Britain's Got Brains Competition.

Siemiatycki, M. (2006). Policy White Paper: Reducing Single Occupancy Vehicle Use to Access Business Parks in Greater Vancouver South of the Fraser River - A Study of Best International Practices. Vancouver: Translink.

Siemiatycki, M. (2006). Implications of 30 Years of Rapid Transit Investment in Greater Vancouver on Land Use Change, Community Transition and Ridership Growth. Vancouver: Translink.

Siemiatycki, M. (2006). OnBoard: A Transportation Demand Management Strategy for eBay. Vancouver: Translink.

### *Public Commentaries*

Siemiatycki, M. (2016). A national infrastructure bank has to offer integrated services. *The Globe and Mail*. March 17.

Siemiatycki, M. (2016). Five steps to control megaproject costs. *The Globe and Mail*. January 22.

Siemiatycki, M. (2015). Caisse transit project with the Quebec government is not a win-win deal. *Montreal Gazette*. January 16.

Siemiatycki, M. (2014). Why do infrastructure projects always go over budget? *Toronto Star*. June 9.

Siemiatycki, Matti and Siemiatycki, Myer. (2014). Privatization won't solve Toronto's transit problem. *Toronto Star*. A14, February 20.

Siemiatycki, M. (2013). How to win votes and ruin a transit system. *Toronto Star* September 6.

Siemiatycki, M. (2012). Does selling off the Gardiner Expressway make sense? *Toronto Star* December 22.

Siemiatycki, M. (2012). Is selling off public school property a good idea? It depends. *Toronto Star* November 24.

- Siemiatycki, M. (2012). Building the next generation of Toronto's infrastructure. *Toronto Star* April 27.
- Siemiatycki, M. (2011). P3s aren't always the ticket for transit. *Toronto Star* December 11.
- Siemiatycki, M. (2010). Measuring the Merits of Privatization. *Toronto Star*. July 5. A11
- Siemiatycki, M. (2009). No Easy Choices to Achieving More Sustainable Transportation Systems. *Ryerson Alumni Magazine*, Summer. 26.
- Siemiatycki, M. (2009). Spending Requires Due Dilligence. *Toronto Star*. 20 January.
- Siemiatycki, M. (2008). Public Private Deals Can Pay for New Transit Projects. *Toronto Star*. 3 October.
- Siemiatycki, M. (2005). New Roads Don't Solve Congestion. *Vancouver Sun*. 30 July.
- Siemiatycki, M. (2005). Upon Further Review, TTC Gets it. *Toronto Star*. 3 May.
- Siemiatycki, M. (2004). Lessons Learned from the Bilbao Effect. *Toronto Star*. 2 February
- Siemiatycki, M. (2003). London Shows Way on Tolls, Congestion Charging a World Class Idea. *Toronto Star*. 24 October.

**Manuscripts/publications, etc. in preparation and submitted to publishers but not yet accepted.**

*Papers Submitted to Publishers but not yet Accepted*

Carpintero, S. and Siemiatycki, M. The Politics of Delivering Light Rail Transit Projects through Public Private Partnerships in Spain: A Case study approach. Submitted to *Transport Policy*

**Papers presented at conferences, meetings and symposia.**

- Siemiatycki, M. (2016). PPP and the impacts on city building. Association of American Geographers. San Francisco. March 29, 2016.
- Siemiatycki, M. (2015). Panel discussion on the politics of mega-projects. Association of American Schools of Planning. Houston. October 22, 2015.
- Siemiatycki, M. (2015). Public-Private Partnerships as drivers of Innovation or Ingenuity? Lessons from the Ontario Experience. CBS-Sauder-Monash Conference Series on Governance of Public-Private Partnerships. New York City. September 16, 2015.
- Siemiatycki, M. (2014). Influence of Politics on PPPs: Evidence from Two Light Rail Projects in Spain. CBS-Sauder-Monash Conference on Governance of Public-Private Partnerships. Melbourne, Australia. October 7-9.
- Siemiatycki, M. (2013). Public-Private Partnerships: Delivering Value for Money? Global challenges in PPP: cross-sectoral and cross-disciplinary solutions. Antwerp, Belgium. November 6, 2013.
- Siemiatycki, M. and Robert Lewis. (2013). Urban Mega-Projects, Cost Overruns and Place: The Prince's Dock, Bombay. The Society for City and Regional Planning History Annual Conference. Toronto, October 4, 2013.
- Siemiatycki, M. (2013). Mixing Uses in the Same Building: Examining Project Outcomes. Joint ACSP-AESOP Congress. Dublin. July 16, 2013.
- Siemiatycki, M. (2012). Private Infrastructure Financing and the Union Movement: An Uncomfortable Coexistence? American Collegiate Schools of Planning. Cincinnati. November 1, 2012.

Siemiatycki, M. (2012). Do PPPs Reduce Pork Barrel Politics in Infrastructure Location Decisions? The Case of Ontario, Canada. Copenhagen Conference on Public Private Partnerships. Copenhagen. September 27, 2012.

Siemiatycki, M. (2012). Smart Growth Planning and Transportation Public-Private Partnerships: Conflicts and Convergences. Institute of British Geographers. Edinburgh. July 2, 2012.

Siemiatycki, M. (2012). Delivering Sustainable Urban Transportation Projects through Public Private Partnerships: Limits and Opportunities. ACUPP Conference. Waterloo. May 28, 2012.

Siemiatycki, M. (2012). The Theory and Practice of Infrastructure Public-Private Partnerships Revisited. Symposia - Neither Public nor Private: Mixed Forms of Service Delivery around the Globe. Barcelona. May 17-18, 2012

Siemiatycki, M. (2012). The Political Geography of Infrastructure Public-Private Partnerships: The Canadian Experience. Association of American Geographers Annual Conference. New York City. February 28, 2012.

Siemiatycki, M. (2011). Infrastructure Public-Private Partnerships: Delivering Value for Money? American Collegiate Schools of Planning Annual Conference. Salt Lake City, Utah. October 16, 2011.

Siemiatycki, M. (2010). From Global to Local: The Planning and Implementation of Infrastructure across Multiple Scales. American Collegiate Schools of Planning. October 7, Minneapolis, Minnesota

Siemiatycki, M. (2009). Frequency, Causes and Cures for Cost Overruns On Transportation Infrastructure Projects, American Collegiate Schools of Planning, October 1, 2009.

Siemiatycki, M. (2009). Restarting Historic Railway Services: A Case Study of Metro Vancouver. Association of American Geographers Annual Meeting. Las Vegas, March 27.

Siemiatycki, M. (2008) Managing Optimism Biases in the Delivery of Large-Infrastructure Projects: A Corporate Performance Benchmarking Approach. International Conference on Infrastructure Systems. Rotterdam, November 12.

Siemiatycki, M. (2008). Private Public Partnerships in the Transportation Sector: Are Expectations Being Met? Joint Congress of the ACSP and AESOP. Chicago, July 6.

Olson, K. and Siemiatycki, M. (2008). Rapid Bus in Vancouver. UK Rapid Bus Conference. Glasgow, February 27.

Siemiatycki, M. (2007). The Long-Term Impact of Rapid Transit on Land Use Change and Transit Ridership: Evidence from Vancouver, Canada. Regional Studies Association Annual Meeting. London, November 27.

Siemiatycki, M. (2007). Improving Public Service Delivery through Corporate Performance Benchmarking: A Theoretical Examination. Reasserting the Public in the Delivery of Public Services. Singapore, September 27-29.

Siemiatycki, M. (2007). Dreaming Big: Mega Projects and the Fad Driven Nature of Urban Change. Research Committee for the 21st Century Annual Meeting. Vancouver, August 22-25.

### **Invited Lectures and Presentations**

#### *Academic*

Siemiatycki, M. (2016). IDEAS Symposium: Innovative Delivery, Efficiency, Accountability and Savings. Ryerson University. Toronto. May 6, 2016.

Siemiatycki, M. (2016). Panelist: Business Cases for Infrastructure Projects. Paying for Infrastructure Conference. University of Calgary. Toronto. April 6, 2016.

Siemiatycki, M. (2016). Over Budget and Behind Schedule: The Causes and Cures for Cost

Overruns. Institute on Municipal Finance and Governance, University of Toronto. January 21, 2016

Siemiatycki, M. (2016). The Use of Evidence in Urban Transit Decisions: The Case of Toronto. Policy Institute. School of Public Policy, University of Toronto. January 18, 2016

Siemiatycki, M. (2015). Public-Private Partnerships in the Transportation Sector. University of Toronto Institute of Transportation Engineers Seminar Series. December 4, 2015

Siemiatycki, M. (2015). Public-Private Partnerships and the Impacts on City Building. Architecture Speaker Series, University of Manitoba. November 26, 2015

Siemiatycki, M. (2015). Moderator of Transit Town Hall with TTC CEO Andy Byford. ASSU and Urban Studies Program. November 19, 2015.

Siemiatycki, M. (2015). Presentation in the Academic Publishing Panel, CITY Institute Career Development Workshop. York University. November 12, 2015

Siemiatycki, M. (2015). StudentMoveTO: Survey Design and Implementation. Presentation to the University Academic Board, University of Toronto. Toronto. October 8, 2015.

Siemiatycki, M. (2015). Infrastructure Decision Making and Cost Containment. State of the Federation 2015 Conference. Queen's University, Kingston. June 5, 2015.

Siemiatycki, M. (presenter), Boardman, A. and Vining, A. (2015). The Theory and Evidence Concerning Public-Private Partnerships in Canada and Elsewhere. *Issues Affecting Mid Sized Cities Conference*. School of Public Policy. University of Calgary. Calgary. June 3.

Siemiatycki, M. (2014). Public-Private Partnerships as drivers of innovation? Lessons from the International Experience. Invited Academic Seminar. Antwerp University. December 1.

Siemiatycki, M. (2014). The Role of the Planning Scholar in Times of Economic Crisis. International Seminar Series "Crisis and Renewal of Contemporary Urban Planning". Politecnico di Milano. Milan, June 6.

Siemiatycki, M. (2014). PPP Networks: the case of transportation projects in Canada. Keynote Address, Conference on Project Organizing: A Focus On The Construction Industry. PROFILI EU Sponsored Conference, Padova, Italy, 30 minutes, March 28.

Siemiatycki, M. (2014). Using Evidence in Infrastructure Policy Making: Lessons Learned from Canada and Abroad. Invited Speaker to the seminar series, The Federmann School of Public Policy and Government, Hebrew University, Jerusalem, 1.5 hours, March 24

Siemiatycki, M. (2013). Is there a Distinctive Canadian PPP Model? Reflections on Twenty Years of Practice. Public-Private Partnership Conference Series CBS-Sauder-Monash. Vancouver. Vancouver. June 13, 2013.

Siemiatycki, M. (2013). Public-Private Partnerships in Canada: Exploring Planning Concerns. Invited Lecture in Colloquium Series at Queen's University School of Urban Planning. Kingston. February 28.

Siemiatycki, M. (2012). Speaker Forum on Transit for the Future. Urban Studies Student Union Seminar, University of Toronto. Hart House, Toronto. November 15.

Siemiatycki, M. (2012). The Political Geography of Infrastructure Public-Private Partnerships: Experiences from Ontario Matti Siemiatycki. The Cities Centre Lunch and Learn Series. Cities Centre. Toronto, October 19, 2012

Siemiatycki, M. (2012). What infrastructure do we need for economic success? Re-imagining Our Cities: Toward a Comprehensive Strategy for the Urban Economies of Southern Ontario. York University Cities Centre Summit. 10 minute lecture and subsequent panel discussion. Toronto, April 13, 2012

Siemiatycki, M. (2012). Infrastructure Public-Private Partnerships: An Introduction, Ryerson School of Urban Planning Expo. 30 minute lecture and subsequent panel discussion. Toronto, March 3, 2012.

Siemiatycki, M. (2011) Lecture on infrastructure public-private partnerships to the University of Toronto Graduate Student Transportation Engineering Society. 1hr. Toronto. October 28, 2011

Siemiatycki, M. (2011). In the Public Interest Coalition Conference on Infrastructure Asset Privatization. Labor Studies Centre, Rutgers, New Brunswick, New Jersey. April 28-29. participate in two day invite-only conference.

Siemiatycki, M. (2011). At the Intersection of Finance and Design. Huburbs Conference, Daniels School of Architecture and Metrolinx. Toronto, April 15, 2011. 45 minute lecture; all day participation

Siemiatycki, M. (2010). Varieties of Neoliberalisation: Marketisation and Public-private Partnerships in Transport Infrastructure. Regional Studies Association Network Workshop: Varieties of Neoliberalism. Glasgow, Scotland, June 16, 30 minute lecture.

Siemiatycki, M. (2010). Global Production of Public-Private Partnerships. Ryerson University Department of Geography Colloquium Series. Ryerson University, Toronto. February 2, 2 hours

Siemiatycki, M. (2008). Application of Private Public Partnerships in the Transportation Sector. Centre for Spatial Analysis Colloquium Series, McMaster University, Hamilton, October 5.

Siemiatycki, M. (2007). Department of Planning Colloquium Series, Sheffield University, February 27.

### *Professional*

Siemiatycki, M. (2016). Financing Heritage Projects: How Governments do it, and how financial realities determine the level of conservation. Invited Presenter. National Executive Forum on Public Property Annual Symposium. Quebec City. May 19, 2016.

Siemiatycki, M. (2016). Strategies for Effective Infrastructure Policymaking & Project Delivery. Invited Presenter. Western Transportation Advisory Committee 2016 Spring Members Forum. Edmonton. May 4, 2016.

Siemiatycki, M. (2016). Invited Panelist. Delivering Urban Transit Infrastructure Conference. The Canadian Institute. Toronto. April 27, 2016.

Siemiatycki, M. (2016). Invited presenter at Policy Roundtable on a Canadian Infrastructure Bank. Institute on Municipal Finance and Governance. University of Toronto. April 26, 2016.

Siemiatycki, M. and Harding. (2016). StudentMoveTO Summary and Next Steps. Invited presentation to the University of Toronto Governing Council. February 25, 2016.

Siemiatycki, M. (2015). Invited Presentation on value for money audits by the Auditor General of Canada, involving 20 senior government Auditors from China. Sino-Canada Technology Exchange Centre, Toronto. 6 hrs. December 2, 2015.

Siemiatycki, M. (2015). Panelist for discussion on infrastructure and big data. Canadian Council for Public-Private Partnerships Annual Conference. Toronto, November 2, 2015.

Siemiatycki, M. (2015). Public Private Partnerships: Assessing Major Projects in the Transportation Sector. Conference Board of Canada Webinar. October 28, 2015

Siemiatycki, M. (2015). PPPs and Value for Money. Delivering Growth By Partnership Workshop. Jamaica Development Bank. Kingston, Jamaica, September 24, 2015.

Siemiatycki, M. (2015). Public Private Partnerships (PPP) - "Value for Money," Jamaica Society of Engineers PPP Conference. Kingston, Jamaica. September 23, 2015.

Siemiatycki, M. (2015). Witness evidence presented to the House of Commons Standing Committee on Transport, Infrastructure and Communities regarding the federal government's role

in Canadian infrastructure. 10 minute presentation and 50 minute response to questions along with 2 other witness. Ottawa (via videolink), May 28, 2015.

Siemiatycki, M. (2015). Defining Partnerships and the Forms they can take - the Governance Model. National Executive Forum on Public Property Annual Symposium. May 21, 2015.

Siemiatycki, M. (2015). Transit P3s: Lessons Learned from the Past Two Decades. Transport Futures: P3s in Motion. Keynote Speaker. Transport Futures. Toronto. May 4, 2015.

Siemiatycki, M. (2015). Panelist in session on New Agendas for Infrastructure. Building the Bridge – Solutions to Infrastructure Conference. Century Foundation. Washington DC. April 13, 2015

Siemiatycki, M. (2015). Lessons Learned from 20 Years of Public-Private Partnerships in Canada. Toronto Association of Business Economics. January 29, 2015.

Siemiatycki, M. (2015). Understanding the Value in Public-Private Partnerships. Invited Lecture to Ministry of Transportation staff. MTO. St. Catharines. January 21, 2015.

Siemiatycki, M. (2014). Land Use and Transportation Planning. *Asian Business and Management Program*. York University. Toronto. December 10, 2014.

Siemiatycki, M. (2014). Public-Private Partnerships: The International Experience. Keynote Address. Belgian Academic-Practitioner Public-Private Partnerships Conference. Brussels. December 2, 2014.

Siemiatycki, M. (2014). Sustainability and Urban Development. *Asian Business and Management Program*. York University. Toronto. November 25, 2014.

Siemiatycki, M. (2014). Understanding Value In Public-Private Partnerships. Canadian Value Symposium. Canadian Society of Cost Analysis. Toronto. November 18, 2014.

Siemiatycki, M. (2014). Public-Private Partnerships: Value for Money. PPPs in the Caribbean Conference. Plenary Session. Bahamian Society of Engineers/Canadian Society of Civil Engineers. Nassau, Bahamas. October 31, 2014.

Siemiatycki, M. (2014). Public-Private Partnerships: Lessons Learned. Greater Toronto Transportation Conference. September 19, 2014.

Siemiatycki, M. (2014). Why Governments Are Involved in Real Estate. Invited 10 minute presentation and 1.5 hour panel discussion. National Executive Forum on Real Property 2014 National Symposium. Toronto. May 30.

Siemiatycki, M. (2014). Building Infrastructure Through Public-Private Partnerships. Invited presentation to the Canadian Society of Civil Engineers, Toronto Chapter. Toronto. 2 hours. May 8.

Siemiatycki, M. (2014). Public-Private Partnerships in Canada: Key Issues for Auditors. Invited speaker at Canadian Association of Legislative Auditors Annual Conference. Toronto, 1 hour. April 9.

Siemiatycki, M. (2014). Expert Witness Testimony to the Panel on Public Private Partnerships. Transportation and Infrastructure Committee. United States Congress. 5 minute presentation and 2 hour panel discussion in response to congress-member questions. Washington DC, April 8.

Siemiatycki, M. (2014). Invited testimony to hearings on the feasibility of a high speed rail link between Calgary and Edmonton. Standing Committee on Alberta's Economic Future, Parliament of Alberta. Edmonton. 45 minute presentation and question and answer. January 29.

Siemiatycki, M. (2013). Pension Fund Investors in Infrastructure: Opportunities and Barriers. International Workshop On The Desired And Undesired Effects Of Infrastructure And Transport Policy Reforms. University of Barcelona, 30 minute presentation. November 28.

Siemiatycki, M. (2013). Do Public-Private Partnerships Support Sustainability? Keynote Address. Expert Roundtable on PPPs. University of Antwerp. 30 minute presentation and questions. November 5.

Siemiatycki, M. (2013). Invited moderator of Session on pension funds as infrastructure investors. Municipal Infrastructure Financing and Funding Conference. Toronto. September 17-18.

Siemiatycki, M. (2013). Invited moderator of Session on pension funds as infrastructure investors. Municipal Infrastructure Financing and Funding Conference. Toronto. September 17-18.

Siemiatycki, M. (2012). Invited Presentation on the Principles of Urban Planning in Canada. Presentation to 20 Senior Officials, involving 20 senior public officials from Heilongjiang, China. Sino-Canada Technology Exchange Centre, Toronto. 6 hrs. September 11.

Siemiatycki, M. (2013). Panel on Public-Private Partnerships. Investment & Business Opportunities Forum in South Eastern Europe. The Atlantic Council of Canada. Toronto. March 1.

Siemiatycki, M. (2012). Public-Private Partnerships and Infrastructure Finance. Calgary Chamber of Commerce, Tax and Economic Affairs Committee. November 29.

Siemiatycki, M. (2012). Debate: Are We Achieving True Value for Money with PPPs? Invited Debater at the Canadian Council for Public-Private Partnerships Annual Conference. Royal York Hotel, Toronto. November 26.

Siemiatycki, M. (2012). Picking the Right Revenue Tools - Evaluating the Options. Invited Presentation at ACT Canada Mobility Summit. Hamilton. November 5.

Siemiatycki, M. (2012). PPPs and Value for Money in Building Projects. Presentation to Tower Renewal Project Planners at the City of Toronto. Toronto City Hall. October 25, 2012.

Siemiatycki, M. (2012). Invited Presentation on the Principles of Urban Planning in Canada. Presentation to 20 Senior Officials, involving 20 senior public officials from Kaifeng City, China. Cities Centre, Toronto. 2 hrs. October 24.

Siemiatycki, M. (2012). Witness evidence presented to the House of Commons Standing Committee on Government Operations and Estimates regarding the effectiveness of Public-Private Partnerships in the delivery of Government Services. 10 minute presentation and 50 minute response to questions along with 1 other witness. Ottawa, October 23.

Siemiatycki, M. (2012). Transit Infrastructure Public-Private Partnerships: Options, Opportunities, Risks. Lamda Alpha – Society of Land Economists. 45mins. Toronto, January 24, 2012.

Siemiatycki, M. (2011) Invited presentation on Canadian governance systems and technology partnerships to the Sino-Canada Technology Exchange Centre, involving 20 senior Chinese public officials. 3 hrs, August 22, 2011

Siemiatycki, M. (2011). Financing Transit Futures. *Canadian Urban Transit Association Youth Summit*. 1hr. Toronto, August 13, 2011.

Siemiatycki, M. (2011). Transit Public-Private Partnerships: Options, Opportunities, Risks. *Metrolinx Planning Leaders Forum*. 2hr. Toronto July 7, 2011

Siemiatycki, M. (2011) Invited presentation and discussion with Metrolinx Chief Financial Officer, Senior VP of Infrastructure and other senior staff to examine prospects, promise and perils of using public-private partnerships to deliver new transit lines in Toronto. 1.5 hours, June 3, 2011.

Siemiatycki, M. (2011). Assessing the Merits of Infrastructure Contracting Out and Privatization. Ontario Municipal Workers Union Members Conference, Niagara Falls, Ontario. April 1, 2011. 2 hr panel discussion.

Siemiatycki, M. (2010). Municipal Infrastructure Planning and Financing: The Canadian Example. Study tour by delegation of senior South African government officials. Monk Centre, Toronto, June 8, 2010, 1 hour lecture; all day participation.



Siemiatycki, M. (2010). 10 Criteria for Assessing Asset Privatization. Canadian Urban Institute breakfast panel discussion on Managing City Assets, Metro Hall, Toronto, March 11, 2010.

Siemiatycki, M. (2009). Improving procurement through performance benchmarking. Institute of Public Administration of Canada – conference on Strategic Sourcing And Procurement: What Does The Future Hold? Toronto. November 26.

Siemiatycki, M. (2009). Improving Public Service Delivery through Corporate Performance Benchmarking. Institute of Public Administration of Canada - Centre of Excellence on Performance Management & Accountability, Toronto, June 25, 2009.

Siemiatycki, M. (2008). Transportation, land use and sustainability. Canadian Urban Transit Association Youth Summit, Vancouver, August 21.

Siemiatycki, M. (2008). Private-Public Partnerships: An International Examination. Scottish Policy Innovation Forum. February 24.

Siemiatycki, M. (2007). Making the Connections. Transport Scotland Session on Transportation, Land Use and Climate Change, Glasgow, August 6.

### *Community*

Siemiatycki, M. (2015). 10 minute lightning talk on Transportation in the GTA and 1.5 hour panelist at the OCAD University organized DesignJam Toronto *Traffic Jam* hackathon. March 28, 2015.

Siemiatycki, M. (2014). Urban Transformations: The Past, Present and Future of Toronto's St. Clair West. Artscape Wychwood Barns. June 21, 2014.

Siemiatycki, M. (2014). Civic Action – Youth Event on Transportation Financing, Closing Commenter. University of Toronto. April 2

Siemiatycki, M. (2013). Borrowing Today for the City of Tomorrow? Invited Presentation and Panellist in session organized by the Institute for Municipal Finance and Governance, University of Toronto. Toronto. March 20.

Siemiatycki, M. (2013). International Transit Systems – How do they work and how are they funded? Invited Presentation to the Metrolinx Residents' Panel on Regional Transportation Investment. March 2.

Siemiatycki, M. (2012). Emerging Leaders Network Studio 2012: Enough Talk, Let's Move! Greater Toronto Civic Action Alliance. Toronto. December 1.

Siemiatycki, M. (2012). Funding Future Transportation in the GTA. Moving Forward – A Public Forum On Transportation. Markham Civic Centre – Council Chambers. May 12, 2012

Siemiatycki, M. (2012). Is transit on track? Get a Behind-the-Scenes Perspective on the Challenges Facing Transit in Toronto. 30 minute presentation, and 2 hour panel discussion and workshop organized by Councillor Joe Mihevc. Toronto, February 15, 2012

### **Selected Media Communications in Past Year on Infrastructure Issues (82 in Total)**

Panelist on 1 hour Federal Government Budget announcement special with CTV Host Lisa LeFlamme. *CTV News Network*. March 22, 2016

Interview with Andrew Chang for story about the Hyperloop train. *CBC TV Vancouver*. March 21, 2016

10 minute live interview with Anna Maria Tremonti for a segment about infrastructure spending in Canada. *CBC The Current*. January 18, 2016.

Interview with Mark McAllister for story about introducing High Occupancy Toll lanes in GTA. *Global TV News*. December 7, 2015.

Interview with David Fraser for story about PPPs in Saskatchewan. *Regina Post-Leader*.

November 16, 2015

Interview with Oliver Moore for a story about the transportation legacy of the Pan Am Games. *The Globe and Mail*. July 15, 2015.

20 minute interview with Steve Paikin on the state of infrastructure in Ontario. *The Agenda*. April 10, 2015.

Interview with Tess Kalinowski for a story on transit PPPs. *Toronto Star*. April 9, 2015

D. **LIST OF COURSES** (in preceding 5 years)

**Undergraduate courses taught**

GGR 271: Social Research Methods  
I substantially revised the material for this course when I took it over in 2009

GGR 324/424: Transportation Geography and Planning  
I developed a new syllabus for this course when I took it over in 2009, and made further updates when the course was changed from a 300 to a 400 level course in 2010

GGR246: Geography of Canada  
I developed a new syllabus, lectures and assessments for this course when I took it over in 2013

**Graduate courses taught**

PLA 1102: Planning Decision Making  
I developed a new syllabus and assignments for this course when I took it over in 2008

PLA 1801: Urban Infrastructure Planning  
This is an entirely new course which I developed in 2010.

Graduate Planning Field Trip Course, Summer 2010 and 2011  
In 2010, Professor Virginia Maclaren and I developed a program and accompanied 25 graduate planning students on a 3-day field trip to Chicago. In 2011 I was the course supervisor for the field trip to New York City.

**Graduate Student Supervision (primary supervisor)**

*Master's of Planning Students:*

Dessislava Simova, Hospital public-private partnerships. September 2014-March 2015

Kyle Miller, Infrastructure procurement performance. September 2014-March 2015

Michael Himmel, Innovation in public-private partnerships. September 2014-March 2015

Danny Brown, Crowd sourcing for civic works projects, September 2013-March 2014

Joseph Milos, Private sector led public engagement, September 2013-March 2014

Shirin Barol, creative private-NGO partnerships to deliver public infrastructure, September 2012-March 2013

Shearz Khan, urban planning and web mapping in Ontario, September 2012-March 2013

Michael Backs, smart growth planning in Ottawa, September 2011-March 2012

Jake Tobin Garrett, adaptable urban public spaces, September 2011- 2012

Yi Luo, public-private partnerships and the formation of mobility hubs, July 2011-April 2012

Emily Wall, shopping streets in the suburbs, September 2011-March 2012

Jonathan Friedman, public-private partnerships and infrastructure planning, September 2010-May 2011

Naeem Farooqi, public-private partnerships and infrastructure planning, July 2009-May 2010

Emanuel Nicolescu, reallocating road space to cycling and public transit infrastructure, July 2009-May 2010

Anthio Yuen, development charges, land development and sustainability, September 2008-May 2009

Suzanne Kerpotsman, providing public transit to disabled users, September 2008-May 2009 (Primary supervisor)

Shawn Chow, transit investments as a catalyst for compact land development, September 2008-May 2009

*Master's of Geography Students*

Amy Buitinhuis, private provision of prisons in Ontario, September 2011-July 2013

Matt Smith, electoral politics of cycling in Vancouver, July 2009-2011 (Co-supervision with Alan Walks)

*Doctoral Students:*

Jeff Biggar, discretionary zoning and property development in Toronto, January 2015-present

Daniel Rowe, infrastructure provision and public-private partnerships, September 2013-present

*Post Doctoral Students*

Amit Tubi, infrastructure adaptation and resilience. September 2015-present.

David Roberts, creative public-private partnerships to deliver mixed use buildings in Toronto. January 1-December 31, 2012

E. **ADMINISTRATIVE POSITIONS**

**Positions held and service on committees and organizations within the University**

2015 Lead Coordinator of StudentMoveTO initiative for the University of Toronto.

2015 Geography department representative on the Faculty of Arts and Sciences Council

2014 Provost's Steering Committee for University of Toronto Pan American Games Scholarly Programming

2014 Department of Geography Faculty Search Committee, New Data Flows

2013 Department of Geography Appeals Committee

2013 PTR Committee Member

2013 SSHRC SIG Funding Allocation Committee

2012 Department of Geography Faculty Search Committee, Economic Geography Position

2012 Cities Centre Working Group, University of Toronto

2012 Department of Geography St. George Campus Chair Search Committee

2012 Department of Geography Graduate Chair Search Committee

2012 Planning Program Admissions Committee

2011 PTR Committee Member

2011 Awards Committee

2011 Planning Program Committee

2011 Served on the tenure reading committee for Professor Matthew Roorda, Department of Civil Engineering, University of Toronto

2010 PTR Committee Member

2010 Planning Program Committee

2009 Graduate Student Professional Development Committee

Walks, R. Alan

## **FACULTY OF ARTS AND SCIENCE C.V.**

### A. **BIOGRAPHICAL INFORMATION**

#### 1. **PERSONAL**

**R. (Robert) Alan Walks, PhD, RPP, MCIP**

Office: Davis 3258, Department of Geography, University of Toronto Mississauga (UTM),  
Tel. #905-828-3932, Office Fax # 905-828-5373.

#### 2. **DEGREES**

**Ph.D., 2004, University of Toronto, Department of Geography**

Title: Polling Apart: Suburbanization and the Political Polarization of Large Canadian  
Urban Areas, 1945 – 2000, Supervisor: Larry S. Bourne

**M.A., 1998, University of Waterloo, School of Urban and Regional Planning**

Title: Economic Restructuring and Socio-Spatial Polarization: Evidence from the  
Toronto Urban Region, Supervisor: Trudi E. Bunting

**B.A., Honours, 1993, Dalhousie University, International Development Studies**

#### 3. **EMPLOYMENT**

**Associate Professor, and Acting Chair, Department of Geography,**  
University of Toronto at Mississauga

Start of appointment: July 1, 2004.

Date of appointment to graduate unit: March 14, 2007.

Tenure Granted: June 1, 2009

#### 4. **HONOURS**

Dean's Merit Award, UTM: 2004, 2005, 2006, 2007, 2008, 2009, 2011, 2013, 2014

Winner, Best Paper Award, Urban Affairs Association, 2004

*Nominated* for Gold Medal for Best Masters Thesis, University of Waterloo, 1998

#### 5. **PROFESSIONAL AFFILIATIONS AND ACTIVITIES**

##### *Professional Affiliations and Memberships:*

Member – Association of American Geographers

Member – Canadian Association of Geographers

Member – Urban Affairs Association

Member – Planner's Network

**Full Member** – Ontario Provincial Planning Institute (OPPI) (designation: *RPP*)

**Full Member** - Canadian Institute of Planners (CIP) (designation: *MCIP*)

##### *Membership on Scholarly Journal Editorial Boards:*

1. Editorial board member, *Urban Geography*, January 2009+

2. Editorial board member, *Canadian Geographer*, December 2011+

3. Editorial board member, *Environment and Planning A*, January 2016+

*Membership on Research and Granting Institution Advisory Committees:*

1. **National Centre for Suburban Studies** (Hofstra University, New York, USA), *Research Advisory Committee* (2008 and continuing – meets only intermittently)
2. **Canadian Housing Institute** (University of Western Ontario), *Advisory Committee* (2009 and continuing – meets only intermittently)
3. **Neighbourhood Change Project** (see *Research Grants* below), *Steering Committee*, (2005 through 2010, and again 2012+), University of Toronto (meets constantly)

*Reviewer of Grants and Research Proposals:*

1. National Science Foundation Grant Proposal (USA) (2007, 2010)
2. SSHRC Standard Faculty Research Grant Proposal (2008, 2013, 2014, 2015, 2016)
3. Netherlands Organization for Scientific Research (NOSR) (2012)
4. AHURI (Australian Housing and Urban Research Institute) (2105)
5. IRPP (Institute for Research on Public Policy) (2015)
6. CCSD (Canadian Council on Social Development) (2015)

*Reviewer of manuscripts for the following academic journals:*

Annals of the Association of American Geographers  
(2005/2006/2007/2008/2010/2013/2014/2015)  
Applied Geography (2014)  
Canadian Geographer (2004, 2007, 2008, 2009, 2010, 2011, 2012, 2014, 2015, 2016)  
Canadian Journal of Political Science (2004, 2005, 2006, 2012)  
Canadian Journal of Urban Research (2004, 2010, 2011, 2012, 2013, 2014, 2015)  
Canadian Studies in Population (2009)  
Environment and Planning A (2005/6/7/8/9/10/11/13, 2014, 2015, 2016)  
Environment and Planning C: Government and Policy (2006)  
Environment and Planning D: Society and Space (2011, 2015)  
Geoforum (2007, 2010, 2015)  
Geojournal (2009)  
Geographical Review (2011)  
Housing Policy Debate (2014, 2015)  
International Journal of Urban & Regional Research (2005/6/8/9/10/11/12/13/14/15/16)  
Journal of Canadian Studies (2010, 2011)  
Journal of Urban Affairs (2004, 2006, 2007, 2009, 2010, 2012, 2013, 2014)  
Journal of International Migration and Integration (2009)  
Law and Social Inquiry (2009)  
Managerial Finance (2014)  
Professional Geographer (2008)  
Routes (2015)  
Tijdschrift voor Economische en Sociale Geografie (2009)  
Town Planning Review (2013)  
Transactions of the British Institute of Geographers (2008)  
Urban Affairs Review (2006, 2007, 2008, 2011, 2012, 2013, 2015)  
Urban Geography (2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016)  
Urban Studies (2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015)

B. **ACADEMIC HISTORY**

6.A. **RESEARCH ENDEAVOURS**

*General research interests:* urban social, economic and political geography, urban policy, neighbourhood inequality, regional planning/metropolitan governance, urban form, segregation, suburbanization, electoral geography, neighbourhood effects on social and political attitudes and ideology, housing, homelessness, automobility, driving cities, finance, financialization, geographies of social justice

I am currently working on a number of distinct but related projects:

1. **The causes and consequences of financialization (and indebtedness) for Canadian households and cities.** This is the topic of my recent successful SSHRC project (see below), and includes analysis of the rise of household debt and its impacts, of the adoption and form of mortgage securitization in Canada, and its implications for the articulation of debt and inequality in Canada's cities, the impact on housing markets, and ultimately on how this affects relationships between households and places. This project intersects with my research into the financing of automobility, changes in housing policy, and income inequality, described below.
2. **Geography of voting behaviour and political attitudes** in metropolitan areas of Canada, Britain, Australia and the United States. I have recently co-edited a volume with Drs. Jefferey Sellers, Daniel Kubler, and Melanie Walter-Rogg (*The Political Ecology of the Metropolis*) published by EPCR Press/Columbia U. Press, related to this research. I am working on a book on this in Canada.
3. **Social and political consequences of gated communities** in Canadian urban regions. This is an ongoing project, and is a spin-off from my first SSHRC project. I am currently working with Drs. Paul Hess and Andre Sorenson in attempting to quantify the number of different types of gated communities in the Toronto region, and to ascertain the voting patterns in these communities.
4. **Gentrification trends, social housing, social mix,** service delivery and development pressures in Toronto, Montreal and Vancouver, and now Halifax, Calgary, and Winnipeg as well. This research is part of the larger research project originally funded by a CURA grant over a five year period 2005-2010, continued into our SSHRC public outreach grant, and has now been expanded into a six-CMA partnership project, with our SSHRC Partnership Grant success in 2013 (the Neighbourhood Change Research Partnership – NCRP; David Hulchanski is PI, see below). Related to this in analysis of the redevelopment of Social Housing in Canada.
5. Analysis of **immigrant settlement patterns, segregation,** ghettoization and immigrant perceptions of suburban environments in the Toronto region. This is an ongoing interest, related to both my SSHRC and the CURA/NCRP projects. One of my graduate students, Dylan Simone, is studying the relationship between financialization and immigrant poverty and settlement patterns.
6. Analysis of **urban social and spatial income polarization, inequality** and segregation in Canadian cities over the period 1971 to 2001, and its causes and consequences. This is an ongoing interest of mine from the very beginning, and undergirds virtually all of my work to date.
7. **Automobility and its consequences,** including the factors driving socio-spatial inequality, auto-mobile politics, and indebtedness. This originated with my previous SSHRC funded project, with co-investigators Drs. Ron Buliung, Paul Hess, and Matti Siemiatycki, and is continuing with my interesting in the relationship between automobility and financialization.
8. **Suburbanism, and suburban decline.** This relates to both of my recent (previous and current) SSHRC-funded projects, as well as my role in the MCRI project on Global Suburbanisms led by Dr. Roger Keil at York University.
9. Analysis of the importance of **condominium development** for understanding neighbourhood change, urban transformation, and urban social and political governance. I am collaborating primarily with my former post-doc, Dr. Gillad Rosen (Hebrew University of Jerusalem).

6B. **RESEARCH AWARDS (Successful):**

**ONGOING:**



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2014-2020 Project Title: **Causes, Consequences, and Geographies of Financialization in Canada: Household Debt, Foreclosures, Socio-Spatial Inequalities**

Principal Investigator = Alan Walks

April, 2014 – 2019 (w/one-year automatic extension to 2020)  
Application Date = October 2013, Success Announced April, 2014  
Granting Agency= *SSHRC Insight Grant*

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2012-2020 Project Title: **Neighbourhood Inequality, Diversity, and Change: Trends, Processes, Consequences, and Policy Options for Canada's Metropolitan Areas** (“NCRP”)

Principal Investigator = David Hulchanski, University of Toronto

6 Core Co-Investigators (‘Team Leaders’ for the 6 core metropolises in the study):

Dr. Alan Walks (Toronto region team leader)  
Dr. Damaris Rose (Montreal region team leader)  
Dr. David Ley (Vancouver region team leader)  
Dr. Ivan Townshend (Calgary region team leader)  
Dr. Jino Distasio (Winnipeg region team leader)  
Dr. Jill Grant (Halifax region team leader)

There are 23 other co-investigators

April 2012–2019 (with one year automatic extension to 2020).  
Application Date = October 2011, Success Announced April 2012  
Granting Agency= *SSHRC Partnership Grant Program*

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2010-2017 Project Title: **Global Suburbanism: Governance, Land, and Infrastructure in 21st Century**

Principal Investigator = Roger Keil, York University

I am one of 21 collaborators from 5 countries, there are also 20 co-investigators from York University and 7 overseas universities

Amount Awarded: \$2,500,000 over seven years (January, 2010 – December, 2016)  
Application Date = Autumn 2009 (LOI successful April 2009)  
Granting Agency= *Major Collaborative Research Initiative (MCRI)*

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### ***RECENT***

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2013-2014 Project Title: **Assessing and Measuring the Factors Affecting Mobility, Transportation Accessibility, and Social Need**

Principal Investigator = Alan Walks

Amount Awarded = \$55,000, for April, 2013 – October, 2014  
Application Date = March 2013, Success Announced April, 2013  
Granting Agency= *METROLINX*

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2009- Project Title: **Automobility and Urban Canada: Politics, Spatial Mismatches, and**  
2013 **Implications for Citizenship.**

Principal Investigator = Alan Walks  
Co-investigators = Ron Buliung, Paul Hess, Matti Siemiatycki

Amount Awarded: \$158,193 over three years, with automatic extension for one year  
Granting Agency= *Social Science and Humanities Research Council of Canada (SSHRC)*.  
Application Date = October 15, 2008. Success in funding announced April 1, 2009.

Note: in addition to journal articles, this project led to my recent edited Routledge volume  
“*Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*”. 11 of the 15 chapters in this volume derive directly from work funded by this project.

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2011- Project Title: **Political Representation of Visible Minorities in the Toronto and Vancouver**  
2012 **Regions**

Principal Investigator = Alan Walks

Amount Awarded: \$12,500 for 1.5 years (April, 2011 – October, 2012)  
Application Date = December 2010, Success Announced April 19, 2011  
Granting Agency= *CERIS – Centre of Excellence in Research on Immigration and Settlement (Ontario Metropolis)*

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2010- Project Title: **Neighbourhood Trends in the Toronto, Montréal and Vancouver City-Regions,**  
2011 **1971 to 2006: Understanding Changes in Global Cities at the Neighbourhood Level**

Principal Investigator = David Hulchanski, Cities Centre, University of Toronto  
Co-investigators: Drs. Alan Walks, David Ley, Damaris Rose, Bob Murdie, Larry Bourne, Paul Hess, and Maureen Fair (the latter of St. Christopher House)

Amount Awarded: \$146,500 for one year (April, 2010 – April, 2011)  
Application Date = Late Autumn 2009  
Granting Agency= *SSHRC Public Outreach Dissemination Grant*

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B. PATENTS awarded during past 5 years.

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C. **SCHOLARLY AND PROFESSIONAL WORK**

**7. Refereed publications**

**A. Articles (published or accepted)**

Walks, Alan (accepted/forthcoming) “Homeownership, Asset-Based Welfare and the Neighbourhood Segregation of Wealth”. *Housing Studies*.

Walks, Alan and Simone, Dylan (accepted/forthcoming) “Neoliberalization through Housing Finance, the Displacement of Risk, and Canadian Housing Policy: Challenging Minsky’s Financial Instability Hypothesis”. *Research in Political Economy*.

Walks, Alan (accepted/forthcoming) “Dealing with our Mortgaged Future: The State of Housing Finance in Canada”. *Alternatives*.

- Siemiatycki, M., Smith, M., and Walks, Alan (2016) "The Politics of Bicycle Lane Implementation: The Case of Vancouver's Burrard Street Bridge". *International Journal of Sustainable Transportation*. 10(3): 225-235
- Walks, Alan and Clifford, Brian (2015) "The Political Economy of Securitization and the Neoliberalization of Housing Policy in Canada". *Environment and Planning A*. 47(8): 1624-1642
- Rosen, G. and Walks, Alan. (2015) "Castles in Toronto's Sky: Condo-ism as Urban Transformation". *Journal of Urban Affairs*. 37 (3): 289-310
- Walks, Alan (2015) "Stopping the 'War on the Car': Neoliberalism, Fordism, and the Politics of Automobility in Toronto". *Mobilities*. 10 (3): 402-422
- Walks, Alan (2014) "From Financialization to Urban Socio-Spatial polarization? Evidence from Canadian Cities". *Economic Geography*. 90 (1): 33-66
- Walks, Alan (2014) "Gated Communities, Neighbourhood Selection and Segregation: Residential Preferences and Demographics of Gated Community Residents in Canada". *Town Planning Review*. 85 (1): 39-66
- Walks, Alan (2014) "Canada's Housing Bubble Story: Mortgage Securitization, The State, and the Global Financial Crisis". *International Journal of Urban and Regional Research*. 38 (1): 256-284
- Rosen, G. and Walks, Alan (2013) "Rising Cities: Condominium Development and the Private Transformation of the Metropolis". *Geoforum*. 49:160-172
- Walks, Alan (2013) "Suburbanism as a Way of Life, Slight Return". *Urban Studies*. 50 (8): 1471-1388.
- Walks, Alan (2013) "Mapping the Urban Debtscape: The Geography of Household Debt in Canadian Cities". *Urban Geography*. 34 (2): 153-187
- Walks, Alan (2010) "Bailing Out the Wealthy: Responses to the Financial Crisis, Ponzi Neoliberalism, and the City". *Human Geography*. 3 (3): 54 – 84
- Walks, Alan (2010) "Electoral Behaviour Behind the Gates: Partisanship and Political Participation among Canadian Gated Community Residents". *Area*. 42 (1): 7-24
- Walks, Alan (2009) "The urban in fragile, uncertain, neoliberal times: towards new geographies of social justice? ". *Canadian Geographer*. 53 (3): 345-356
- Walks, Alan, and August, M. (2008) "The Factors Inhibiting Gentrification in Areas with Little Non-Market Housing: Policy Lessons from the Toronto Experience ". *Urban Studies*. 45 (12): 2594-2625
- Walks, Alan and Maaranen, R. (2008) "Gentrification, Social Mix and Social Polarization: Testing the Linkages in Large Canadian Cities". *Urban Geography*. 29 (4): 293-326
- Walks, Alan. (2008) "Urban Form, Everyday Life, and Ideology: Support for Privatization in Three Toronto Neighbourhoods". *Environment and Planning A*. 40 (2): 258-282
- Walks, Alan. (2007). "The Boundaries of Suburban Discontent? Urban Definitions and Neighbourhood Political Effects". *The Canadian Geographer*. 51 (2): 160 – 185.
- Walks, Alan (2007). "From Suburbanization to Super-Regions: The Political Challenge Facing Canadian Metropolitan Areas and their Central Cities. *Plan Canada*. 47 (3): 19 – 24
- Walks, Alan. (2006) "The Causes of City-Suburban Polarization of the Vote? A Canadian Case Study". *Annals of the Association of American Geographers*. 96 (2): 390 - 414
- Walks, Alan, and Bourne, L.S. (2006) "Ghettos in Canadian Cities? Racial Segregation, Ethnic Enclaves & Poverty Concentration in Canadian Urban Areas". *Canadian Geographer*. 50 (3): 273-297

Walks, Alan (2006). "Aestheticization and the Cultural Contradictions of Neoliberal (sub)Urbanism". *Cultural Geographies*. 13 (3): 466-475 (Review Essay)

Walks, Alan. (2005) "City-Suburban Political Polarization in Great Britain, 1950 – 2001". *Transactions of the Institute of British Geographers*. 30 (4): 500 – 517.

Walks, Alan. (2005) "The City-Suburban Cleavage in Canadian Federal Politics". *Canadian Journal of Political Science*. 38 (2): 383 - 413

Walks, Alan. (2004) "Place of Residence, Party Preferences, and Political Attitudes in Canadian Cities and Suburbs". *Journal of Urban Affairs*. 26 (3). 269 – 295.

Walks, Alan. (2004) "Suburbanization, the Vote, and Changes in Federal and Provincial Political Representation and Influence between Inner Cities and Suburbs in Large Canadian Urban Regions, 1945 to 1999". *Urban Affairs Review*. 39 (4). 411 – 440.

Bunting, T., Walks, Alan, and Filion, P. (2004). "The Uneven Geography of Housing Affordability Stress in Canadian Metropolitan Areas". *Housing Studies*. 19 (3). 361-393.

Walks, Alan. (2001) "The Social Ecology of the Post-Fordist/ Global City? Economic Restructuring and Socio-Spatial Polarisation in the Toronto Urban Region". *Urban Studies*. 38 (3). 407 - 447.

## **B. Books and/or Book Chapters**

### **B1 Books**

Walks, Alan (Ed.) (2015) *The Urban Political Economy and Ecology of Automobility: Driving Cities, Driving Inequality, Driving Politics*. London: Routledge (15 Chapters)

Sellers, J., Kubler, D., Walter-Rogg, M. and Walks, Alan (Eds.) (2013) *The Political Ecology of the Metropolis*. Colchester, UK: ECPR Press (New York: Columbia University Press, in USA) (14 Chapters)

### **B2 Book Chapters**

Walks, Alan and Simone, Dylan (Accepted/forthcoming) Unequal and Volatile Urban Housing Markets. Chapter in Linda Peake and Alison Bain (Eds.) *Urbanization in a Global Context: A Canadian Guide*. Toronto: Oxford University Press (9,000 words)

Walks, Alan (2015) "Growing Divisions: Inequality, Neighbourhood Poverty, and Homelessness in the Canadian City". Chapter in Filion, P. and Moos, M. (Eds.) *Canadian Cities in Transition, 5<sup>th</sup> Edition*. Oxford University Press. pp. 151-175

Rosen, G. and Walks, Alan (2015) "Beyond Gating: Condo-ism as New Way of Urban Life". Chapter in Bagaeen, S. and Uduku, O. (Eds.) *Beyond Gated Communities: Urban Gating and Soft Boundaries*. London: Routledge. pp. 154-169

Walks, Alan (2015) "Driving Cities: Automobility, Neoliberalism and Urban Transformation", **Chapter 1** in Walks, A. (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*. London: Routledge.

Walks, Alan (2015) "Driven into Debt? Automobility and Financial Vulnerability", **Chapter 4** in Walks, A. (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*. London: Routledge.

Walks, Alan and Tranter, P. (2015) "Driving Mobility, Slowing Down the Poor: Effective Speed and Unequal Motility". **Chapter in 7** in Walks, A (Eds.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*. London: Routledge.

Walks, Alan (2015) "Driving the Vote? Automobility, Ideology and Political Partisanship", **Chapter 11** in Walks, A. (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*. London: Routledge.

Walks, Alan, Siemiatycki, M., and Smith, M. (2015) "Political Cycles: Promoting Velomobility in the Auto-Mobile City", **Chapter 13** in Walks, A. (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*. London: Routledge.

Walks, Alan (2015) "Post-Automobility? Dealing with the Auto-City", **Chapter 15** in Walks, A. (Ed.) *Driving Cities, Driving Inequality, Driving Politics: The Urban Political Economy and Ecology of Automobility*. London: Routledge.

Walks, Alan. (2014) "Gentrification, Social Mix, and the Immigrant-Reception Function of Inner-City Neighbourhoods: Evidence from Canadian Globalizing Cities". Chapter in K. Good, P. Triadafilopoulos, and L. Turgeon, (Eds.), *Segmented Cities: How Urban Contexts Shape Ethnic and Nationalist Politics*. Vancouver: UBC Press. 81-114

Walks, Alan (2013) "The Changing Political Ecology of Metropolitan Britain". Chapter 4 in Sellers, Kubler, Walter-Rogg, and Walks (Eds.) *The Political Ecology of the Metropolis*. Colchester, UK/ New York, USA: ECPR/Columbia University Press. pp 129 - 164

Walks, Alan (2013) "Metropolitan Political Ecology and Contextual Effects in Canada". Chapter 3 in Sellers, Kubler, Walter-Rogg, and Walks (Eds.) *The Political Ecology of the Metropolis*. Colchester, UK/ New York, USA: ECPR/Columbia University Press. pp 187 - 128

Sellers, J., and Walks, Alan (2013) "Introduction: The Metropolitanization of Politics". Chapter 1 in Sellers, Kubler, Walter-Rogg, and Walks (Eds.) *The Political Ecology of the Metropolis*. Colchester, UK/ New York, USA: ECPR/Columbia University Press. pp 1-36

Sellers, J., Keublar, D., Walks, Alan, and Walter-Rogg, M. (2013) "Conclusion: Metropolitan Sources of Political Behaviour". Chapter 13 in Sellers, Kubler, Walter-Rogg, and Walks (Eds.) *The Political Ecology of the Metropolis*. Colchester, UK/ New York, USA: ECPR/Columbia University Press. pp 425 - 484

Walks, Alan (2011) "Economic Restructuring and Socio-Spatial Polarization in the 21st Century Canadian City". Chapter in Hutton, T., Shearmur, R. et al. (Eds.) *Canadian Urban Regions: Trajectories of Growth and Change*. Oxford University Press. 125-159

August, M. and Walks, Alan. (2011) "From Social Mix to Political Marginalization? The Redevelopment of Toronto's Regent Park and the Dilution of Tenant Organizational Power". Chapter 15 in G. Bridge, T. Butler, and L. Lees. (Eds) *Mixed Communities: Gentrification by Stealth?* London: Policy Press. 273-297

Bourne, L.S. and Walks, Alan (2011) "Segregation: An Inquiry". Chapter 39 in J.A. Agnew, and J.S. Duncan (Eds.), *The Companion to Human Geography*. London: Wiley-Blackwell. 534-546

Walks, Alan (2010) "New Divisions: Social Polarization and Neighbourhood Inequality in the Canadian City". Chapter 10 in Bunting, T.E. and Filion, P. (Eds.) *Canadian Cities in Transition, 4<sup>th</sup> Edition*. Oxford University Press.

Bourne, L.S. and Walks, Alan (2010) "Challenges and Opportunities in the 21st Century City" Chapter in Bunting, T.E. and Filion, P. (Eds.) *Canadian Cities in Transition, 4<sup>th</sup> Edition*. Oxford U. Press.

Walks, Alan. (2006) "Homelessness, The New Poverty, and Housing Affordability", in T.E. Bunting and P. Filion (Eds.), *Canadian Cities in Transition, 3<sup>rd</sup> Edition*. Oxford: Oxford U Press. 419 – 437.

## 8. Non-Refereed Publications:

### D. Research Reports

Walks, Alan (2015) *Assessing and Measuring the Factors Affecting Mobility, Transportation Accessibility, and Social Need: Barriers to Travel among those with Low Income and Other Vulnerable Groups*. Toronto: Metrolinx.

Walks, Alan (2013) *Income Inequality and Polarization in Canada's Cities: An Examination and New Form of Measurement*. Toronto: University of Toronto Cities Centre Research Paper No. 227.

Smith, M. and Walks, Alan (2013) *Visible Minority Electability in Urban Local Government in Ontario*. CERIS: CERIS Working Paper No. 97

Walks, Alan (2012) *Canada's New Federal Mortgage Regulations: Warranted and Fair?* Toronto: University of Toronto Cities Centre. Cities Centre Research Bulletin #46.

Walks, Alan (2012) *Anything But Scattered: The Proposed Sale of Toronto Community Housing's "Scattered-Site" Housing, and Implications for Building an Inclusive Toronto*. Toronto: University of Toronto Cities Centre Policy Brief

Walks, Alan (2010) *Inequality in Toronto*. Toronto: University of Toronto Cities Centre. Cities Centre Discussion Paper #11.

Walks, Alan, and Maaranen, R. (2008) *The Timing, Patterning, and Forms of Gentrification and Neighbourhood Upgrading in Toronto, Montreal and Vancouver, 1961 – 2001*. Toronto: University of Toronto Cities Centre. Research Report 211. (110 pages)

Walks, Alan, and Maaranen, R. (2008) *Neighbourhood Gentrification and Upgrading in Montreal, Toronto, and Vancouver*. Toronto: Cities Centre. Research Bulletin #43.

Bunting, T. E., P. Fillion, and Walks, Alan (2002) *Households at Risk of Homelessness: Distributional Patterns within Eleven Canadian Metropolitan Regions*. Ottawa: National Secretariat on Homelessness, Government of Canada. (249 pages)

## E. Book Reviews

Walks, Alan (Accepted/ In Press) Review of "Debt to Society: Accounting for Life under Capitalism", by Miranda Joseph. *Economic Geography*.

Walks, Alan (Accepted/ Forthcoming) Review of "The Public City: Essays in Honour of Paul Mees", Edited by Brendan Gleeson and Beau B. Beza. *Planning Theory and Practice*.

Walks, Alan (Accepted/ Forthcoming) Review of "Social Mix and the City", by Kathy Arthurson. *Articulo – Journal of Urban Research*.

Walks, Alan (2011) Review of "Planning Sustainable Cities: Global Report on Human Settlements, 2009", by UN-Habitat 2009. *Population, Space, and Place*. 17 (3): 290–292

Walks, Alan (2010) Review of "Naked City: The Death and Life and Authentic Urban Places" by Sharon Zukin. *Regional Studies*. 44 (5): 659-661

Walks, Alan. (2008) Review of *Toronto Sprawls: A History* by Lawrence Solomon. *Ontario History*. Spring, C(1): 110-112

Walks, Alan (2007) Review of *Planet of Slums* by Mike Davis. *Development & Change* 38(5): 965-967

Walks, Alan. (2006). Review of *City Politics, Canada* by James Lightbody *Canadian Journal of Political Science*. 39 (3): 706-707

Walks, Alan. (2006) Review of *Suburban Century: Social Change and Urban Growth in England and the USA* by Mark Clapson. *Journal of Urban Affairs*. 28 (2): 195 – 197.

Walks, Alan (2006) Review of *New State Spaces* by Neil Brenner. *Annals of the Association of American Geographers*. 96 (1): 227-229

Walks, Alan. (2005) Review of *Conservatism in Crisis? Anglo-American Conservative Ideology After the Cold War*, by Bruce Pilbeam. *Environment and Planning C: Government and Policy*. 313-315

Walks, Alan (2005) Review of *City: Urbanism and Its End* by Douglas Rae. *Urban Affairs Review*. 40 (3). 406 – 409

Walks, Alan. (2003) Review of *Fenced Off: The Suburbanization of American Politics* by J. F. Gainsborough. *Environment and Planning C: Government and Policy*. 21 (1). 157 – 158.

#### **F. Op-Eds, Comments, Editorials, and Encyclopedia Entries**

August, M. and Walks, A. (Accepted/Forthcoming) “Urban Redevelopment” in Castree, N., Kobayashi, A. Goodchild, M., Liu, W., Marston, D., and Richardson, D. (Eds.) *The International Encyclopedia of Geography*. New York: Wiley. 12 pages (Note: 15-volume work, refereed).

Hulchanski, D., Murdie, R., Walks, A. and Bourne, L.S. (2013) “Canada’s voluntary survey (NHS) is worthless. Here’s Why”. *Globe and Mail*. Oct 4. <http://www.theglobeandmail.com/commentary/canadas-voluntary-census-is-worthless-heres-why/article14674558/>

May, J. and Walks, Alan (2011) “Homelessness”, in B. Warf (Ed.) *Encyclopedia of Geography*. London: Sage.

Walks, Alan (2005) “Social Inequality”, and “Central City”, in R. Caves (Ed.) *Encyclopedia of the City*. London: Routledge. Pages 48, 418 – 419

Walks, Alan. (2005). “Canadian Perspectives on the U.S. Election (Comment)”. *Progressive Planning*. 162 (1): 9 – 10.

#### **G. Special Reports Prepared for Government Bodies**

Walks, R. Alan (2013) “Canada Growing Unequal: The Evidence and the Need for Labour Market and Tax Reform”. Policy report produced for and submitted to the *House of Commons Standing Committee on Finance, Government of Canada*

### **10. A. Paper and Panel Presentations at Scholarly Meetings and Symposia.**

Walks, Alan (2016) “Changing Social and Spatial Inequalities in Household Wealth in Canada since the Global Financial Crisis: Empirical Analysis and Theoretical Implications”. Paper presented at the annual meeting of the *American Association of Geographers (AAG)* San Francisco, USA., April 1, 2015

Walks, Alan (2015) “Driving into Debt? Suburbanization, Automobility, and Household Finance”. Paper presented at the *Royal Geographical Society – Institute of British Geographers (RGS-IBG)* annual meeting, Exeter, England, UK, September 4, 2015.

Walks, Alan (2015) “The New ‘Subprime’? The Debts of Automobility and the Future(s) of the Suburbs”. Paper presented at the annual meeting of the *Canadian Association of Geographers (CAG)* Vancouver, BC., June 3, 2015.

Walks, Alan (2015) “Asset-Based Welfare and the Neighbourhood Segregation of Wealth”. Paper presented at the annual meeting of the *American Association of Geographers (AAG)* Chicago, Ill., April 23, 2015.

Rosen, G., and Walks, Alan (2015) “Toronto’s Condo-builders: Mindset, Visions and Development Strategies”. Paper presented at the annual meeting of the *American Association of Geographers (AAG)* Chicago, Ill., April 23, 2015

Walks, Alan (2014) “Inequality and Polarization in Canada’s Cities”. Special presentation at the annual meeting of the *Neighbourhood Change Research Partnership* Toronto, October 16, 2014

Walks, Alan (2014) “Neighbourhood Segregation of Wealth, Housing and Class in Canadian Cities”. Paper presented at the annual meeting of the *Canadian Association of Geographers (AAG)* St Catharines, ON, May 28, 2014

- Simone, D., and Walks, Alan (2014) “Predatory Finance in Canada? A View from the Marginalized”. Paper presented at the annual meeting of the *Canadian Association of Geographers (AAG)* St Catharines, ON, May 29, 2014
- Walks, Alan, Rosen, G., Godfryd, E., and Ilves, E. (2014) “The Political Geography of Condo-ism: Partisanship, Ideology and the Private Transformation of the Metropolis”. Paper presented at the annual meeting of the *American Association of Geographers (AAG)* Tampa, Florida, April 11, 2014.
- Simone, D., and Walks, Alan (2014) “Analyzing Household Indebtedness and Socio-Spatial Polarization in Canadian Cities”. Paper presented at the annual meeting of the *American Association of Geographers (AAG)* Tampa, Florida, April 8, 2014.
- Walks, Alan (2013) “Automobility and the Politics of Canadian Suburbs”. Paper presented at the *Global Suburbanisms – A Suburban Revolution* conference, organized by Dr. Roger Keil at York University, Toronto, Sat. September 28 2013.
- Walks, Alan (2013) “Driven into Debt? Accessing the Financial Legacy of Automobility and 20<sup>th</sup> Century Suburbanism”. Paper presented at the annual meeting of the *Canadian Association of Geographers (CAG)*. St Johns, NL. August 15, 2013.
- Walks, Alan (2013) “Unequal Motility: A New Measure of Mobility-Based Inequality”. Paper presented at the *Canadian Sociology Association (CSA)* annual meeting, Victoria, BC, June 6 2013
- Walks, Alan (2013) “Neoliberalism, Mortgage Securitization, and the Canadian Context”. Presentation at the Panel Comparative Policy Analysis, organized by Dr. Richard Peet at the *Association of American Geographers (AAG)* annual meeting, Los Angeles, CA, USA, April 12, 2013
- Walks, Alan (2013) “From Ponzi Neoliberalism to Highly-Indebted Neighbourhoods: The Political Geography of Household Debt in Canadian Cities”. Paper presented at the *Association of American Geographers (AAG)* annual meeting, Los Angeles, CA, USA, April 9, 2013
- Walks Alan (2012) “The Political Economy of Mortgage Securitization in Canada”. Paper presented to the *Society for the Advancement of Social Economics (SASE)* annual meeting. Boston, Massachusetts, USA, June 28, 2012.
- Walks, R. Alan (2012) “Gentrification vs Revitalization: Addressing and Responding to the Socio-Economic Implications of Urban Development”. Presentation by special invitation from Jennifer Keesmat (current Chief Planner and Executive Director of the Planning Department, City of Toronto, was previously Principal, DIALOG), at the *Transforming and Revitalizing Downtown* conference. Hamilton, June 6, 2012
- Walks, R. Alan (2012) “The Geography of Household Debt in Canadian Cities”. Presentation at the *Canadian Association of Geographers (CAG)* annual meeting, Waterloo, ON, Canada, June 1, 2012
- Walks, Alan (2012) “Financialization in Canada: Mortgage Securitization, the State, and Household Debt”. Paper presented at the *Association of American Geographers (AAG)* annual meeting, New York, NY., USA, February 25, 2012.
- Walks, Alan (2012) “Future Suburbanism”, Presentation at the Panel *Suburbanism and the Future*, organized by M. Moos and A. Walks at the *Association of American Geographers (AAG)* annual meeting, New York, NY., USA, February 27, 2012.
- Smith, M. and Walks, Alan (2012) “Visible Minority Electability in At-large Electoral Systems: A Vancouver Case Study”. Paper presented at the *14 Annual Metropolis Conference (CERIS)* Toronto, March 4, 2012.
- Rosen, G. and Walks, Alan (2012) “The Condo as Way of Life”. Paper presented at *Urban Affairs Association (UAA)* annual meeting. Pittsburgh, P.A., USA. April 19, 2012. (refereed Abstract)



Walks, Alan (2011) "The Scaling of Socio-Spatial Polarization in Toronto: Toronto's 'Three Cities'". Paper presented at *Centre and Periphery in a Federated Structure: Canada and the EU* conference. York University, Sat. Sept. 24, 2011.

Walks, Alan (2011) "Canadian Suburbs and New Political Realities". Presentation at the Panel on *Global Suburbanisms*, at the annual meeting of the *Canadian Political Science Association (CPSA)*. Waterloo, May 13, 2011

Walks, Alan (2010) *Canada's Housing Bubble, Neoliberalism, and the Canadian State: An Empirical and Theoretical Exploration*. Paper presented at *Crisis of Capital, Crisis of Theory*, conference. York University, Toronto, October 30, 2010. (refereed Abstract)

Walks, Alan (2010) *Neoliberal Restructuring, Urban Governance and Place Inequality in Canada's Metropolitan Areas: An Empirical Examination*. Paper presented at the **Association of American Geographers (AAG)** annual meeting, Washington, D.C., USA, April, 2010.

Walks, Alan (2010) *The Restructuring of Urban Governance and Place (In)Equality in Canada's MTV Metropolitan Regions*. Paper presented to the **Urban Affairs Association**, Honolulu, Hawaii, USA, March, 2010. (refereed abstract)

Walks, Alan (2009) *Gentrification, Social Mix, and the Immigrant-Reception Function of Inner-City Neighbourhoods: An Updated Analysis, 1971 - 2006*. Paper presented at **American Political Science Association (APSA)** annual meeting, Toronto, Sept., 2009 (by special invitation, refereed abstract)

Walks, Alan (2009) *Metropolitanization and the Restructuring of Urban Governance in Canadian Metropolitan Areas 1971 - 2006* Paper presented at the annual meeting of the **American Political Science Association (APSA)** annual meeting, Toronto, Sept. 4, 2009 (refereed abstract)

Walks, Alan (2009) *Metropolitan Local Governance and the Geography of Urban Inequality in Canada's Cities: Redistributive Effects in MTV*. Paper presented at the annual meeting of the **Canadian Association of Geographers (CAG)**, Ottawa, May 30, 2009

Walks, Alan (2009) *Metropolitan Governance and Inter-Municipal Inequality in Canada's MTV Urban Regions*. Paper presented at the **International Metropolitan Observatory (IMO)** conference on the "Metropolitan Inequality and Governance in Global Perspective", Los Angeles, U.S.A, January 31, 2009. By special invitation.

August, M. and Walks, Alan (2009) *From Social Mix to Political Marginalization? The Redevelopment of Toronto's Regent Park and the Dilution of Tenant Organizational Power*. Paper presented to the **ESRC Special Conference on Gentrification and Social Mix**, Edinburgh, UK. February 20, 2009. By special invitation.

Walks, Alan (2008) *From Gentrification to Social Mix, or Social Polarization? Evidence from Canadian Cities: An Update and Expansion*. Paper presented at **International Sociological Association (ISA)** annual meeting, Barcelona, Spain, Sept. 6, 2008 (refereed abstract)

Walks, Alan (2008) *Growing Income Inequality and Polarization in Canada's Cities and New Forms of Measurement*. Paper presented at the annual meeting of the **Canadian Association of Geographers (CAG)**, Quebec City, May 23, 2008

Walks, Alan (2008) *The Partisanship and Ideology of Gated Community Residents in Canada*. Paper presented at the annual meeting of the **Canadian Association of Geographers (CAG)**, Quebec City, May 22, 2008

Walks, Alan, and Maaranen, R. (2008) *Growing Social Inequality and Polarization in Canadian Cities 1971 to 2001*. Paper presented at the **Urban Affairs Association (UAA)** annual meeting, Baltimore, MD, April 24, 2008. (Refereed Abstract)

Walks, Alan (2008) *The Good Political Community? New Urbanism and Neighbourhood Political Effects*. Paper presented at the **Association of American Geographers (AAG)** annual meeting, Boston, MA, April 19, 2008.

Walks, Alan, and Maaranen, R. (2008) *Growing Income Inequality and Polarization in Canada's Cities: An Examination and New Form of Measurement*. Paper presented at the **Association of American Geographers (AAG)** annual meeting, Boston, MA, April 18, 2008.

Walks, Alan (2008) *Partisanship and Ideology in Canadian Gated Communities*. Paper presented to the 1<sup>st</sup> **A Suburban World** conference, Reston, Virginia (Washington, D.C.), April 8, 2008.

Walks, Alan (2008) *From Suburban Habitus to Political Ideology? Explaining City-Suburban Political Polarization in Canada*. Paper presented to the 1<sup>st</sup> **A Suburban World** conference, Reston, Virginia (Washington, D.C.), April 7, 2008. (Refereed Abstract). (Note: I was specially invited to organize the session on *Politics in Suburbia* and to submit this paper)

Walks, Alan (2007) *Political Participation and Partisanship in Gated Communities: A Canadian Case study*. Paper presented to the 4<sup>th</sup> bi-annual conference on **Private Urban Governance**, Paris, France, June 6, 2007. (Refereed Abstract).

Walks, R. Alan (2007) *The Political Implications of the Growth of Gated Communities*. Paper presented to the **Urban Affairs Association (UAA)** annual meeting, Seattle, Wash., April 28, 2007. (Refereed Abstract).

Walks, Alan, Bourne, L.S., and Maaranen, R. (2007) *Neighbourhood Social Polarization in Canadian Cities under Globalization, Neo-Liberalism, and Economic Restructuring*. Paper presented to the annual meeting of the **Urban Affairs Association**, Seattle, Wash., April 26, 2007. (Refereed Abstract).

Walks, Alan (2007) *The Politics of Gated Community Residents*. Paper presented to the annual meeting of the **Association of American Geographers (AAG)**, San Francisco, C.A., April 21, 2007.

Walks, Alan (2007) *The Changing Political Ecology of Metropolitan Britain*. Paper presented at the **International Metropolitan Observatory (IMO)** conference on the "Political Ecology of the Metropolis", Stuttgart, Germany, January 26, 2007. By special invitation.

Walks, Alan, and Maaranen, R. (2006) *Gentrification, Social Mix, and Social Polarization in Canadian Cities, 1961 to 2001*. Paper presented to the **North American Regional Science Association (NARSC)** annual meeting. Toronto, ON., November 17, 2006.

Walks, Alan (2006) *From Gentrification to Social Mix? Neighbourhood Revitalization and the Dynamics of Social Polarization in Large Canadian Cities*. Paper presented to the **Associate Collegiate Schools of Planning (ACSP)** annual meeting, Fort Worth, Texas, November 9, 2006. (Refereed Abstract).

Walks, Alan (2006) *The new zonal structure of Canadian urban electoral behaviour*. Paper presented to the **Canadian Association of Geographers (CAG)** annual meeting, Thunder Bay, ON., May 30, 2006.

Walks, Alan (2006) *Urban form, everyday life, and ideology: Support for privatization in three Toronto neighbourhoods*. Paper presented to the **Urban Affairs Association (UAA)** annual meeting, Montreal, P.Q., April 22, 2006. (Refereed Abstract).

Walks, Alan, and Maaranen, R. (2006) *Does Gentrification Lead to Neighbourhood Polarization? Canadian Evidence*. Paper presented to the **Urban Affairs Association (UAA)** annual meeting, Montreal, P.Q., April 21, 2006. (Refereed Abstract).

Walks, Alan and Bourne, L.S. (2006) *The shifting concentrations of neighbourhood affluence and poverty in Canada's urban system under globalization, neo-liberalism, and economic restructuring*. Paper presented to the **Association of American Geographers (AAG)** annual meeting, Chicago, IL., March 9, 2006.

- Walks, Alan (2005) *The Causes of City-Suburban Political Polarization? A Canadian Case Study*. Paper presented to the **Associate Collegiate Schools of Planning (ACSP)** annual meeting, Kansas, M.O.: Oct. 29. (Refereed Abstract).
- Walks, Alan, and Bourne, L. (2005) *Ghettos in Canadian Cities? Racial Segregation, Ethnic Enclaves and Poverty Concentration in Canadian Urban Areas*. Paper presented to the **Canadian Association of Geographers (CAG)** annual meeting. London, ON, June 3.
- Walks, Alan (2005) *Suburbs to the Right? Intra-Urban Political Polarization in Britain*. Paper presented to the **Canadian Regional Science Association (CRSA)** annual meeting. Toronto, June 4.
- Walks, Alan and Bourne, L.S. (2005) *Ghettos in Canadian Cities? Racial Segregation, Ethnic Enclaves and Neighbourhood Poverty in Canada*. Paper presented to the annual meeting of the **Urban Affairs Association (UAA)**, Salt Lake City, Utah, April 16, 2005. Refereed Abstract.
- Walks, Alan (2005) *Urban Space, Lifestyle, and Support for Privatization: A Toronto Case Study*. Paper presented to the annual meeting of the **Association of American Geographers (AAG)**, Denver, C.O., April 7, 2005.
- Walks, Alan and Bourne, L. S. (2004). *Ghettos in Canadian Cities? Racial Segregation, Ethnic Enclaves and Poverty Concentration in Canadian Urban Areas*. **Associate Collegiate Schools of Planning** annual meeting, Portland, OR., Oct. 23. Refereed abstract.
- Walks, Alan. (2004) *The Boundaries of Suburban Discontent? City-Suburban Political Polarization Under Different Zonal Definitions*. **Canadian Association of Geographers Ontario chapter (CAGONT)** annual meeting, Waterloo, ON. University of Waterloo, Oct. 30.
- Walks, Alan (2004) *The Causes of City-Suburban Political Polarization in Canada*. **Canadian Association of Geographers** annual meeting, Moncton, N.B. May 28.
- Walks, Alan (2004) *The Causes and Context of Intra-Urban Political Polarization in Canadian Cities*. **Urban Affairs Association** annual meeting, Washington, D.C. April 1. Refereed abstract.
- Walks, Alan (2004) *Collective Consumption, Suburbanization, and the Welfare State: Revisiting Castells' Theory in Light of Decades of Neoliberalism*. **Association of American Geographers** annual meeting, Philadelphia, P.A., March 15.
- Walks, Alan (2003) *Suburbs, Cities and the Welfare State: The Implications of Diverging Political Values in Canadian Metropolitan Areas*. **Canadian Association of Geographers, annual meeting**, Victoria, B.C., May 29.
- Walks, Alan (2003) *Place of Residence, Party Preferences, and Political Attitudes in Canadian Cities and Suburbs*. **Urban Affairs Association**, annual meeting, Cleveland, OH., March 29.. Refereed Abstract. Note: Winner of **Best Paper Award**.
- Walks, Alan (2003) *The Intra-Urban Geography of Political Values in Large Canadian Cities*. **Association of American Geographers**, annual meeting, New Orleans, L.A., March 5..
- Walks, Alan (2002) *Suburbanization, Segregation, and the Vote: An Examination of the Impact of Residential Location on Political Attitudes in Canadian Cities*. **Canadian Regional Studies Association** annual meeting, Toronto, June 1.
- Walks, Alan. (2002) *Are the Suburbs 'Taking Over Canada'? Shifts in City and Suburban Political Representation and Influence in Canada's Largest Urban Areas*. **Canadian Association of Geographers** annual meeting, Toronto, June 1.
- Bunting, T., P. Filion, and Alan Walks (2002). *The Economic Locus of Homelessness: Inner City or Suburbs?* **Canadian Association of Geographers**, annual meeting, Toronto, May 29.

Walks, Alan (2002) *Does 'Post-Suburban' Politics mean a 'War Against the Cities'?* *Suburban Growth and Changes in Urban and Social Policy: The Evidence from Canada*. **Urban Affairs Association** annual meeting, Boston, Massachusetts, March 22. (Refereed Abstract).

Walks, Alan. (2001) *Social Ecology, Transportation Accessibility and Air Pollution: New Modes of Inequality in the Post-Fordist Urban Form?* **Canadian Association of Geographers** annual meeting, McGill University, Montreal, Quebec, June 3.

Walks, Alan. (2001) *The Politics of Urban Spatial Structure: Changes in Federal and Provincial Political Representation and Influence between Central Cities and Suburbs in Three Canadian Cities, 1945 to 1999*. **Urban Affairs Association** annual meeting, Detroit, Michigan, April 26.

Walks Alan, and Sanschagrin, J. (2001) *Globalization or the State? Occupational Restructuring and Shifts in the Spatial Patterning of Inequality in Canadian Cities, 1971 to 1996*. **Association of American Geographers** annual meeting, New York, New York, March 2..

Walks, Alan. (2000). *Has the Welfare State Made A Difference? Government Transfers and The Ecology of Income in the Toronto Urban Region*. **Canadian Association of Geographers Ontario Chapter (CAGONT)** annual meeting, University of Toronto at Scarborough, Nov. 4.

## **B. Papers and Panel Sessions Organized at Meetings and Symposia.**

(2015) "Geographies of Financialization and Debt". **Two** paper sessions organized for the **Canadian Association Geographers (AAG)** meeting, Vancouver, BC., June 3 2015. Organizer: Alan Walks

1. Geographies of Financialization and Debt 1: Real Estate Connections
2. Geographies of Financialization and Debt 2: Urban Everyday Life

(2015) "Condo-ism (I and II): Corporate Governance, Legal Consciousness, Financialization, and Urban Life". **Two** paper sessions organized for the **American Association Geographers (AAG)** meeting, Chicago, Ill., April 23 2015. Co-organizers: Alan Walks & Setha Low (CUNY-Grad C)

(2014) "Housing and Neighbourhood Change: Wealth, Poverty and Social Implications". Paper session organized for the **Canadian Association Geographers (AAG)** meeting, St Catharines, ON, May 28, 2014. Co-organizers: David Ley (UBC) and Alan Walks

(2014) "Condo-ism (I and II): The Production of Urban Space, Legal Structures, and Sociopolitical Relations". Two paper sessions organized for the **American Association Geographers (AAG)** annual meeting, Tampa, Florida, April 11, 2014. Organizers: Alan Walks and Setha Low (CUNY-Grad Centre)

(2011) "Suburbanism and the Future". Panel session organized for the **American Association Geographers (AAG)** annual meeting, New York, February 27, 2012. Organizers: Markus Moos and Alan Walks

(2009) "Political Ecology of the Metropolis". Paper session organized for the **American Political Science Association (APSA)** annual meeting, Toronto, Sept. 4, 2009. Sole organizer and moderator: Alan Walks

(2008) "Politics in Suburbia". Paper session organized for the 1<sup>st</sup> **A Suburban World** conference, Washington, D.C., April 7, 2008. Sole organizer and moderator: R. Alan Walks

(2006) "Neighbourhood Change in Canadian Cities". Paper session organized for the North American **Regional Science Association (NARSC)** annual meeting, Toronto, Toronto, ON., November 17, 2006.

(2004) “The Canadian Urban Experience I: Polarization, Place, Policy”, and “The Canadian Urban Experience II: Post-modern Dynamics and Agendas”. Paper sessions organized for the **Canadian Association of Geographers** annual meeting, University of Moncton, Moncton, N.B., May 28. Sole organizer and moderator: Alan Walks

(2002) “Canadian Cities: Myths and Realities”. *Paper* session organized for the **Canadian Association of Geographers** annual meeting, University of Toronto, Toronto, ON., June 1. Sole Organizer and Moderator: Alan Walks.

(2002) “The Myth of the Canadian City?”. *Panel* Session organized for the **Canadian Association of Geographers** annual meeting, University of Toronto, Toronto, ON., June 1. Sole Organizer and Moderator: Alan Walks.

## 11. Invited Lectures

Walks, Alan (2015) “Assessing and Measuring the Factors Affecting Mobility, Transportation Accessibility, and Social Need: The Barriers to Travel Among Those with Low Income”, *Metrolinx*, Lunch and Learn speaker series. April 30 2015.

Walks, Alan (2015) “Housing and Toronto’s Social Geography”, Talk and walking tour given to visiting students from *Utrecht University* (Netherlands) April 13 2015.

Walks, Alan (2015) “Generation Debt: Borrowing and the Future of Housing in North America”. Panel Presentation, *Housing the Future: Challenges and Opportunities Facing the Next Generation*. University of Waterloo. Waterloo, ON. January 29 2015

Walks, Alan (2014) “The New Urban Inequality: Housing Bubbles, Financialization, and Rising Indebtedness in Canada’s Cities”, *York University*, Geography Seminar Series, September 16 2014.

Walks, Alan (2014) “The New Urban Inequality: Ponzi Neoliberalism, the Emerging Urban Debtscape, and Generational Expropriation in Canada’s Cities”, *McMaster University*, Geography Speaker Series, March 5.

Walks, Alan (2014) “From Financial Crisis to Urban Debtscape: The Rise of Household Debt and the New Inequality in Canada’s Cities”, *Brock University*, Geography Seminar Series, Feb. 26

Walks, Alan (2013) The Social Geography of Toronto. Special Lecture and Walking Tour to visiting students and faculty of the *University of Utrecht, Netherlands*, April 16, 2013

Smith, M. and Walks, Alan (2013) “Visible Minority Electability in Urban Local Government in Ontario”. Invited Paper presentation at the *Ontario Centre for Excellence in Immigration and Settlements (CERIS)* York University, Toronto, February 28, 2013

Walks, Alan (2012) Invited Panel Presentation and Adjudication. *City of Mississauga Healthy City Stewardship Centre, Cycle Mississauga Strategy*. University of Toronto Mississauga, December 5, 2012

Walks, Alan (2012) Canada’s Housing Bubble, Socio-Spatial Inequality, and the Emerging Urban Debtscape. *Cities Centre* Lunch-Hour Presentation Series. Toronto: University of Toronto Cities Centre, September 28, 2012

Walks, Alan (2012) *Canada’s New Urban Reality. Re-Imagining Our Cities: Toward a Comprehensive Strategy for the Urban Economies of Southern Ontario*. Special Urban Summit. Schulich School of Business, York University and Toronto Reference Library. April 13, 2012.

Walks, Alan (2012) *Urban Development and Inequality in Toronto. Toronto, A World City: Meeting the Challenges*. Symposium, University of Toronto, April 12, 2012.

Walks, Alan (2012) *Gentrification in Toronto. Special Lecture and Bus Tour* to visiting students and faculty of the *University of Vienna*, Feb. 19, 2012.

Walks, Alan (2011) *Rob Ford and the Suburban Vote*. **Public Forum: Electionmania 2010/2011: Voting in the Inner Suburbs**. Organized by the Scarborough Civic Action Network (SCAN) and Social Planning Toronto, Scarborough, ON., Monday October 3, 2011.

Walks, Alan (2011) *Toronto: A Polarizing City*. **Special Lecture** to visiting students and faculty of the *University of Amsterdam*, June 29, 2011.

Walks, Alan (2010) *The New Urban Inequality? The Geography of Household Debt: A Perspective from Canada*. **Speaker Series**: University of Western Australia. April 20, 2011.

Walks, Alan (2010) *From Urban Social Polarization to Civic Secession? Gated Communities, Discourses of Privatism, and the Ascendance of Neoliberalism*. York University City Institute speaker series. **York University**. March 5, 2010

Walks, Alan (2008) *The Three Cities in Toronto: Toronto's Social Polarization*. Keynote speech at the Annual Spring Conference the **Community Development Institute (CDI)**. Toronto, April 25, 2008

Walks, Alan (2008) *The Three Cities in Toronto: From Social to Spatial Polarization*. Invited presentation, and as well participation on an expert roundtable, *Community Forum* organized by **The Family Services Association of Toronto**. Toronto, March 27, 2008

Walks, Alan (2006) *Gentrification: Processes, Implications, and Politics*. Invited presentation to **OISE (Ontario Institute for Studies in Education) Community Development Programme**. University of Toronto, March 17, 2006.

Walks, Alan (2005) *Walking Tour of Toronto's Old East End Streetcar Suburbs*. Presentation and tour for **University of Tokyo** graduate exchange students. Toronto, August 25, 2005.

Walks, Alan (2005) *Growth and Change in Toronto's Downtown Core*. Presentation and tour (walking and bus) for M.Ed. students of **Concord College** (West Virginia). Toronto, July 7, 2005

Walks, Alan (2004) *City-Suburban Political Polarization in Canada: Some Causes and Consequences*. Guest Talk for the **York University Geography and Urban Studies Colloquium Series**, Toronto, Nov. 9, 2004.

Walks, Alan (2004). *Toronto's Social and Political Geography*. Special Lecture for **Humboldt University** Graduate Student Field Trip. Toronto, Tuesday, July 20.

Walks, Alan (2004) *Walking Tour of Cabbagetown and Regent Park*, Toronto. Tour organized by **Association of Canadian University Planning Programs (ACUPP)** to correspond with the Canadian Institute of Planners (CIP) annual meeting, Toronto, July 10.

Walks, Alan (2003) *City-Suburban Political Polarization in Canada: The Importance of Place and Context*. Plenary Research Talk, **Villes Régions Monde, INRS-Urbanisation, Culture et Société**. Montreal, Québec. Friday, Nov. 28.(1.5 hours).

Bunting, T. E. and Alan Walks (2002) *The Geographic Locus of Economic Risk-of-Homelessness in Canadian Metropolitan Areas*. **Keynote Address** to the Annual Meeting of the **Canadian Association of Geographers, Ontario Chapter**, London, ON. Friday, Oct. 25.

D. **LIST OF COURSES, TEACHING AND SUPERVISION** (in preceding 5 years)

A. **Undergraduate courses taught**

In current position (all taught at *University of Toronto at Mississauga*):

**GGR 207 H: Cities, Urbanization, and Development** (*I designed this course*)

**GGR 276 H: Spatial Data Analysis and Mapping**

**GGR 349 H: Cities in Transition** (*I redesigned this course*)  
**GGR 361 H: City Planning and Development** (*I designed this course*)  
**GGR 380 H: Communicating with Maps** (*I redesigned this course*)  
**JEG 401 Y: Geography/Environment Internship**  
**GGR 417 Y: Research Project/ Honours Thesis**  
**GGR 420 H: Geography of Finance and Financial Crisis** (*I designed this course*)

**B. Graduate courses taught**

**JPG 1512 H: Place, Politics and The Urban** (*I designed this course*)  
**JPG 1507 H: Geography of Housing** (*I took over this in mid- course, Winter 2008 only*)  
**GGR 1610H: Geography of Finance and Financial Crisis** (*I designed this course*)

**C. Theses supervised**

**MASTERS**

*Successfully completed graduate Masters theses supervised (all as primary/sole supervisor):*

**Mercedes Sharpe-Zayas**, M.Sc.Pl. (Planning), defended April 2016  
**Stephanie Malcher**, M.Sc.Pl. (Planning), defended April 2016  
**Dylan Simone**, MA. (Geography), defended September 2014  
**Adriano Libaneo**, M.Sc.Pl. (Planning), defended April 2014  
**Sarah Hubbs**, M.Sc.Pl. (Planning), defended April 2014  
**Jessica Schmidt**, M.Sc.Pl. (Planning), defended April 2014  
**Matt Smith**, M.A. (Geography), defended September 2011  
**Trevor McKenzie-Smith**, M.A. (Geography), defended Jan. 7, 2010  
**Cameron Balfour**, M.A. (Geography), defended Jan. 5, 2010  
**Emily Reid-Musson**, M.A. (Geography), defended Sept. 14, 2009  
**Zachary Crafton**, M.A. (Geography), defended Nov. 16, 2007  
**Eerik Ilves**, M.A. (Geography), defended July 30, 2007  
**Martine August**, M.Sc.Pl (Planning), defended March 16, 2007  
**Leigh Snyder**, M.Sc.Pl (Planning), defended March 16, 2007  
**Miriam Barna**, M.Sc.Pl (Planning), defended March 9, 2007  
**Curtis Puncher**, M.A. (Geography), defended January 12, 2007.  
**Darren Crowell**, M.A. (Geography), defended September 22, 2006

*Successfully completed graduate Masters theses (as secondary advisor or examiner):*

**Adam Garcia**, M.Sc.Pl (Planning), defended April 2016  
**Andrew Picard**, M.Sc.Pl (Planning), defended April 2016  
**Adrian Pel**, M.A. (Geography), defended September 2015  
**Anna Procopio**, M.Sc.Pl (Planning), defended April 2015  
**Sarah Bradley**, M.Sc.Pl (Planning), defended April 2014  
**Daniel Girard**, M.Sc.Pl (Planning), defended April 2013  
**Maria Mukhtar**, M.A. (Geography), defended June 2013  
**Matt Talsma**, M.A. (Geography), defended September 2010  
**Katie Palmer**, M.A. (Geography), defended January 2010  
**Emily Watt**, M.A. (Geography), defended January 2010  
**Jenny Hill**, M.A. (Geography), defended November 2009  
**Stephanie Gris**, M.Sc.Pl.. (Planning), defended March. 2009  
**Joyce Kwang**, M.Sc.Pl.. (Planning), defended March. 2009  
**Antony Chum**, M.A.. (OISE), defended September 23 2008  
**Tanya Kumar**, M.A. (Geography), defended September 19 2008  
**J.P. Catungal**, M.A. (Geography), defended August 2007  
**Jason Cooke**, M.A. (Geography), defended September 28, 2006  
**Stephanie Wall**, M.Sc.Pl (Planning), defended March 17, 2006.  
**Peter Marsey**, M.A. (Geography), defended September 10, 2004.

*Ongoing:*

*MA thesis supervision ongoing (as primary supervisor or co-supervisor):*

**Sean Grisdale**, M.A. (Geography), March 2016+ (co-supervised with Dr. Andre Sorensen)

*MA thesis supervision as committee member:*

**Jeremy Withers**, M.A. (Geography), March 2016+ (supervisor: Dr. Katharine Rankin)

## **PhD**

*Completed:*

*Successfully **completed PhD** students/theses supervised:*

**Martine August**, Ph.D. (Planning), Defended January 6, 2014

**Greg Suttor**, Ph.D. (Planning), Defended May 2014

**Jeff May**, Ph.D. (Geography), Defended September 2013 (co-supervised with Sue Ruddick)

**Antony Chum**, Ph.D. (Geography), Defended September 2012

**Vanessa Parlette**, Ph.D. (Geography), Defended Sept. 2012 (co-supervised with Deb Cowen)

*Successfully **completed PhD** students/theses (as committee member/advisor):*

**Jason Cooke**, Ph.D. (Geography), Defended November 2013

**Josh Akers**, Ph.D. (Geography), Defended July 2013

**Paul Langlois**, Ph.D. (Geography), Defended September 2011

**Marvin Macaraig**, Ph.D. (Geography), Defended November 2012

*Ongoing:*

***Graduate PhD** thesis supervision ongoing (as primary **supervisor** or co-supervisor):*

**Dylan Simone**, PhD (Geography), Sept. 2014+

**Rebecca Osolen**, PhD (Planning), Sept. 2011+ (co-supervised with Paul Hess)

**Emily Reid-Musson**, Ph.D. (Geography), Sept. 2010+

**Paul Grise**, Ph.D. (Geography), July 2009+ (co-supervised with Debby Leslie)

***Graduate PhD** thesis supervision ongoing (as secondary advisor/ committee member):*

**Wendy Burton**, Ph.D. (Geography), Sept. 2007+ (still enrolled)

**Sally Turner**, Ph.D. (Geography), October 2008+ (lapsed)

**Eleanor Rae**, Ph.D. (Geography), January 2011+

**Sarah Nelson**, Ph.D. (Geography) January 2012+

**Katharine Perrott**, Ph.D. (Planning) September 2013+

**Julie Mah**, Ph.D. (Planning) February 2014+

## **UNDERGRADUATE**

*Successfully completed **undergraduate** theses supervised:*

**Seung (Terry) Chung**, B.A. (Geography), completed April 2016 (sole supervisor)

**Beata Palka**, B.A. (Geography), completed April 2009 (sole supervisor)

**Elvira Szpylma**, B.A. (Geography), completed April 2007 (sole supervisor)

**Renata Wasley**, B.A. (Geography), completed April 2007 (co-supervised w/ Kathi Wilson)

## **POST-DOCTORAL** (as primary supervisor)

**Gillad Rosen**, Post-Doctoral Fellow, Research Project: *Inner-City Intensification, Condominium Development and Private Urban Governance*. October 2008 to June 2010

## **D. Other teaching and guest lectures given**

Walks, R. Alan (2016), *Guest Lecture* on “The Urban Debtscape and the Geography of Subprime Lending and Foreclosure”, in GGR349, taught by Jason Kovacs, U.T.M., March 2016.

Walks, R. Alan (2008), *Guest Lecture* on “The Ecological Footprint of Cities”, in ENV100, taught by Marnie Branfireun, U.T.M., January 2008.



Walks, R. Alan (2007), *Guest Lecture* on “Planning Challenges in Global Cities”, in GGRC45 Local Geographies of Globalization, taught by Nathaniel Aguda, U.T.S.C., Spring 2007.

Walks, R. Alan (2007), *Guest Lecture* on “Gentrification Dynamics”, to CDS1100 Community Development, taught by Blake Poland and Daniel Shugarensky, OISE, Spring 2007.

Walks, R. Alan (2006), *Guest Lecture* on “Toronto’s Social Geography”, in JWU200H Toronto in the Canadian Context, Woodsworth College, Taught by Richard White, Summer 2006.

with Pierre Desrochers (2005) “From Tsunamis to Smog: Can We Save the Planet?” *Mini-lecture* for the U.T.M. March Break open house on Sunday March 13, 2005.

## E. ADMINISTRATIVE POSITIONS

### A. Within the University:

#### **University of Toronto Mississauga**

- July 2015 to present **Acting Chair**, UTM Geography
- Fall 2015, **Chaired** the UTM Geography **workload** committee
- August, 2012-June 2015 **Associate Chair**, UTM Geography
- June 2015 **Chaired CLTA search committee**, UTM Geography
- Oct 2014-February 2015, **Urban Geography faculty search committee**, UTM Geography
- Nov 2014-March 2015, Dean’s Representative, **Animal Physiology faculty search**, UTM
- Jan-April 2014, **Urban Geography faculty search committee**, UTM Geography
- June-October 2013, **Chair** of the **Joe Leydon Promotion Committee**, UTM Geography
- July, 2011-2013, **Human Geography Program Coordinator**, UTM Geography
- November 2012 – January 2013, **Human Geography Hiring Committee**, UTM
- September 2012 to present, service on the **UTM Writing Initiatives Committee** (ad-hoc)
- December 2012 – January 2013, **Teaching Committee**, Promotions Committee, UTM
- July-December 2011, **Human Geography Program Coordinator**, UTM Geography
- October-December 2011, **Teaching Committee**, Tenure Review Committee, UTM
- September-October 2011, **UTM Geography Workload Committee**, UTM Geography
- September 2011 to December 2011, service on the **UTM Library Committee**
- September 2009 to December 2010, service on the **UTM Library Committee**
- May 2010, service on the **PTR Teaching Committee**, UTM Geography
- February 2010 to April 2010, service on the **UTM Master Plan Committee**
- February 2009, served on the **CTEP evaluations committee** for UTM
- May 2008, served on the **PTR research committee**
- October 2009, and October 2005, served on the **OGS ranking committee**, UTM
- September 2005, served on the **UTM Chair Selection Committee** chaired by Dr. Cheryl Misak
- May 2005, served on the **PTR teaching committee**

#### **University of Toronto St. George**

- August 2015 to present. Member of the **Consultative Committee** for establishing a **new Urban Institute** at the University of Toronto. (Chair is Mark Fox, Faculty of Engineering). St. George.
- Sept 2015-Dec 2015 **Tri-Campus Workload Committee**, St. George Geography
- Sept 2014-April 2015 **Tri-Campus Graduate Program Committee**, St. George Geography
- Spring 2014, service on the **OGS Scholarships Ranking Committees**, St. George
- Fall 2012, service on the **External Scholarships Ranking Committees**, St. George
- March-July 2012, **St. George Chair Search Committee** (Faculty of Arts and Science)
- Fall 2010, service on the **SSHRC and OGS Ranking Committees**, St. George
- October 2009, service on the **SSHRC and OGS ranking Committee**, St. George
- Fall 2009 – Winter 2010, service on the **External Scholarships Committee**, St. George
- January 2009 to April 2009, service on the **Geography Graduate Admissions Committee**
- February 2009, service on the **McMaster Trust Scholarship Committee**
- Winter 2009, service on the **Planning Scholarships Committee**
- October 2008, served on the **SSHRC and OGS ranking Committee**
- January 2008 to present, service on the **Diversity Committee**

- September 2007 – May 2008, served on the **Intersections Speakers Series committee**
- January – April 2007, served on the **Geography Graduate Admissions Committee**
- January – April 2006, Served on **Planning and MUDS Graduate Admissions Committee**
- October 2005 – January 2006, Served as member of the **Urban Geographer Search Committee**, chaired by Dr. Joe Desloges

B. Outside the University:

- External reviewer, SSHRC application for the Political Science evaluation committee. **SSHRC**
- External reviewer, **AHURI (Australian Housing and Urban Research Institute)**
- External reviewer, **IRPP (Institute for Research on Public Policy)**
- External reviewer, **CCSD (Canadian Council on Social Development)**
- External reviewer, PhD Dissertation defense of Anna Kramer, **University of Waterloo**,  
Dissertation  
title: “Divergent Affordability: Transit Access and Housing in North American Cities”
- External reviewer, PhD Dissertation/Thesis defense of Maarit Ströbele's doctoral thesis  
(multiple  
stages). **European University Institute**, San Domenico di Fiesole, Italy
- September 2009 through September 2010, and again September-October 2011, service on the  
**Waterfront Task Force of the Mississauga City Summit**
- May 2010. Reviewer of promotion request file for the **University of Brussels**, Belgium
- December 2009 through March 2010, **Panel Member** For The **Ontario Ministry Of Education  
Ontario Graduate Scholarship Selection Panel In Planning**
- March 2007, served as an expert witness at the **Ontario Municipal Board (OMB)**, Province of  
Ontario, in OMB case no. PL061047, OMB, 655Bay St., Toronto
- September 2006, served on the **Panel of Judges** for the **City of Toronto Bicycle Friendly  
Business Awards**, Toronto City Hall. (Note: judging/ and presented the award for “Most  
Bicycle Friendly Suburban Business”, right after then Mayor of Toronto David Miller ☺)

F. **OTHER RELEVANT INFORMATION**

**Public Liaison Activities:**

a) *Media interviews*

- Interviewed by Robin Levinson, **Toronto Star**, April 21 and 25 2016
- Interviewed by David Rider, **Toronto Star**, two different occasions (one in 2014, another 2015)
- Interviewed by Eric Andrew-Gee, **Toronto Star**, November 24, 2014
- Interviewed by Cristoph Wuthrich, **Schweizer Radio und Fernsehen (Swiss Radio & Television)**, April 30, 2015
- Interviewed by Stephen Dale, **Ottawa**, April 16, 2015
- Interviewed by Craig Gilbert, **Milwaukee Journal Sentinel**, January 2014
- Interviewed by Susan Delacourt, **Toronto Star**, November 2013
- Interviewed by Rachel Mendleson, **Toronto Star**, June 2013
- Interviewed by Carmela Fragomeni, **Hamilton Spectator**, April 3, 2013
- Interviewed by Rachel Mendleson, **Toronto Sun**, April 1, 2013
- Interviewed by Yvette Brend, **Bountiful Films, for CBC Documentary**, January 26/28, 2013
- Interviewed by Kaven Baker-Voakes, **Blacklock's Reporter News**, December 20, 2012
- Interviewed by Larissa Ho, **The Medium**, November, 2012
- Interviewed by Jim Brown, **CBC News**, October 29, 2012
- Interviewed by Sue-Ann Levy, **Toronto Sun**, March 21, 2012
- Interviewed by Larrissa Ho, **The Varsity**, March 14, 2012
- Interviewed by Danielle Groen, **The Grid**, Monday Nov. 19, 2011
- Interviewed by Irena Albinowski, **Toronto District School Board**, November 3-4, 2011
- Interviewed by Win Yu Wong, **Ming Pao Daily (Chinese Daily Newspaper)**, April 11, 2011
- Interviewed by Saul Chernos, **Daily Commercial News**, April, and May, 2009
- Interviewed by Philip Preville, **The Globe and Mail**, September 17, 2008

Interviewed by Jonathan Jenkins, **The Toronto Sun**, September 11, 2008  
 Interviewed by Jim Travers, **The Toronto Star**, May 2, 2007  
 Interviewed by Richard Warnica, **The Tyee** (B.C. Daily), April 17, 2007, and July 28, 07  
 Interviewed by San Grewal, **Toronto Star**, October 16, 2006  
 Interviewed by Jill Mahoney, **Globe and Mail**, June 6, 2006  
 Interviewed by Charlene Close, **680 News** (Radio and internet), Jan. 31, 2006  
 Interviewed by Carly Weeks, **CanWest News**, Jan.24, 2006  
 Interviewed by Linda Hurst, **Toronto Star**, Jan.24, 2006  
 Interviewed by Carmelina Prett, **Hamilton Spectator**, Jan.23, 2006  
 Interviewed by Jenna Russell, **Boston Globe**, Jan.19, 2006.  
 Interviewed by Christie Tucker, **Dose Magazine** (Toronto Bi-Weekly), Jan.19, 2006  
 Interviewed by Kelly Gladner, **Reuters** (Washington, D.C.), Jan.19, 2006  
 Interviewed by Scott Roberts, **Toronto Star**, Jan.18, 2006  
 Interviewed by Vincent Wong, **Ming Pao** (Chinese Language newspaper), Jan. 17, 2006  
 Interviewed by Chris Mallinos, **Epoch Times** (Online and Print Daily), August 17, 2005  
 Interviewed by Janice Walls, **Edge Magazine**, January 2005.

b) *Media citations (that I am aware of):*

Quoted in Baker-Vaokes, K. (2013) Yes, but do they take pets? **Blacklock's Reporter**, No. 14, February 4, 2013, p. 8  
 Quoted in Ho, L. (2012) *How Well Do UTM Students Write?* **The Medium**. January 13, 2013  
 Quoted in Levy, S-A. (2012) *Movin' on Up in Regent Park*. **The Toronto Sun**. March 26, 2012  
 Quoted in Ho, L. (2012) *City Building Blocks*. **The Varsity**. March 20, 2012  
 Quoted in Groen, D. (2011) *Parkdale Still Gentrification Free: The Resistance Movement*. **The Grid**. December 14, 2011  
 Quoted in Hume, C. (2011) *Toronto Embarked on a Civic, if not Civil, War*. **Toronto Star**, Friday August 5, 2011  
 Quoted in Philip Preville, "In a key riding, Christine Innes takes on her husband's nemesis", **Globe and Mail**, September 20, 2008  
 Quoted in Jim Travers, "PM, Mayor not talking – and no one benefits", **Toronto Star**, Saturday May 5, 2007, F1 and F2  
 Quoted in Richard Warnica, "Revenge of the Big 'Burbs", **The Tyee**, Friday August 24, 2007 (B.C. online magazine)  
 Quoted in Jill Mahoney, "Suburban myths demolished", **Globe and Mail**, July 31, 2006  
 Quoted in Carly Weeks, "Winter doesn't deter voters; turnout rises to 65 per cent", **Ottawa Citizen**, January 25 2006, A8  
 Quoted in Lynda Hurst, "Its going to be fun to watch", **Toronto Star**, January 25, 2006. A1 and A10  
 Quoted in Meredith Macleod and Carmelina Prete "Toronto resists blue wave", **Hamilton Spectator**, January 24, 2006.  
 Quoted in Jenna Russell, "Conservatives on Rise as Canada Votes Today", **Boston Globe**, Jan. 23, 2006, A1  
 Quoted in Christie Tucker and Kevin Ritchie, "Love it or lump it election issues", **Dose Magazine**, January 20, 2006, p. 05.  
 Quoted in Chris Mallinos. 2005. "Toronto the good grapples with gun violence: City pays the price for poor planning", **Epoch Times**, August 25, 2005  
 Quoted and my research cited in Janice Walls. 2005. "Solutions to Cities". **Edge Magazine**. May, 2005.  
 Citation (to my research in general) in Harris, R. 2005. "The suburbs then and now". **National Post**, Monday April 25, 2005. A17.

Wolfe, David A.



4. <u>Academic Honours</u>	American Friends of the Hebrew University Fellowship	1970-71
	C.D. Howe Research Fellowship	1972-73
	Canada Council Doctoral Fellowship	1973-77
	Research Associate, Program in Law and the Determinants of Social Ordering, Canadian Institute for Advanced Research	1993-1997
	Carolyn Tuohy Impact on Public Policy Award (U. of T.)	2008
	APSA Award for Outstanding Teaching in Political Science	2008
	CIBC Scholar-in-Residence, Conference Board of Canada	2008-09
	Royal Bank Chair in Public and Economic Policy	2009-2014
5. <u>Professional Affiliations</u>	Political Economy Co-convenor, Programme Committee, CPSA Annual Meetings, Fredericton, N.B.,	June 1977
	Member-at-large, Board of Directors, CPSA	1979-81
	Member, Council of Canadian Studies Program Administrators, Association for Canadian Studies	1979-81
	Member, Editorial Board, <i>Studies in Political Economy</i>	1980-89
	Member, Advisory Committee on Science and Technology Statistics, Statistics Canada	1995-2002

## B. ACADEMIC HISTORY

- 6.a. Research Endeavours
- Innovation Policy – Canadian and Comparative
  - Creating Digital Opportunity - Canada's ICT Industry in Global Context
  - Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions
  - The Role of Local and Regional Clusters in Economic Development
  - Comparative Political Economy
  - The Political Economy of Technological Change
- b. Research Awards
- Social Sciences and Humanities Research Committee, University of Toronto, Grant-in-aid for research on The Political Economy of Corporate Taxation in Canada (\$500.00) 1982-83
  - Royal Commission on the Economic Union and Development Prospects for Canada, Institutions Program, Research Study on The Politics of the Deficit (\$6,000.00) 1983-84
  - Social Sciences and Humanities Research Committee, University of Toronto, Grant-in-Aid for research on Class, Staples and the State: The Rise and Demise of the Keynesian Era in Canada, 1939-1984 (\$500.00) 1984-85
  - Social Sciences and Humanities Research Committee, University of Toronto, Grant-in-aid for research on Class, Staples and the State: The Rise and Demise of the Keynesian Era in Canada, 1939-1984 (\$300.00) 1985-86
  - Technology Impact Research Fund, Labour Canada, Research grant under the auspices of the Labour Council of Metropolitan Toronto for Research on The Impact of Technological Change on Secondary Manufacturing in Metropolitan Toronto (\$95,000.00) 1986-87
  - Law and Economics Research Program, Faculty of Law, University of Toronto (Connaught Foundation). Research Grant on The Social Policy Implications of Technological Change (\$6,000.00) 1986-87

- Social Sciences and Humanities Research Council of Canada, Research Grant on Socio-Political Contexts of Technological Change: The Implications for Canada (\$43,000.00) 1987-89
- Social Science Federation of Canada (funded by the Social Sciences and Humanities Research Council of Canada), Research Project on the Management of Technology in Canada (\$8,500.00) 1988
- Social Sciences and Humanities Research Council of Canada (co-investigator with D'Arcy Martin, National Representative, Education, Communications Workers of Canada), Research Grant on Human Resources Think for Themselves: Worker Driven Research for Training, Tech Change and Work Re-organization (\$95,000.00) 1991-94
- Social Sciences and Humanities Research Council of Canada (principal investigator with Meric Gertler, Dept. of Geography), Research Grant on The Rise of the Region State in Canada and the Role of Interstate Networking (\$185,000.00) 1995-98
- Science and Technology Redesign Project, Statistics Canada (principal investigator with Meric Gertler, Dept. Of Geography), Research Grant on the Regional Innovation System in Ontario (\$15,000.00) 1997
- Natural Sciences and Engineering Research Council, National Research Council and Social Sciences and Humanities Research Council, Network Grant for the Ontario Network on the Regional Innovation System (ONRIS) plus Grant for the National Secretariat for the Innovation Systems Research Network (ISRN) (\$178,000) 1998-2001
- National Coordinator, Innovation Systems Research Network 1998-2011
- International Programs, Research, Technology and Innovation Branch, Ontario Ministry of Energy, Science and Technology, (Principal Investigator with Gale Moore, KMDI and Meric Gertler, Dept. of Geography), Research Grant on The Role of Institutions in Shaping Innovation (\$90,000) 1999-2001
- Social Sciences and Humanities Research Council of Canada, Research Grant on Innovation and Commercialization: The Role of University-Industry Collaboration in the Regional Innovation System (\$78,356.00) 1999-2003
- Social Sciences and Humanities Research Council of Canada, Major Collaborative Research Initiative Grant on Innovation Systems and Economic Development: The Role of Local and Regional Clusters in Canada (\$2,500,000.00) 2001-2005
- Social Sciences and Humanities Research Council of Canada, Research Clusters Design Initiative Grant on the Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions (\$30,000) 2004-2005
- Social Sciences and Humanities Research Council of Canada, MCRI Application Award on the Social Dynamics of Economic Performance: Innovation and Creativity in City Regions (\$20,000) 2005
- Social Sciences and Humanities Research Council of Canada, Research Clusters Interim Grant on the Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions (\$25,000) 2006

Social Sciences and Humanities Research Council of Canada, Major Collaborative Research Initiative Grant on the Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions	(\$2,500,000)	2006-2010
Peer Reviewed Research Studies, Infrastructure Canada, Research Grant on the Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions	(\$242,000)	2006-2009
Ontario Ministry of Research and Innovation, Research Grant on the Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions	(\$300,000)	2006-2011
Social Sciences and Humanities Research Council of Canada, Knowledge Synthesis Grant on the Digital Economy (with Allison Bramwell)	(\$25,000)	2010
Ontario Ministry of Research and Innovation, Toronto Region Research Alliance and City of Toronto, Study of Innovation and Knowledge Flows in the Financial Services and ICT Sectors of the Toronto Region	(\$30,000)	2010-2011
Canada Foundation for Innovation, Local Indicators for Economic Analysis Database	(\$160,000)	2011-2013
Ontario Research Fund, Local Indicators for Economic Analysis Database	(\$160,000)	2011-2013
Ontario Ministry of Research and Innovation, Research Grant for the Local Indicators for Economic Analysis (IDEAs) Database	(\$150,000)	2011-2013
Social Sciences and Humanities Research Council of Canada, Knowledge Synthesis Grant on Growing Innovation Ecosystems: University-Industry Knowledge Transfer and Regional Economic Development in Canada (with Allison Bramwell)	(\$25,000)	2012
DFAIT, Invest Canada-Community Initiatives through the Consider Canada Group of Cities, Research Support for the Local IDEAs Database	(\$90,000)	2012
Ontario Ministry of Economic Development and Innovation, Research Grant for Sectoral Analysis of the Local IDEAs Database	(\$70,000)	2012-13
Automotive Partnership Canada and Social Sciences and Humanities Research Council, Co-Investigator, Research Grant for Manufacturing policy and the Canadian automotive sector: analysis and options for growth, sustainability and global reach, (C. Yates, McMaster U., principal investigator)	(\$3,200,000)	2012-17
Mitacs Accelerate Program and Delvinia Corporation, The Voice of e-Democracy Panel in the City of Markham,	(\$30,000)	2013
Social Sciences and Humanities Research Council of Canada, Grant in Support of a Partnership Grant Application	(\$25,000)	2013
Canada Foundation for Innovation, Infrastructure Operating Fund grant for Local IDEAs Database	(\$48,000)	2013-15



Social Sciences and Humanities Research Council of Canada, Partnership Grant on Creating Digital Opportunity: Canada's ICT Industry in Global Perspective	(\$5,000,000)	2014-19
Network of Centres of Excellence Grant: AGE-WELL: Aging Gracefully Across Environments Using Technology To Support Wellness, Engagement and Long Life, Sub-grant on "Developing Health Research Innovation Ecosystems." Project Lead, Josephine McMurray, Wilfred Laurier U.	(\$127,470)	2015-16
Social Sciences and Humanities Research Council of Canada, Partnership Grant on Greening Growth Partnership: Connecting Research with Policy for an Innovative, Sustainable Economy, (Stewart Elgie, principal investigator)	(\$2,500,000)	2017-23
Mitacs Accelerate Program and Delvinia Corporation, The Scale-up Challenge for Canada? Obstacles to High-Growth Technology-based Firms and the Policy Response	(\$166,000)	2018-20
Social Sciences and Humanities Research Council of Canada, Partnership Grant for the Organization of Innovation and New Technologies (4POINT), (Catherine Beaudry, principal investigator)	(\$2,500,000)	2018-24

### C. SCHOLARLY AND PROFESSIONAL PUBLICATIONS

#### 7. Refereed Publications

##### a. Journal Articles

"Economic Growth and Foreign Investment: A Perspective on Canadian Economic Policy, 1945-1957," *Journal of Canadian Studies* 13 (Spring 1978): 3-20.

"Mercantilism, Liberalism and Keynesianism: Changing Forms of State Intervention in Capitalist Economies," *Canadian Journal of Political and Social Theory* 5 (Winter/Spring 1981): 69-96.

"The Crisis in Advanced Capitalism: An Introduction," *Studies in Political Economy*, no. 11 (Summer 1983: 7-21). [Editor, *Studies in Political Economy*, no. 11 (Summer 1983), Special Issue on the Crisis]

"Capitalist Crisis and Marxist Theory," *Labour/Le Travail*, no. 17 (Spring 1986): 225-54.

"Politics, the Deficit and Tax Reform," *Osgoode Hall Law Journal* 26:2 (Summer 1988): 347-62.

"The Canadian State in Comparative Perspective," *Canadian Review of Sociology and Anthropology* 26:1 (February 1989): 95-126.

with Leon Muszynski, "New Technology and Training: Lessons from Abroad," *Canadian Public Policy* 15:3 (September 1989): 245-64.

with Blanka Vavakova. "Regional Innovation Policy: Rhône-Alpes and Ontario," *Regional and Federal Studies* 9:3 (Autumn 1999): 107-29.

"Networking Among Regions: Ontario and The Four Motors For Europe." *European Planning Studies* 8:3 (2000): 267-284.

with Meric Gertler and David Garkut, “No Place like Home? The Embeddedness of Innovation in a Regional Economy,” *Review of International Political Economy* 7:4 (Winter 2000): 688-718.

with Meric Gertler, “Globalization and Economic Restructuring in Ontario: From Industrial Heartland to Learning Region?” *European Planning Studies* 9:5 (2001): 575-92

with Meric S. Gertler, “Local Social Knowledge Management: Community Actors, Institutions and Multilevel Governance in Regional Foresight Exercises,” *Futures* 36:1 (February 2004): 45-65

with Meric S. Gertler, “Clusters from the Inside and Out: Local Dynamics and Global Linkages,” Special Theme Issue on Clusters and Local Economic Development, *Urban Studies* 41:5 (May 2004): 1055-77.

with J. Adam Holbrook, “The Innovation Systems Research Network: A Canadian Experiment in Knowledge Management,” *Science and Public Policy* 32:2 (April 2005): 109-118.

with Maryann Feldman and Meric Gertler, “University Technology Transfer and National Systems of Innovation: Introduction to the Special Issue,” *Industry and Innovation* 13:4 (December 2006): 359-70.

with Allison Bramwell and Jen Nelles, “Knowledge, Innovation and Institutions: Global and Local Dimensions of the ICT Cluster in Waterloo Canada,” *Regional Studies* 42:1 (February 2008): 101-116.

with Allison Bramwell, “Universities and Regional Economic Development: The Entrepreneurial University of Waterloo,” *Research Policy* 37:8 (September 2008): 1175-87.

with Allison Bramwell, “Innovation, Creativity and Governance: Social Dynamics of Economic Performance in City–Regions,” *Innovation: Management, Policy & Practice* 10:2/3 (Oct-Dec. 2008): 170-82; republished in Retrospective Issue of *Innovation: Management, Policy & Practice* 18:4 (Dec. 2016): 449-61.

“Introduction: Embedded Clusters in a Global Economy,” *European Planning Studies*, 17:2 (Feb. 2009): 179-87. [Editor, Special Issue on Clusters in Canada, *European Planning Studies* 17:2 (February 2009),].

with Matthew Lucas and Anita Sands, “Regional Clusters in a Global Industry: ICT Clusters in Canada,” *European Planning Studies* 17:2 (February 2009): 189-209.

with David Arthurs, Erin Cassidy and Charles Davis, “Indicators to Support Innovation Cluster Policy,” *International Journal of Technology Management* 45:3/4 (2009): 263-279.

“Social Dynamics of Innovation and Civic Engagement in City Regions,” special issue on Social Innovation and Territorial Development, *Canadian Journal of Regional Science* 32:1 (Spring, 2009): 59-72.

“The Strategic Management of Core Cities: Path Dependency and Economic Adjustment in Resilient Regions,” special issue of the *Cambridge Journal of Regions, Economy and Society* 3:1 (March, 2010): 139-52.

with Meric S. Gertler, Greg Spencer and Tara Vinodrai, “Do Clusters Make a Difference: Defining and Assessing their Economic Performance,” *Regional Studies* 44:6 (July, 2010): 697-715.

with Neil Bradford, “Governing regional economic development: innovation challenges and policy learning in Canada,” *Cambridge Journal of Regions, Economy and Society* 6:2 (July 2013): 331-47.

with Allison Bramwell, “Innovation, Creativity and Governance 8 Years On: Social Dynamics of Economic Performance in City-Regions,” *Innovation: Management, Policy & Practice* 18:3 (November 2016): 462-67

with Elena Goracinova and Peter Warrian, “Challenges of Coordination: Automotive Innovation in the Ontario Supply Chain in Comparative Context,” *Canadian Public Policy* 43:S1 (January 2017): S90 -S102.

#### b. Books and Book Chapters

“The State and Economic Policy in Canada, 1968-1975,” in *The Canadian State: Political Economy and Political Power*, Ed. Leo Panitch (Toronto: University of Toronto Press, 1977), pp. 251-88.

“The Rise and Demise of the Keynesian Era in Canada: Economic Policy, 1930-1982,” in *Readings in the Social History of Canada*, vol. 5: *Modern Canada, 1930-1980s*, Eds Gregory S. Kealey and Michael S. Cross (Toronto: McClelland & Stewart, 1984), pp. 46-78.

“The Politics of the Deficit,” in *The Politics of Economic Policy*, Ed. G. Bruce Doern, Vol. 40, Background Studies Prepared for the Royal Commission on the Economic Union and Development Prospects for Canada (Toronto: University of Toronto Press, 1986), pp. 111-62.

edited with Liora Salter, *Managing Technology: Social Science Perspectives* (Toronto: Garamond, 1990).

“The Management of Innovation,” in *Managing Technology: Social Science Perspectives*, Edited with Liora Salter, (Toronto: Garamond, 1990), pp. 65-87.

“Innovation and the Labour Process,” in *Managing Technology: Social Science Perspectives*, Edited with Liora Salter, (Toronto: Garamond, 1990), pp. 89-111.

“Technology and Trade,” in *Debating Canada's Future: Views from the Left*, Eds Simon Rosenblum and Peter Findlay, (Toronto: James Lorimer, 1991), pp. 106-24.

“Technology and Trade: Finding the Right Mix,” in *Getting on Track: Social Democratic Strategies for Ontario*, Ed. Daniel Drache, (Montreal and Kingston: McGill-Queens U. P., 1992), pp. 17-31.

“Institutional Limits to Labour Market Reform in Ontario: The Short Life and Rapid Demise of the Ontario Training and Adjustment Board” in *Social Partnerships for Training: Canada's Experiment with Labour Force Development Boards*, Eds Andrew Sharpe and Rodney Haddow, (Kingston: School of Policy Studies, Queen's University, 1997), pp. 155-88.

with Chuck Rachlis, “An Insider's View of The NDP Government of Ontario: The Politics of Permanent Opposition meets the Economics of Permanent Recession,” in *The Government and Politics of Ontario*, 5th. ed., Ed. G. White, (Toronto: University of Toronto Press, 1997), pp. 331-64.

“Queen's Park Policy-making Systems,” in *Revolution at Queen's Park: Essays on Governing Ontario*, Ed. Sid Noel (Toronto: James Lorimer and Company, 1997), pp. 151-64.

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#### d. Papers in Refereed Conference Proceedings

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#### e. Working Papers

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### b. Monographs and Policy Reports

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with Susan Meurer and David Sobel, *Challenging Technology’s Myths: The Impact of Technological Change on Secondary Manufacturing in Metropolitan Toronto*, A Report to the Labour Council of Metropolitan Toronto (March, 1987).

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“The Contribution of Research Organizations,” in *Entrepreneurship, SMEs and Local Development in Andalusia, Spain*, eds Jonathan Potter and Marco Marchese (Paris, OECD, 2010), pp. 55-82.

with Allison Bramwell, *Growing the ICT Industry in Canada: A Knowledge Synthesis Paper*, Report prepared for the Social Sciences and Humanities Research Council Project on the Digital Economy in Canada, December 1, 2010.

with Charles H. Davis, Nicola Hepburn, Nicholas Mills and Gale Moore, *Innovation and Knowledge Flows in the Financial Services and ICT Sectors in the Toronto Region*, Report to the Ministry of Research and Innovation, the Toronto Region Research Alliance and the City of Toronto, November, 2011.

with Nicola Hepburn and Allison Bramwell, *Growing Innovation Ecosystems: University-Industry Knowledge Transfer and Regional Economic Development in Canada*, Knowledge Synthesis Report prepared for the Social Sciences and Humanities Research Council Project on Leveraging Investments in HERD, May 15, 2012.

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\**Impact and Effectiveness of Public Support for Business Innovation*, Innovation Policy Lab, White Paper No. 2017-03.

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## c. Reviews

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## d. Papers in Conference Proceedings

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“Productivity and Competitiveness,” in *Proceedings from the Third Annual Labour Research Workshop*, (Ottawa: Canadian Labour Market and Productivity Centre, 1991), pp. 3-11.

“Efficiency and Policy Making in the Government of Ontario,” in *Policy Making and Competitiveness*, ed. Bryne Purchase, Government and Competitiveness Project (Kingston: School of Policy Studies, Queen's University, 1994), pp. 145-56.

9. Forthcoming Publications

Accepted and in Press:

Under Review or Revise and Resubmit:

\*with Allison Bramwell and Nicola Hepburn, “Integrating innovation ecosystems: Public intermediaries, entrepreneurship, and regional development,” under revision for *Journal of Technology Transfer*

\*with Nicole Goodman, Zachary Spicer and Bill Hutchison, “Are Canadian Cities Smart,” under revision for *Canadian Journal of Political Science*

\*with Steven Denney and Travis Southin, “Birth of a Startup Ecosystem: The Transformation of Toronto’s ICT Cluster,” submitted to *Regional Studies*

## In Preparation:

with Allison Bramwell, “Lost in Cyberspace: Canada’s Missing Digital Strategy,” for submission to *Journal of Canadian Studies*

\*with Allison Bramwell and Nicola Hepburn, “Growing Regional Innovation Ecosystems: Place-Based Policy Learning and Technology-based Entrepreneurship,” for submission to the *Journal of the Knowledge Economy*

with Patrick Galvin and Elena Goracinova, “Emerging Models of Networked Industrial Policy: Recent Trends in Automotive Policy in the US and Germany,” for submission to *Politics and Society*

with Jen Nelles, “Governance and Civic Capital,” for submission to *Governance*.

with Elena Goracinova, “Regional Resilience and the Future of Ontario’s Automotive Cluster in the Digital Age,” for submission to *Environment and Planning C*

with Dan Breznitz, “California Dreaming: Clusters and The Economics of Agglomeration,” for submission to *Industrial and Corporate Change*

10. Scholarly Papers and Invited Addresses:

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“The Political Economy of Corporate Taxation in Canada.” Paper presented to a meeting of the Research Planning Group on the Comparative Politics of Capital Formation, Center for European Studies, Harvard University, February, 1978.

“Reconstruction Planning and the Postwar Transition: The Advent of Advanced Capitalism in Canada.” Paper presented to the Political Economy General Seminar Series, University of Toronto, February, 1978; the Visiting Speakers Programme, Department of Political Studies, Queen’s University, March, 1978; and School of Public Administration, Carleton University; January, 1981.

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“Backing Winners? Constraints on Industrial Strategy in the New International Division of Labour.” Paper presented to Le Troisieme Colloque de l'Association d'economie politique, Les strategies de reprise, Universite du Quebec a Montreal, 7 octobre, 1983.

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“Socio-Political Contexts of Technological Change: Some Conceptual Models.” Paper presented to a Conference on Understanding Technological Change, Queen's University, Kingston and the University of Edinburgh, Scotland, June 12-13, 1986.

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“Technology and Trade.” Paper presented to the Atkinson College - Ontario Federation of Labour Seminar on Ontario and the Global Economy, Toronto, January 9, 1990.

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“Productivity and Competitiveness.” Address to Annual Labour Research Workshop, Canadian Labour Market and Productivity Centre, Ottawa, December 9, 1991.

“Experience with Partnering: Promotion, Management, Results in Ontario.” Presentation to a Seminar on Establishing a Link Between Research Centres and Enterprises: The Role of R&D Partnerships, Canada-Latin America Forum and International Development Research Centre, Ottawa, Jan. 17, 1992.

“Regionalization and the Future of Industrial Policy.” Paper presented to the Political Economy Seminar, Department of Political Science, University of Toronto, November 11, 1991 and the Seminar on Social Democracy in One Province, School of Public Administration, Carleton University, January 31, 1992.

“Efficiency and Policy Making in the Government of Ontario.” Paper presented to the Seminar on Efficient Policy Making/Policy Making for Efficiency, Government and Competitiveness Reference, Queens-University of Ottawa Economic Projects, Toronto, February 12, 1993.

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“The Ontario Training and Adjustment Board: An Evolving Institutional Framework for Labour Force Development.” Paper presented to the 32nd Annual Conference of the Canadian Industrial Relations Association, UQAM, Montreal, May 29, 1995.

“The Emerging Role of the Region State and Interstate Networking.” paper presented to the Annual Meeting of the Law and Society Association, Toronto, June 3, 1995.

“The Economic/Policy Context: Nations, Regions and Learning.” paper presented to the Workshop on Managing Collaborative R&D in the Pacific Rim, Vancouver, B.C., June 22-24, 1995.

“The Regional Innovation System in Ontario.” with Meric Gertler, paper presented to the International Workshop on The Role and Impact of Science and Technology in Innovation and Regional Economic Development, University of British Columbia, Vancouver, B.C. and to the Seminar on Regional Innovation Systems: Designing for the Future, Center of Technology Assessment in Baden-Wurttemberg, Stuttgart, October 11-15, 1995.

“The Policy-making System in Ontario: Old and New.” paper presented to the Seminar on Governing Ontario: Problems and Prospects, University of Western Ontario, London , November 24, 1995.

with D’Arcy Martin, “Human Resources Think for Themselves: The Experience of Unions in the Sectoral Skills Council.” paper presented to the 48th Annual Meeting, Industrial Relations Research Association, San Francisco, January 7, 1996 and to the Conference on the Emergence of Sector Councils in Canada, Montreal, January 12, 1996.

“Negotiating Order: The Sectoral Approach to Industrial Policy in Ontario.” paper presented to the Annual Meeting of the Canadian Political Science Association, Brock University, St. Catharines, June 2, 1996.

“The Emergence of the Region State,” paper prepared for the Bell Canada Papers 5, John Deutsch Institute for the Study of Economic Policy, Queen’s University, Kingston, Nov. 14-15, 1996.

“Dynamics of the Regional Innovation System in Ontario,” paper presented to a Workshop on Regional Systems of Innovation in Canada, Program in International Management and Economy, University of Ottawa and the Science and Technology Redesign Project, Statistics Canada, Ottawa, March 13, 1997.

“Regional States and Interstate Networking: Ontario and the Four Motors for Europe,” paper presented to the Annual Meeting of the International Studies Association, Westin Harbour Castle Hotel, Toronto, March 20, 1997.

with Blanka Vavakova (CNRS, Paris - Dauphin), “Regional Innovation Policy in Ontario and France,” paper presented to the Aquitaine - Ontario Symposium, The New Regionalism: Global Challenges and Local Responses, University of Western Ontario, London, Oct. 17-18, 1997.

“Regional Innovation Strategies in the European Union: Lessons for Canada,” paper presented to the Annual Meeting of the Canadian Political Science Association, University of Ottawa, Ottawa, May 31-June 1, 1998.

“The Role of Information and Communication Technologies in Local and Regional Development,” Paper presented to the Conference on the Transition to the Knowledge Society, Institute for European Studies, University of British Columbia, Nov. 4-6, 1998.

“Globalization, Information and Communication Technologies and Local and Regional Systems of Innovation,” Paper presented to the Conference on National Innovation Systems and the Idea–Innovation Chain, Netherlands Institute for Advanced Study in the Social Sciences and Humanities, Wassenaar, The Netherlands, Jan. 27-29, 1999.

“Innovation and Wealth Creation in the GTA: Implications of the Knowledge-Based Economy for the Regional Level,” Address to the Canadian Urban Institute, Toronto, June 17, 1999.

with Meric S. Gertler, “Globalization and Economic Restructuring in Ontario: From Industrial Heartland to Learning Region,” Paper presented to the NECSTS/RICTES-99 Conference on Regional Innovation Systems in Europe, Donostia-San Sebastian, Spain, Sept. 30-Oct. 2, 1999.

“Innovating Together: University- Industry Linkages in the Learning Region,” Presentation to the Conference on Building Competitive City Regions in the Knowledge Economy, Living Arts Centre, Mississauga, Nov. 17, 1999.

“Social Capital and Cluster Development in Learning Regions,” Paper presented to the Annual Meeting of the Innovation Systems Research Network, Montreal, May 12 and 13, 2000 and the XVIII World Congress of the International Political Science Association, Quebec, Aug. 5, 2000.

“Trying to Hit a Moving Target: Governments and E-Business,” Paper presented to the Public Policy Forum, Ottawa, March 3, 2000 and the XVIII World Congress of the International Political Science Association, Quebec, August 1, 2000.

“Investing Knowledge in Universities: Rethinking the Firm’s Role in Knowledge Transfer,” Paper presented to the PRIME-Statistics Canada Workshop on Knowledge Management in the Innovation Process: Business Practices and Technology Adoption, Ottawa, Feb. 22-23, 2001.

“Social Capital and Economic Development: Local and Regional Clusters in Canada,” paper presented to the Institute Seminar, United Nations’ University, INTECH, Maastricht, Netherlands, Oct. 25, 2001; to the weekly Seminar, Science Policy Research Unit, University of Sussex, Falmer, UK, Oct. 26, 2001 and to the Seminar on Innovation Broker’s in Construction, UMIST, Manchester, UK, Nov. 1, 2001.

“Innovation Policy for the Knowledge-Based Economy,” paper presented to The Centre for Innovation Studies Seminar, University of Calgary, Calgary, Feb. 21, 2002.

“Innovation Systems and Economic Development: Local and Regional Clusters in Canada,” invited presentation to the Ontario Region, Industrial Research Assistance Program, Living Arts Centre, Mississauga, Feb. 27, 2002 and to the Policy Sector Branch, Industry Canada, Ottawa, March 18, 2002.

“The Secret of US Success: The US National System of Innovation,” invited presentation to the Forum on The Innovation Agenda in the 21<sup>st</sup> Century, Business and Economic Development Cluster Policy Secretariat, Ontario Ministry of Enterprise, Opportunity and Innovation, Toronto, April 17, 2002.

“Incubators and their Role in Cluster Creation,” invited presentation to the Conference on Incubating Incubators, Accelerating Accelerators, Canadian Asscn. of Business Incubators, Toronto, May 2, 2002.

“Clustering of Clusters: The Next Step in Cluster Development,” invited presentation to the Workshop “Shaping Our Future” Canadian Photonics Consortium, Ottawa, May 8, 2002.

“Knowledge, Learning and Social Capital in Ontario’s ICT Clusters,” paper presented to the Annual Meeting of the Canadian Political Science Association, University of Toronto, Toronto, May 30, 2002.

“Implications of the New Economy for Mid-size Cities: Innovation and Clusters,” invited presentation to the symposium on Managing the Transition to the New Economy in Mid-size Cities, Waterloo, June 25, 2002.

“The Challenge of Globalization for Europe’s Regions,” invited presentation to the Conference on Europe’s Regions Shaping the Future – the Role of Foresight, Research DG, European Commission, Brussels, Sept. 24-25, 2002.

“The Role of Higher Education in Regional Innovation and Cluster Development,” paper presented to Symposium on Creating Knowledge, Strengthening Nations: The Changing Role of Higher Education in Celebration of the 175<sup>th</sup> Anniversary of the University of Toronto Charter, Toronto, Oct. 31, 2002.



“Implications of the New Economy for Smart Cities: Innovation and Clusters,” invited presentation to the Symposium on Thinking Smart Cities, Institute of Political Economy, Carleton University, Nov. 15, 2002.

“Innovation Strategy from a Community Innovation Perspective,” Keynote presentation to a Joint Meeting of the Executive Group, Ontario Region, Human Resources Development Canada and Industry Canada, Sunnybrook Estates, Toronto, April 17, 2003.

“Clusters Old and New: Policy Lessons from the ISRN Study of Cluster Development,” Keynote Presentation to a Joint Industry Canada, National Research Council and Innovation Systems Research Network Workshop on Cluster Development: What are the Policy Implications for the Federal Government? Minto Place Suites, Ottawa, April 30, 2003.

“Policies for Cluster Creation: Lessons from the ISRN Study of Cluster Development,” Presentation to a Panel on Innovation: A Contact Sport, in collaboration with Industry Canada, 9<sup>th</sup> International Economic Forum of the Americas, La Conférence de Montréal, Montreal, May 8, 2003.

“Clusters from the Inside and Out: Lessons from the Canadian Study of Cluster Development, paper presented at the DRUID Summer Conference 2003 on Creating, Sharing and Transferring Knowledge: The Role of Geography, Institutions and Organizations, Copenhagen, June 12-14, 2003.

“The Dynamics and Power of Networks,” invited presentation to the NRC-IRAP Reunion 2003 – Navigating the Future Together, Westin Hotel, Ottawa, Sept. 8-10, 2003.

“Path Dependence and Discontinuities in Cluster Development,” Presentation to the Academic Summit of the TCI Conference, Interaction and Exchange in Innovative Clusters and Systems, Gothenburg, Sweden, Sept. 15-16, 2003.

“Building Social Capital, Trust and Civic Entrepreneurship,” presentation to a miniforum at the The Competitiveness Institute 6<sup>th</sup> Annual Conference, Innovative Clusters – A New Challenge, Gothenburg, Sweden, Sept. 17-19, 2003.

“Clusters from the Inside and Out: Local Dynamics and Global Linkages,” Keynote Presentation to a Cluster Strategy Implementation Workshop, sponsored by Economic Development Edmonton, Shaw Conference Centre, Edmonton, January 22, 2004.

with Allison Bramwell and Jen Nelles, “Knowledge, Innovation and Civic Capital in Waterloo’s ICT Cluster,” paper presented to the ISRN National Meeting, Vancouver, BC, May 12-15, 2004.

“The Policy Implications of Path Dependence for Cluster Development,” invited presentation to the Academic Summit of The Competitiveness Institute 7<sup>th</sup> Global Conference, Building Innovative Clusters for Competitive Advantage, Ottawa, Sept. 30, 2004.

with Greg Spencer, Tara Vinodrai and Meric Gertler, “Analytical Measures to Assess and Evaluate Clusters,” presentation to The Competitiveness Institute 7<sup>th</sup> Global Conference, Building Innovative Clusters for Competitive Advantage, Ottawa, Sept. 30, 2004.

“Innovation Systems Research Network: Lessons for the TBED Role in Regional Innovation,” Presentation to the SSTI’s 8<sup>th</sup> Annual Conference, Building Tech-Based Economies: Preparing for Tomorrow’s Challenges, Philadelphia, Oct. 14, 2004.

“The Role of Industrial Clusters: Lessons from the ISRN Research Project,” Presentation to the Innouest 2004 Conference, Calgary, Nov. 17-18, 2004.

“Innovation and Research Funding: The Role of Government Support,” paper presented to the Conference on Taking Public Universities Seriously, University of Toronto, Toronto, Dec. 3-4, 2004.

“Cluster Development: Location, location, location?” invited presentation to the Breakfast on the Hill Seminar Series, sponsored by the Canadian Federation for the Humanities and Social Sciences, Centre Block, Parliament Buildings, Ottawa, Feb. 17, 2005.

“From Industrial Policy to Community Innovation Strategies: Recent Trends in Economic Development Research and Strategy,” presentation to the Annual Meeting of the Canadian Economics Association, McMaster University, Hamilton, May 27, 2005.

“Community Participation and Emerging Forms of Economic Development Strategy,” paper presented to the Annual Meeting of the Canadian Political Science Association, University of Western Ontario, London, June 2, 2005.

“Innovation and Research Funding: The Role of Government Support,” invited presentation to the Distinguished Speaker in Economics Series, Microeconomic Analysis Branch, Industry Canada, Ottawa, June 15, 2005.

“Strategies to Promote Economic Development in Learning Regions,” Keynote Presentation to the eLearning Cities and Regions05 Conference, Saïd Business School, Oxford, June 21, 2005.

with Erin Cassidy, Charles Davis and David Arthurs, “Measuring the National Research Council’s technology cluster initiatives,” paper presented to the CRIC Cluster Conference, Beyond Clusters: Current Practices and Future Strategies, University of Ballarat, Ballarat, Australia, June 30-July 1, 2005.

with Allison Bramwell, “Universities and Regional Economic Development: The Entrepreneurial University of Waterloo,” paper presented to the World Bank-CMI Workshop on University-Industry Linkages in Europe and North America, Downing College, Cambridge, U.K., Sept 26-27, 2005 and the Canadian Conference on Small Business and Entrepreneurship, Waterloo, ON, Oct. 27-29, 2005.

“Talent in the Global Economy and Post-Secondary Education,” invited presentation to the National Dialogue on Higher Education, sponsored by the Canadian Federation for the Humanities and Social Sciences, Ottawa Congress Centre, Ottawa, Nov. 27-29, 2005.

“The Role of Higher Education in Regional Innovation and Cluster Development”, paper presented to a World Bank Seminar on University-Industry Linkages, American University of Paris, Paris, March 27, 2006.

“Innovation and Creativity in City Regions,” presentation to a seminar of the Knowledge Economy Network, London, UK, March 28, 2006.

“Community Participation and Emerging Forms of Governance in Economic Development Strategy,” Presentation to a session on Regional clusters and metropolitan governance: from textbook to reality, at the 36<sup>th</sup> Annual Meeting of the Urban Affairs Association, Montreal, April 21, 2006.

“Universities and Cluster Development,” paper presented to the Conference on Universities and the Powering of Knowledge: Policy, Regulation and Innovation, School of Public Administration and Policy, Carleton University, Ottawa, Oct. 19-20, 2006.

“Innovation and Creativity in City Regions,” presentation to SSTP’s 10<sup>th</sup> Annual Conference, Transforming Regional Economies, Oklahoma City, November 1, 2006.

“Regional Clusters in a Global Industry: The Waterloo ICT Cluster in Context,” presentation to Economic Outlook 2007, Centre for Economic Policy, Wilfred Laurier University, CIGI, Waterloo, November 23, 2006.

“Policies for Cluster Creation: Findings from the ISRN Research Initiative, presentation to the CLUNET Workshop, sponsored by Metropolitan Community of Montreal, Montreal, Sept. 20, 2007.

“What is Social About the Dynamics of Economic Performance in City Regions,” keynote address to the Colloque du CRISES, Créer et Diffuser l’Innovation Sociale, UQAM, Montréal, Nov. 8, 2007.

“Policies for Cluster Development: Lessons from the ISRN Research Initiative,” presentation to the BIONORTH Conference, Ottawa Convention Centre, Ottawa, Nov. 19, 2007.

“Innovation and Creativity in City Regions,” presentation to the International Forum on the Creative Economy, Conference Board of Canada, Gatineau, Quebec, March 17-18, 2008.

with Allison Bramwell and Jen Nelles, “Locating the Local: Scale and the Politics of Local Economic Development,” paper presented to the Annual Meeting of the Canadian Political Science Association, University of British Columbia, Vancouver, June 4-6, 2008.

with Allison Bramwell, “Innovation, Creativity and Inclusion: What is Social about the Dynamics of Economic Performance,” paper presented at the 25<sup>th</sup> DRUID Conference, Copenhagen Business School, Copenhagen, Denmark, June 17-20, 2008.

“The Role of Talent in Determining the Choice of Region,” presentation to the 5<sup>th</sup> Annual Conference of the Technopolicy Network, Implementing Regional Innovation Strategies, Halifax, Nova Scotia, Sept. 25, 2008.

“The Governance and Policy of Local Innovation Systems,” presentation to a Conference on Regional Economies in a Globalising World: Enhancing Intellectual Capacity and Innovation, Institute of Welsh Affairs and Cardiff University, Cardiff, Wales, November 21, 2008.

“From Industrial Policy to Innovation Strategies: The Global and the Local,” presentation to a joint Industry Canada/Institute for Competitiveness and Prosperity Workshop on Industrial Policy and International Trade, Ottawa, Ontario, March 13, 2009.

“Science, Technology and Innovation in the 21st Century,” invited lecture to the University of Toronto Chapter, Sigma-XI The Scientific Research Society, Combination Room, Trinity College, April 16, 2009.

“Strategic Management of Urban Economies: Alternative Approaches to Local and Regional Development,” invited lecture to the Ontario Ministry of Municipal Affairs and Housing, Toronto, April 22, 2009.

“The Geography of Innovation: 21<sup>st</sup> Century Cities,” 3<sup>rd</sup> CIBC Scholar-in-Residence Lecture, Conference Board of Canada, Fairmont Royal York Hotel, Toronto, May 19, 2009.

“Cities and Innovation,” invited presentation to the Conference Board of Canada’s Innovation Council, Accelerator Centre, Waterloo Research and Innovation Park, Waterloo, Oct. 16, 2009.  
“21<sup>st</sup> Century Cities in Canada: The Geography of Innovation,” presentation to *Competitive Cities: 10 Years Later, Is the GTA Ready to Compete?* Canadian Urban Institute, Toronto, Nov. 30, 2009.

“Innovation, Creativity and Governance: 21<sup>st</sup> Century Cities in Canada,” Keynote address to 2010 Central Ontario Municipal Symposium, Ontario Ministry of Municipal Affairs and Housing, Vaughan, Ontario, May 13, 2010.

“Architectures of Innovation: Techno-Economic Paradigms, Institutional Change and the Prospects for Growth,” paper presented to the DRUID Annual Summer Conference, Imperial College Business School, London, June 16-18, 2010.

“Smart Specialization: A New Model for Economic Development,” paper presented to the State of the Federation Conference 2010, Institute of Intergovernmental Affairs, Queen’s University and Mowat Centre for Policy Innovation, University of Toronto, Nov. 19-20, 2010.

with Allison Bramwell, “Multi-Level Governance in a Mega-City: The Interaction of Scale, Scope and Power in Toronto,” paper presented to the Annual Meeting of the Southern Political Science Association, New Orleans, LA, Jan. 8, 2011.

“Regional Resilience, Cross-Sectoral Knowledge Platforms and Prospects for Growth in Canadian City-Regions,” paper presented to the Colloquium on Reframing Regional Development: Evolution, Innovation and Transition, Cardiff University, Cardiff, April 4-5, 2011.

with Gregory M. Spencer, “Where politics and economics collide: the spatial distribution of R&D spending in Canada,” paper presented to the Annual Meeting of the American Association of Geographers, Seattle, Washington, April 16, 2011.

“Civic Engagement and Civic Leadership in Toronto’s Future,” paper presented to the RBC Chair’s Conference on Civic Engagement and Economic Development in Canadian Cities,” Trinity College, University of Toronto, April 27, 2011.

“Growing the ICT Industry in Canada: Challenges and Opportunities,” presentation to the Canada 3.0 Conference, Canadian Digital Media Network, Stratford, Ontario, May 4, 2011.

“Regional Resilience and Place-based Development Policy: Implications for Canada,” paper presented to the Annual Meeting of the Canadian Political Science Association, Wilfred Laurier University, Waterloo, May 16, 2011.

“Place-Based Development Policy: Implications for North America,” paper prepared for the 6<sup>th</sup> International Seminar on Regional Innovation Policies, CIRCLE, Lund University, Sweden, October 13-14, 2011.

“Civic Engagement and Civic Governance: Lessons for Mississauga,” Keynote address to the Mississauga City Summit, University of Toronto Mississauga, Oct. 25, 2011.

“Innovation and Knowledge Flows in the Financial Services and ICT Sectors of the Toronto Region,” Keynote address to the Technicity.ca 2011 Conference, Metro Toronto Convention Centre, Toronto, Nov. 22, 2011.

“Civic Governance, Social Learning and the Strategic Management of City-Regions,” paper presented to the Conference on The Strategic Management of Places, UC San Diego, La Jolla, California, Dec. 12-13, 2011.

“Toronto: Innovation in the Megacity,” paper presented to the Panel on Searching for the Right Space for Innovation, American Academy for the Advancement of Science, Vancouver, B.C. Feb. 12, 2012.

“Civic Engagement and Civic Governance: Lessons for Ontario,” presentation to the ROMA/OGA Annual Conference, Fairmont Royal York Hotel, Toronto, Feb. 27, 2012.

“The Political Economy of Urban Development in Southern Ontario,” presentation to the Conference on Re-Imagining Our Cities, sponsored by the City Institute, York University, Toronto, April 13, 2012.

“The Spatial Scale of Innovation: Organization of Life Sciences in Ontario,” presentation to the Conference on Use of Innovative Data Sets for Regional Economic Research, GW Institute of Public Policy, George Washington University, Washington, DC, May 9, 2012.

”Economic Development and the Role of Clusters: Implications for Policy,” presentation to the Conference on Taking Flight: Making an Ontario Aerospace Cluster a Reality,” Canada 2020 and PROGRIS, Sutton Place Hotel, June 7, 2012.

“Aspects of Cluster Development in Canada and Policy Implications,” invited presentation to the Canada-Japan International Forum on Clusters, Canadian Embassy, Tokyo, Oct. 5, 2012.

“Nested Scales, Multilevel Governance and Regional Development Policy in Canada,” Keynote Presentation to the 7<sup>th</sup> International Seminar on Regional Innovation Policies, University of Porto, Porto, Portugal, Oct. 12, 2012. and UK-IRC Workshop on New Trends in Regional Development Policy, Cambridge, UK, Nov. 15, 2012.

“Regional Resilience and the Prospects for Growth in Canadian City-Regions,” Address to the Regional Planning Speakers Series, City-Region Studies Centre, University of Alberta, November 28, 2012.

“Innovation in a Changing Economy: A Global or Local Phenomenon?” Keynote Address to the Annual RBC Chairs Conference on Global Innovation: Going Broad, Going Deep, Faculty of Arts and Science, University of Toronto, April 25, 2013.

“Civic Engagement in City-Regions: Lessons from Ontario,” Presentation to the Moscow Innovation Development Center, Moscow, May 16, 2013 and the Government of Tatarstan, Kazan, May 17, 2013.

“ICT in Waterloo Region: Agglomeration or Successful Cluster,” presentation to the Workshop on Cluster Evolution, Collegio Carlo Alberto, Turin, Italy, November 12, 2013.

“Innovation Policy and Regional Development in Canada,” presentation to the Workshop on Canadian Science, Technology and Innovation Policy, Canadian Science Policy Conference, Allstream Centre, Toronto, November 20, 2013.

“Cluster and Civic Governance in City-Regions,” Keynote presentation to the Life Sciences Ontario Symposium, Living Arts Centre, Mississauga, December 11, 2013.

“Strategic Management of City-Regions: Innovation Policy from the Bottom Up,” presentation to the Political Science Department Seminar, Simon Fraser University, Vancouver, BC, January 24, 2014.

“Connectivity in the Resilient City,” Keynote Presentation to Re-imagining our Cities 2: The Resilient City,” Cities Institute, York University, Toronto City Hall, Toronto, Feb. 7, 2014.

“Cluster Theory and Cluster Policy,” Presentation to the Israel Innovation Institute/Munk Innovation Policy Lab Joint Workshop on *Where is Innovation Policy Going: Toward a New Research Agenda*, Hebrew University, Jerusalem, March 6, 2014.

with Patrick Galvin and Elena Goracinova, “Emerging Models of Networked Industrial Policy: Recent Developments in Automotive Policy in the US and Germany,” paper presented to the Annual Conference of the Industry Studies Association, Portland Oregon, May 28, 2014.

“Innovating in Urban Economies: Economic Transformation in Canadian City-Regions,” Invited presentation to the Business Climate and Innovation Assistant Deputy Ministers’ Committee, Ferguson Block, Queen’s Park, Toronto, June 5, 2014.

“Innovation Ecosystems: Implications for Universities,” Invited presentation to ACCRU General Meeting, Novotel Hotel, Ottawa, June 12, 2014.

“Innovating in Urban Economies: Economic Transformation and Ontario’s Digital Corridor,” Presentation to Presentation to the CityAge Conference, CIGI Auditorium, Waterloo, October 10, 2014.

”Innovating in Urban Economies: Economic Transformation and Ontario’s Digital Triangle,” Presentation to a Celebration of Innovation and Entrepreneurship in the Niagara Region, Brock University, St. Catharines, March 23, 2015.

“Innovation and Commercialization Policy in Canada,” Paper presented to the Annual Meeting of the Association of American Geographers, Hyatt Regency Hotel, Chicago, April 22, 2015 and the Annual Meeting of the Regional Studies Association, Piacenza, Italy, May 26, 2015.

“Waterloo Region, Canada: A Dynamic Knowledge Triangle,” Presentation to the OECD TIP Meeting, Working Group on the Knowledge Triangle, OECD Conference Centre, Paris, June 18, 2015.

“Cluster Evaluation Framework and the Cluster Life Cycle” Presentation to the MRI/MEDEI Knowledge Forum, Queen’s Park, Toronto, Sept. 2, 2015.

“Driving Growth in Toronto Region: Building Ontario’s Digital Supercluster,” Presentation to the CityAge Toronto Conference, MaRS, October 8, 2015.

“Innovating in a Changing Economy: Barriers and Opportunities for Growth,” Keynote Address to the Greater Niagara Chamber of Commerce Economic Summit, White Oaks Resort, Niagara-on-the-Lake, October 30, 2015.

with Elena Goracinova and Peter Warrian, “Networked Industrial Policy & Innovation in the Ontario Auto Supply Chain,” Presentation to the Automotive Policy Research Centre Workshop, Kingbridge Centre, March 18, 2016.

- “Local Civic Governance and Entrepreneurship in Canada’s Digital Corridor,” Presentation to the Workshop on Institutions and the Social Consequences of Entrepreneurship, Universiteit Utrecht, Utrecht, Netherlands, April 13, 2016.
- “Local Civic Governance, Intelligent Communities and Urban Innovation,” Presentation to the Conference Board of Canada Business Innovation Summit 2016, Ottawa Convention Centre, Ottawa, May 2, 2016.
- with Charles Davis, David Arthurs and Tara Vinodrai, “Innovation in Media Industries: insights from a survey of firms in the Ontario Entertainment and Creative Cluster,” paper presented to the International Schumpeter Society Conference, Hotel Bonaventure, Montreal, July 7-8, 2016.
- “Governing Ontario’s Innovation Triangle: Economic Coordination in the Bay Area,” Keynote presentation to the Bay Area Economic Summit: “Leading Change in a Regional Economy”, Royal Botanical Gardens, Burlington, June 21, 2016.
- “Toronto’s ICT/Fintech Firms in Global Context,” paper presented to the International Schumpeter Society Conference, Hotel Bonaventure, Montreal, July 7-8, 2016.
- “From Smart Specialization to Smart Institutions: The Role of Policy Learning and Institution Building in Regional Development,” Keynote address to the Regional Innovation Policy Conference, Cardiff University, Cardiff, Wales, Nov. 3-4, 2016.
- with Allison Bramwell and Nicola Hepburn, “Technology-based Innovation Ecosystems in a Knowledge Economy: A Case Study of the Ontario Network of Entrepreneurs,” paper presented to the Technology Transfer Society Conference, Arizona State University, Phoenix, Az, Nov. 3-5, 2016.
- “Innovation Districts, CleanTech and the Future of Toronto’s Waterfront,” invited presentation to a workshop on The Future of Waterfront Toronto, Waterfront Toronto, Nov. 11, 2016.
- with Elena Goracinova, “Regional Resilience and the Future of Ontario’s Automotive Cluster in the Digital Age,” paper presented to the Workshop on Resurrection or Reinvention: Industrial resilience in traditional manufacturing regions, Collegio Carlo Alberto, Turin Italy, Nov. 21-22, 2016 and the American Association of Geographers Annual Meeting, Hynes Convention Centre, Boston, MA, April 6-8 , 2017,
- \*“Intelligent Communities, Smart Cities and Urban Innovation,” presentation to the joint University of Toronto-IIT Bombay Workshop on the Future of Smart Cities,” Municipalika, Navi Mumbai, May 18-19, 2017.
- \*with Elena Goracinova, “Diversifying the Southern Ontario Automotive Cluster: Establishing linkages Between the ICT and Automotive Knowledge Bases,” The Industry Studies Association Annual Meeting, Washington, DC, May 24-26, 2017.
- \*with Steven Denney and Travis Southin, “Conditions for ICT Growth, Development, and Innovation in the Greater Toronto Area,” paper presented to the Annual Meeting of the Industry Studies Association, Washington, DC, May 24-26, 2017 and the Annual Meeting of the Canadian Political Science Association, May 30-June 1, 2017.
- \*“Canada’s Automotive Cluster: Its Future in the Digital Age,” Presentation to the Bank of Canada Conference on Digitalization and the Economy, Bank of Canada Conference Centre, Ottawa, September 8, 2017.

\*“Innovating in Urban Economies: Economic Transformation in Canadian City-Regions,” presentation to the Peking University-University of Toronto Urban Forum, Munk School of Global Affairs, University of Toronto, Toronto, October 2, 2017.

\*“Disrupt or be Disrupted: Key Findings from the CDO Research Project and Policy Implications,” Invited Presentation to the Policy Directors’ Meeting, Innovation, Science and Economic Development Canada, C.D. Howe Building, Ottawa, October 30, 2017.

\*“The Role of Higher Education Institutions in Innovation Ecosystems and Place-based Development Policy in Canada,” presentation to the Annual Meeting of the Technology Transfer Society, George Mason University, Arlington, VA, November 4, 2017.

\*“The Evolving FinTech Ecosystem in the Context of the Greater Toronto Region,” presentation to the Annual RBC Chairs Conference on The Fintech Revolution: What’s Happening, Why is it Happening and Why is it Important?, George Ignatieff Theatre, Trinity College, U. of Toronto, November 6, 2017.

\*“Cities as Centres of Innovation,” Invited presentation to Autodesk Talks, MaRS Building, Toronto, January 25, 2018.

\*Higher Education Institutions and Civic Entrepreneurs in Innovation Ecosystems: The Toronto-Waterloo Innovation Corridor,” presentation to the Workshop on Universities, Innovation and Development, Baldy Centre for Law and Social Policy, University of Buffalo, April 7-8, 2018.

#### 11. Other Scholarly Activities

Panelist, Conference on “The Individual and the State.” Sponsored by the C.B.C. and the Centre for International Studies, University of Toronto, February 1979.

Panelist, Round Table on “Marxist and Public Choice Approaches to the Study of Public Policy.” Annual Meeting of the CPSA, Saskatoon, Saskatchewan, May 1979.

Panelist, 10th Annual Urban Studies Symposium on “Employment and the Metro Economy.” Sponsored by the Social Planning Council of Metropolitan Toronto, the Labour Council of Metropolitan Toronto and the Urban Studies Programme, York University, April 9, 1981.

Panelist, Session on “The Economic Crisis and The New International Division of Labour.” Conference on Canada in the New International Division of Labour, University of Ottawa, Ottawa, January, 1983.

Panelist, Session on “The Politics of Restraint: Provincial and Federal Experience.” Annual Meeting of the CPSA, Université de Montreal, Montreal, Quebec, June, 1985.

Panelist, Session on “Building an Alternative.” Annual Meeting of the CPSA, University of Windsor, Windsor, June, 1988.

Panelist, Session on “Re-designing Work Systems.” Conference on A Competitive Edge: Industrial Renewal in the 1990s, sponsored by Industry Canada and the Fleming Center for Manufacturing Studies, Toronto, January 15, 1991.

Panelist, Session on “Economic Challenges for Social Democracy.” Society for Socialist Studies Annual Meetings, Kingston, June, 1991.



Panelist, Roundtable on “Does Canada Need an Industrial Policy?” Joint Session of the Annual Meetings of the Canadian Economics Association and the Canadian Political Science Association, Carleton University, Ottawa, Ontario, June 6, 1993.

Panelist, Session on “Social Policy and the Economy - Taking Action.” Sixth Annual Policy Conference, Canadian Association for Business Economics, Ottawa, April 13-14, 1994.

Commentator on Dr. Fraser Mustard, “Technology, Information and the Evolution of Social Policy.” Bell Canada Lectures on Economic and Public Policy, John Deutsch Institute for the Study of Economic Policy, Queen’s University, Kingston, November 17, 1996.

Panelist, Session on “A Network Model for Innovation and Policy Research: Linking Universities, Governments and Regional Innovation Champions,” Conference on Policy Research: Creating Linkages, Conference Centre, Ottawa, Oct. 1-2, 1998.

Organizer and Chair, Panel on “Recent Developments in the Study of Innovation,” Annual Meeting of the Canadian Economics Association, University of Toronto, Toronto, May 30, 1999.

“Cluster Development Strategies for Nascent Clusters,” panel presentation to the Regional Innovation Forum Roundtable VII, Fairmont Chateau Laurier, Ottawa, April 9, 2002.

“Comments on Cluster Policy,” panel presentation to the Re\$earch Money Conference, Technology Clusters – by Accident or Design? National Arts Centre, Ottawa, February 19, 2003.

Panelist, Session on “Looking at ourselves in the mirror: How can the Canadian industry reinvent itself to become more globally competitive?” Canadian Venture Capital Association Annual Conference, Westin Bayshore, Vancouver, June 2, 2006.

Panelist, Session on “Business Innovation in Canada: Perspectives on the Expert Panel Report of the Council of Canadian Academies,” 43<sup>rd</sup> Annual Conference of the Canadian Economics Association, University of Toronto, Toronto, May 30, 2009.

Organizer and Chair, Panel on “Urban Strategies for Restructuring,” Annual Meeting of the Canadian Political Science Association, Concordia University, Montreal, June 3-5, 2010.

Panelist, Roundtable discussion on “Innovative Approaches to Prosperity: Shaping Toronto’s Labour Market,” Toronto Workforce Innovation Group, MaRS Centre, Toronto, November 22, 2010.

Panelist, Session on “Competing with Gotham: Small Cities in a Global World,” 21Inc Ideas Festival, in partnership with the Public Policy Forum, St. Andrews by-the-Sea, New Brunswick, Nov. 24-26, 2010.

Panelist, presentation on “Improving Canada’s Digital Economy: Growing the Information and Communications Technology Industry,” Session on Research on the Digital Economy, Co-sponsored by SSHRC and the NRC-IIT, Congress of the Humanities and Social Sciences, Fredericton, N.B., May 31, 2011.

Panelist, Roundtable discussion on “Growing the Canadian Innovation Ecosystem,” ACCT Canada 2012 Innovation Leaders Forum, The Grand Hotel, Toronto, Oct. 18, 2012.

Panelist, Session on “The Practice Of Cluster-Based Economic Development: Where We Are, and How to Get to the Next Level?”, Conference on Mapping the Midwest Future, Humphrey School of Public Affairs, University of Minnesota, Minneapolis, Sept. 29, 2014.

Moderator, Panel on “Beyond the Boom and Bust: Oil, Innovation and Canada’s Next Economy,” Broadbent Institute Progress Summit 2015, Ottawa, March 27, 2015.

Panelist, Session on “The Internet of Things,” Government Technology Exhibition and Conference 2015, Shaw Convention Centre, Ottawa, October 20, 2015.

Panelist, Session on “Creative Clusters: Can Canada Compete?” Digital Media at the Crossroads Conference, DM@X, Centre for Innovation Law and Policy and Faculty of Music, University of Toronto, January 28, 2017.

Panel presentation on “What are Smart Cities/Intelligent Communities,” to the ISPIM Conference, Toronto Hilton Hotel, March 20, 2017.

\*Panelist, Session on “Positioning Artificial Intelligence and Machine Learning in the Ontario Context,” Workshop on Capitalizing on Disruptive Change, Ontario Chamber of Commerce, WeWork, Toronto, October 19, 2017.

\*Panelist, C.D. Howe Institute Roundtable on “Innovation Policy: Is This Time Different,” Chateau Laurier Hotel, Ottawa, October 30, 2017.

\*Panelist, Innis College Town Hall on “Understanding Smart Cities: What Happens Next,” Innis College, University of Toronto, November 2, 2017.

#### D. LIST OF COURSES

##### 12. a. Undergraduate

Canadian Government and Politics, U. of Toronto Mississauga	1981-87
An Introduction to Public Administration U. of Toronto Mississauga	1981-84
Elites and Political Leadership U. of Toronto Mississauga	Spring, 1982
Comparative Public Administration and Public Policy U. of Toronto Mississauga	1984-90 1993-2005 2011-2014
Canadian Public Policy in an Era of Globalization U. of Toronto Mississauga	1989-90 1993-2000
Political Management of Capitalist Economies U. of Toronto Mississauga	1997
Introduction to Comparative Politics U. of Toronto Mississauga (with A.M. Bejarano/E. Schatz)	2006-2016
Topics in Political Economy: State and Economy in Contemporary Capitalism University of Toronto Mississauga	2015-2017

## b. Graduate

The Political Economy of the Canadian Welfare State U. of Toronto (with C. Rachlis)	1982-83
The Political Economy of Canada U. of Toronto (with M. Watkins/S. Clarkson)	1983-87
The Political Economy of Technological Change U. of Toronto	1989-90 1993-2017
Innovation and Knowledge Transfer in City Regions U. of Toronto	2001-2018
Topics in Global Affairs IV: Innovation Systems and Innovation Policy Munk School of Global Affairs, U. of Toronto	2016-18

## c. Thesis Supervisions

*Masters (Completed)*

Stephen Milton, Constructing a Theoretical Framework for Understanding Daycare Policy in Ontario, February, 1986, (Secondary Supervisor).

*Doctoral (Completed)*

Gregg Olsen, On the Limits of Social Democracy: The Rise and Fall of the Swedish Wage Earner Funds, September 1990 (Department of Sociology) (Secondary Supervisor).

Rodney Haddow, State, Class and Public Policy: Canadian Poverty Policy, 1963-78, December 1990 (Primary Supervisor).

Bob Maton, Politics and Contradiction: The Re-emergence of Neo-Liberalism in Ontario Workers' Compensation Policy, September 1991 (Social Work) (Secondary Supervisor).

Suzanne Findlay, Facing the State: The Politics of the Women's Movement in Canada, 1966-1988, June 1995 (Secondary Supervisor).

Jennifer Keck, Making Work: Federal Job Creation Policy, 1970-1980, September 1995 (Faculty of Social Work) (Primary Supervisor).

Greg Inwood, Continentalism versus Nationalism: Ideology in the Mirror of the MacDonald Royal Commission, January 1997 (Secondary Supervisor).

Lisa Mills, Cows and Capital: The Regulation of Bovine Growth Hormone in Canada and the US, 1986-1996, January 1999 (Primary Supervisor).

Chantal Blouin, The Role of Experts in Telecommunications Policy: A Comparative Analysis, April 2001 (Primary Supervisor).

Jan Krouzil, Canada's 'Free Trade' Policy Experience from Economic Adjustment to Civil Participation, September 2001 (Primary Supervisor).

Matthew Lucas, Bridging a Cultural Divide: Strengthening Similarities and Managing Differences in University-Industry Relationships, November 2004 (IHPST) (Primary Supervisor).

David Trick, Continuity, Retrenchment and Renewal: The Politics of Government-University Relations in Ontario, 1985-2002, August 2005 (Secondary Supervisor).

Tijs Creutzberg, Governing a Knowledge Economy: Scalar, Civic and Strategic Dimensions of Contemporary Economic Governance in North America, May 2006 (Primary Supervisor).

Simonida Simonovic, Democratizing Capacities of Information Technologies: Choices or Obligations for the Electronically Based Modernization of Governments along the New Balkan Borders of Europe, January 2007 (Primary Supervisor).

Michele Mastroeni, How Small Economies Finance High-tech Industries: Seeking Variance in Innovation Commercialization, September 2007 (Primary Supervisor).

Dean A. Hennessy, The Emergence and Evolution of Industry Clusters: A Study of the Biotechnology Industry in Canada (Rotman School of Management) December 2007 (Secondary Supervisor).

Suna Bayrakal, Canadian Environmental Policy and Technological Innovation: Air Pollution and the Automobile, (Faculty of Environmental Studies, York U.) December 2008 (Secondary Supervisor).

Jen Nelles, Civic Capital and the Dynamics of Inter-municipal Cooperation for Regional Economic Development, February 2009 (Primary Supervisor).

Allison Bramwell, Networks are Not Enough: Urban Governance and Workforce Development in Three Ontario Cities, April 2010 (Primary Supervisor).

Rahim Rezaei, The Role of Domestic Private-sector Health Biotechnology Enterprises in Developing Countries in Addressing Local and Global Health Needs, (Institute of Medical Science, Faculty of Medicine), March 2011 (Secondary Supervisor).

Connie McRae-Buchanan, The Social Citizenship Tradition in Anglo-American Thought, May 2013 (Primary Supervisor).

Carey Doberstein, Homelessness policy networks in Canadian cities: how networks matter to policy development, June 2014 (Primary Supervisor).

Nicola Hepburn, Minding the Gap between Promise and Performance: The Ontario Liberal Government's Research and Innovation Policy, 2003-2011, September 2014 (Primary Supervisor).

Zack Taylor, The Politics of Metropolitan Development: Ideas, Interests, and Institutions in the Making of Urban Governance in the United States and Canada, 1800-2000, March 2015 (Primary Supervisor).

*(In Progress)*

Scott Sams, Mind the Gap: Transportation governance in three city regions, 1950-2010 (Primary Supervisor).

Rachel Gibson, *The Role of International Trade Fairs in the Global Political Economy: Exploring the Dynamics of National Specialization through an Analysis of Inter-firm Interaction across Capitalist Varieties* (Secondary Supervisor).

Jacqueline Peterson, *The Politics of Pipes and Potholes: Resilience and Urban Infrastructure Investment in Calgary, Alberta and San Antonio, Texas* (Secondary Supervisor).

Elena Goracinova, *Emerging Forms of Networked Industrial Policy: Germany and the US* (Primary Supervisor).

Nicholas Conserva, *Industrial districts and the role of the European Union. A theoretical framework to understand the development of district policies* (Secondary Supervisor)

Travis Southin, *Inclusive' Innovation Policy and Automated Manufacturing: Assessing Canada's Innovation Agenda in Light of Industry 4.0* (Primary Supervisor)

*Post-Doctoral Fellows*

Lisa Mills, *CoMedia: The Role of Institutions in Shaping Innovation, 1999-2001.*

Matthew Lucas, *Innovation Systems and Economic Development: The Role of Local and Regional Clusters in Canada, 2004-2005*

Tijs Creutzberg, *Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions, 2006-2007*

Jen Nelles, *Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions, 2008-2009*

Allison Bramwell, *Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions, 2010-2012.*

Nicole Goodman, *The Voice of e-Democracy Panel in the City of Markham, 2013.*

Scott Aquanno, *From Financial Innovation to Innovation Policy: The Federal Reserve and the New Political Economy of Development, 2013-2014.*

Patrick Galvin, *Manufacturing policy and the Canadian automotive sector: analysis and options for growth, sustainability and global reach, 2013-14 and Creating Digital Opportunity: Canada's ICT Industry in Global Perspective, 2014-2015.*

Natalie Waldbrook, *"Developing Regional Health Innovation Ecosystems," AGE-WELL NCE Project and Creating Digital Opportunity, 2015-2017.*

E. ADMINISTRATIVE POSITIONS

- |        |  |         |
|--------|--|---------|
| 13. a. | Member, Committee on Status of First Year Courses, Dept. of Political Economy, | 1981-82 |
|        | Co-ordinator, Political Economy Lecture Series, Erindale College,              | 1982-85 |
|        | Member, Academic Affairs Committee, Erindale College,                          | 1989-90 |
|        | Member, Academic Appeals Board, Faculty of Arts and Science,                   | 1989-90 |
|        | Assistant Chair, Dept. of Political Science, Erindale College,                 | 1993-94 |

Member, Library Committee, Erindale College,	1993-2001
Member, Curriculum and Planning Committee, Dept. of Political Science,	1993-2012
Coordinator, Political Economy Area, Dept. of Political Science,	1993-2001
Member, Review Panel, Self-Funded Research Grants Program, Office of Research Services, University of Toronto,	1994-96
Chair, Organizing Committee, Speaking Out: A Conference in Honour of Mel Watkins, University College, U. of Toronto	1998
Search Committee, Associate Dean, Division II, Erindale College, U. of Toronto at Mississauga	1998
Research Coordinator, Dept. of Political Science	1999-2012
Member, Executive Committee, Centre for Innovation Law and Policy Faculty of Law, University of Toronto	2000-06
Promotions Committee, Institute for the History and Philosophy of Science and Technology	2003-04 2011-12
Search Committee, Chair, Department of Political Science, University of Toronto Mississauga	2006
Member, Senior Promotions Committee, Faculty of Arts and Science University of Toronto	2006-2009
Member, Social Science Review Panel, Connaught Program, University of Toronto	2010-13
Search Committee, Chair, Department of Political Science, University of Toronto Mississauga	2010-11
Director, Research, Fellowships and Awards, Munk School of Global Affairs	2011-14
Representative, University of Toronto to the Social Science Federation of Canada	2011-14
Member, Review Panel, Connaught Summer Institute Program, University of Toronto	2012-13
*Co-Director, Innovation Policy Lab, Munk School of Global Affairs	2012-18
*SSHRC Leader, University of Toronto	2014-18
*Member, Research Advisory Board, University of Toronto	2014-18
*Member, Senior Promotions Committee, Institute for the History and Philosophy of Science and Technology	2016-18
Search Committee, Director of the Institute for the Management of Innovation, University of Toronto Mississauga	2016-17

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|--|---------|
| Search Committee, Vice President and Principal, University of Toronto<br>Mississauga | 2016-17 |
| b. Coordinator, Canadian Studies Programme, Glendon College, York U.,                | 1979-81 |

F. OTHER RELEVANT INFORMATION

14. a. Referee for the Following Publishers and Journals

Cambridge University Press  
McGill-Queen's University Press  
Oxford University Press  
Stanford University Press  
University of Toronto Press  
Yale University Press  
Canadian Journal of Political Science  
Canadian Journal of Regional Science  
Canadian Journal of Sociology  
Canadian Journal of Urban Research  
Canadian Public Administration  
Canadian Public Policy  
Comparative Politics  
Current Sociology  
Economic Geography  
Entrepreneurship and Regional Development  
Environment and Planning A  
Environment and Planning C  
European Planning Studies  
Growth and Change  
Industrial and Corporate Change  
Innovation, Organization and Management  
International Journal of Urban and Regional Research  
International Journal of Innovation and Regional Development  
Industry and Innovation  
Journal of Canadian Studies  
Journal of Economic Geography  
Journal of International Migration and Integration  
Labour/Le Travail  
Organization Science  
Papers in Regional Science  
Studies in Political Economy  
Regional Studies  
Regional and Federal Studies  
Research Evaluation  
Research Policy  
Review of International Political Economy  
Review of Research Policy  
Technovation  
Territory, Politics, Governance  
Triple Helix  
Urban Studies

b. Referee for the Following Research Councils

Social Sciences and Humanities Research Council of Canada  
 Fonds pour la Formation de Chercheurs et l'Aide a la Recherche  
 National Science Foundation, U.S.  
 Innovation Research Initiative, Economic and Social Research Council, U.K.  
 Swiss National Science Foundation

c. Research Advisory and Adjudication Committees

Member, Research Advisory Group, Politics of Economic Policy Section, Royal Commission on the Economic Union and Development Prospects for Canada.	1983-1985
SSHRC Research Development Initiatives Program Adjudication Committee	2000-2001
Bell University Laboratories Research Grant Selection Committee, U. of Toronto	2000-2004
Member, Canada Research Chairs College of Reviewers	2005-2006
Expert Review Panel, Ontario Council of Graduate Studies, Review of new Master of Design in Strategic Foresight and Innovation, Ontario College of Art & Design	2009

15. Related Professional Activities

Co-ordinator and Lecturer for “Management Update: Canada”. Seminar Series for Xerox Canada, Glendon College, York University, May-July, 1980.

“The Politics of Recession”. Address to a United Steelworkers of American Staff Course on the Economics of Recession, Toronto, January 11, February 8, March 8, April 15, 1982.

“The Future of the Canadian Economy”. Address to the Ranking Officers Seminar of the C.L.C. Winter School on Unions and The Future, Harrison Hot Springs, B.C., February 10, 1982.

“Trade Unions and Inflation”. Workshop for The British Columbia Nurses Union Labour School, Penticton, B.C., October 14, 1983.

“Trade Unions and the Current Economic Crisis”. Address to United Steel Workers of America, Local 1005 Seminar, Hamilton, Ontario, November 8, 1982 and March 5, 1983.

“The Policy-making Process in Canada”. Address to a Seminar on Equal Employment Opportunity Issues in Canada, sponsored by O.R.C. Canada, Inc., Toronto, August 16, 1983.

“Tax Policy and the Distribution of Income”. Address to the Third Annual Division Workshop of the Policy and Program Development Division, Ministry of Community and Social Services, Government of Ontario, Geneva Park, Ontario, October 25, 1984.

“Tax Expenditures Funding of Social Services”. Address to the Deputy Minister's Key Management Meeting, Ministry of Community and Social Services, Government of Ontario, Toronto, February 5, 1985.

“The Rise and Decline of Canadian Social Policy”. Keynote Address to the Union Counsellors Conference, Ontario Federation of Labour, Toronto, September, 1985.

“The Economy: Their Agenda versus Our Agenda”. Keynote Address to the Union Counsellors Conference, Ontario Federation of Labour, Kitchener, October, 1987.



Consulting Services to the Ontario Premier's Council Secretariat in the preparation of its Report on *People and Skills in the New Global Economy*, January-February, 1990.

“Sectoral Development and Competitive Advantage”. Address to the Health Industries Workshop, Health Industries Advisory Council, Toronto, November 2, 1993.

“Technology and Learning in the New Economy”. Keynote Address to the 18th. Annual National Conference, Managing Change/Changing Management, Canadian Association of Social Work Administrators in Health Facilities, St. John's, Nfld., October 5, 1994.

“The Role of Sectors in Economic Development and Training”. Address to the Learning Organization - Lecture Series, Ontario Training and Adjustment Board, Toronto, March 7, 1995.

with Leon Muszynski, “Funding Alternatives in the Training System: A Review of the Comparative Experience,” paper prepared for the Corporate Policy Support Branch, Ontario Training and Adjustment Board, October, 1995.

with Ammon Salter, “The Socio-Economic Importance of Scientific Research to Canada,” A discussion paper prepared for the Partnership Group for Science and Engineering, October, 1997.

“Local and Regional Systems of Innovation: Relevant Experience and Best Practices,” A discussion paper prepared for the Ontario Council for Innovation, November, 1997.

“The Role of the Provinces in PSE Research Policy,” A discussion paper prepared for the Council of Ministers of Education, Canada, February, 1998.

“Innovation in the Knowledge-Based Economy/Society: Gaps and Opportunities,” Presentation to the Association of Universities and Colleges of Canada, Ottawa, June 25, 1998.

Consulting services to the Planning and Assessment Branch, National Research Council, Ottawa, in the preparation of a discussion paper on “Supporting the Knowledge-Based Economy in the 21<sup>st</sup> Century”, Ottawa, Sept., 1998.

“Quality and Accountability in PSE Research: The Measurement Challenge”, A discussion paper prepared for the Council of Ministers of Education, Canada, December, 1998.

“Innovation Systems for Healthy and Sustainable Communities”, A discussion paper prepared for the Conference on Innovative, Healthy, Sustainable Communities, Kingston, March, 1999.

“Innovating Together: The Role of Linkages in the Learning Economy,” Presentation to the Leadership Workshop, National Research Council, Cornwall, Nov. 24, 1999.

“Government Support for E-business: Comparative Experiences”, Report prepared for the Canadian E-business Opportunities Roundtable, and the Task Force on Electronic Commerce, Industry Canada, December, 1999.

Consulting services to the Science, Technology and Innovation Branch, Ontario Ministry of Energy, Science and Technology, in the preparation of a report by HAL Corp. on “A Framework for Evaluating the Ontario Government’s Investment in Science, Technology and Innovation,” Toronto, Dec., 1999.

with Meric S. Gertler, “The New Economy: An Overview and Bibliography,” Report prepared for the Social Sciences and Humanities Research Council of Canada, February, 2001.

Consulting services to the Information and Communication Technologies Branch, Ontario Ministry of Economic Development and Trade, in the preparation of a report by HAL Corp. on “Information and Communications Technologies Sector Profile”, Toronto, March, 2001.

with Meric S. Gertler, “Local Social Knowledge Management: Community Actors, Institutions and Multilevel Governance in Regional Foresight Exercises,” Paper prepared for *Mobilising the Potential of Regional Foresight Actors for an Enlarged EU*, SRATA-ETAN Expert Group Action, Brussels, April, 2002.

Consulting services to the Innovation Policy Branch, Industry Canada in the preparation of a report on *Government of Canada Programs that Encourage Community-Based Innovation Planning*, August, 2002.

with Tijs Creutzberg, *Community Participation and Multilevel Governance in Economic Development Policy*, Paper prepared for the Ontario Panel on the Role of Government, August, 2003.

with Meric S. Gertler and Nichola Lowe, *Western GTA Regional Innovation Profile*, Research Report prepared for the Western GTA Consortium under the Biotechnology Cluster Innovation Program, Government of Ontario, February, 2004.

Member, Expert Panel, Formative Evaluation of the National Research Council’s Atlantic Initiatives, April - December, 2004.

Consulting services to the Corporate Services Branch, National Research Council in Preparation of a *Pilot Baseline Study of the NRC’s Technology Clusters*, with HAL Corporation, Ottawa, August, 2005.

Consulting services to the Corporate Services Branch, National Research Council in Preparation of a *Baseline Study of the NRC’s Technology Clusters*, with HAL Corporation, Ottawa, January-April, 2006.

*Knowledge and Innovation*, a discussion paper prepared for the Ontario Research and Innovation Council, Ministry of Research and Innovation, July, 2006.

Consulting services to the Local Economic and Employment Development (LEED) Programme, OECD in the preparation of a report on The Nature and Development of The Waterloo ICT Cluster, February, 2007.

Consulting services to the Corporate Services Branch, National Research Council in Preparation of a *Baseline Study of the NRC’s Technology Clusters*, with HAL Corporation, Ottawa, January-April, 2007.

Consulting services in preparation of *Niagara Advanced Materials and Manufacturing Cluster: Project Report*, Welland, January-July, 2007.

Consulting services to the Ontario Ministry of Agriculture, Food and Rural Affairs in the preparation of a *Review of the Ontario Agri-Food Innovation and Commercialization Organizations*, with HAL Corporation, Guelph, November, 2007 to March, 2008.

*Cluster Policies and Cluster Strategies: Lessons from the ISRN’s National Study*, a report prepared for the Ontario Ministry of Research and Innovation, February, 2008.

*Ontario’s Entertainment and Creative Cluster Study*, a report prepared for the Ontario Ministry of Culture, with HAL Corporation, Toronto, December, 2008.

with Andrew Munro, *Best Practices in Canadian Universities' Tech Transfer*, a report prepared for the Ontario Ministry of Research and Innovation, January, 2010.

Member of Expert Team on Study Mission to Andalucia for the OECD Centre for Entrepreneurship - Local Economic and Employment Development Programme, in preparation of a *Review on Entrepreneurship, Smes and Local Development in Andalucia, Spain* April, 2010.

*From Entanglement to Alignment: A Review of International Practice in Regional Economic Development*, Mowat Centre for Policy Innovation, Toronto, June, 2010.

with Neil Bradford, *Towards a Transformative Agenda for FedDev Ontario*, Mowat Centre for Policy Innovation, Toronto, June, 2010.

with Tijs Creutzberg, *Ontario Innovation Scorecard, 2010*, a report prepared for the Ontario Ministry of Research and Innovation, Toronto, October, 2010.

with Allison Bramwell and Andrew Munro, *Clusters, Collaboration and Networking: Review of International Best Practice and Implications for Innovation in Canada*, a report prepared for the Strategy and Development Branch, National Research Council of Canada, Ottawa, April, 2011.

*The Role of Universities in Regional Economic Development*, a report prepared for the Council of Ministers of Education of Canada, Toronto, May, 2011.

with Tijs Creutzberg and Allison Bramwell, *An Action Plan for Innovation in Mississauga*, Prepared for the RIC Centre, Mississauga, August, 2011.

*GTA Wood Cluster Analysis*, report prepared for the Ontario Ministry of Natural Resources with HAL Corporation, Toronto, March, 2012.

*An Assessment of Technology Industry Innovation Needs in Calgary*, Report prepared for the City of Calgary with HAL Corpn, October 4, 2012.

*Exploring Clusters: Best Practices and Implications for Southern Ontario*, Report prepared for the Federal Economic Development Agency for Southern Ontario with HAL Corpn, February 11, 2013.

*Creative Cluster Innovation Framework Development*, Working Paper S1 prepared for the Ontario Ministry of Tourism, Culture and Sport with HAL Corpn., August 23, 2013.

*Report of the Expert Panel on Ontario Government Support for Business Programs*, Ontario Ministries of Finance and Economic Development, Trade and Employment, 2013-2014. Report submitted July 2014, released to the public, April 2016 (with Margaret Dalziel and Douglas Cummings).

*Quantifying Creative Cluster Innovation*, Working Paper S2, Creative Clusters and Innovation Project for the Ontario Ministry of Tourism, Culture and Sport, with HAL Corp, Sept. 23, 2014.

*MEDEI Cluster Evaluation Framework: Review and Validation*, Report prepared for the Ontario Ministry of Economic Development, Employment and Infrastructure, July 15, 2015.

\*With Richard DiFrancesco and Atif Kubursi, *Foreign Direct Investment and Economic Development in the Toronto Region: Quantitative and Qualitative Interpretations*, Report prepared for Toronto Global, Toronto, July, 2017.

*\*Impact and Effectiveness of Public Support for Business Innovation*, Report prepared for the Treasury Board Secretariat Horizontal Review of Business Innovation and Cleantech Policies, Ottawa, October, 2017.

#### 16. Community and Public Sector Activities

Member, Labour Education Committee, Toronto Board of Education, 1980-86.

“Constitutional Reform and Human Services”. Background Paper prepared for the Ontario Welfare Council, August, 1980.

Member, Board of Directors, Social Planning Council of Metropolitan Toronto, 1981-87.

with Jeffrey Patterson, Brief Submission to the Parliamentary Task Force on Federal-Provincial Fiscal Arrangements by the Social Planning Council of Metropolitan Toronto, Appendix “Fisc-15” to the Minutes of Proceedings and Evidence of the Special Committee on the Federal-Provincial Fiscal Arrangements, House of Commons, Parliament of Canada, Issue No. 7, May 6, 1981, pp. 7A:4-7A:25.

Chairman, Program Committee, Social Planning Council of Metropolitan Toronto on the Policy Statement, “A Job For Everyone: A Response to Unemployment Policies in Canada”, August, 1982.

Member, Board of Directors, Canadian Centre for Policy Alternatives, 1983-84.

Chairman, Program Committee of the Social Planning Council of Metropolitan Toronto, Brief Submission to the Royal Commission on the Economic Union and Development Prospects for Canada, “Democracy, Equality and Canada's Economic Future”, December, 1983.

Convener, Organizing Committee, National Conference of the Canadian Centre for Policy Alternatives, “Alternative Paths to Jobs, Development, Equality and Peace”, Toronto, March 22-25, 1984.

Presented (with Jeffrey Patterson, Senior Program Director) a Policy Paper on Universality and Social Policy: A Response to the Federal Government's Child and Elderly Benefits Consultation Paper, to the Standing Committee on Health, Welfare and Social Affairs, House of Commons, Parliament of Canada, Ottawa, March 21, 1985.

Co-author (with Jeffrey Patterson) a brief submission on behalf of the Social Planning Council of Metropolitan Toronto to the Commission of Inquiry on Unemployment Insurance, “The Need to Renew Canada's Commitment to Full Employment”, January, 1986.

Chairman, Project Committee of the Social Planning Council of Metropolitan Toronto on the Policy Report, *Missing the Mark: Government Spending on Income Support and Training in Toronto*, April, 1988.

Chairman, Project Committee of the Social Planning Council of Metropolitan Toronto on the Policy Report, *Target on Training: Meeting Workers' Needs in a Changing Economy*, January, 1989.

Member, Study Team 2: Colleges and the Changing Economy, Vision 2000: A Review of the Mandate of the Colleges of Applied Arts and Technology, Ontario Council of Regents, 1989.

Member, Steering Committee, Project on Regional Strategies for Innovation and Growth, Ontario Council for Innovation, 1997-98.

Member, Western GTA Consortium Advisory Board for the Biotechnology Clusters Innovation Program, 2003-2005.

Testimony before House of Commons Standing Committee on Industry, Natural Resources, Science and Technology, on “From Industrial Strategy to Innovation Policy,” November 24, 2004.

Advisory Committee to the Conference Board of Canada on the Innovation Benchmarks Report and the Canada Project, 2004-2005.

Member, Expert Advisory Panel to the Deputy Minister, Human Resources and Skills Development Canada on Productivity, Employment and Skills Development, 2005.

Member, Advisory Committee, Toronto Region ICT Strategy, Economic Development Department, City of Toronto, 2005-2007.

Member, Advisory Committee, Annual Toronto Region Innovation Guide, Toronto Region Research Alliance, 2006-2008.

Testimony before the House of Commons Standing Committee on Canadian Heritage. Hearings on The Future of Digital Media and Digital Industries in Canada, April 27, 2010.

Member, Coalition for Action on Innovation in Canada, *An Action Plan for Prosperity*, October, 2010.

Member, Advisory Board, i-Canada Initiative, Canadian Advanced Technology Alliance. 2011-14.

Member, Expert Panel on Socio-economic Impacts of Innovation Investments in Ontario, Council of Canadian Academies, 2012-13.

Member, OECD Steering Group on the Knowledge Triangle, (Nominated on the recommendation of Industry Canada), 2015-2016.

\*Member, Expert Panel on the State of Industrial Research and Development in Canada, Council of Canadian Academies, 2016-18.