

UNIVERSITY OF TORONTO

THE UNIVERSITY OF TORONTO SCARBOROUGH CAMPUS COUNCIL

REPORT NUMBER 25 OF THE ACADEMIC AFFAIRS COMMITTEE

April 25, 2017

To the University of Toronto Scarborough Campus Council, University of Toronto Scarborough,

Your Committee reports that it met on Tuesday, April 25, 2017 at 4:10 p.m. in the Council Chamber, Arts and Administration Building, with the following members present:

Present:

Professor Elaine Khoo, Chair
Mr. Andrew C. Leung, Vice-Chair
Professor Bruce Kidd, Vice-
President and Principal
Professor William Gough, Vice-
Principal Academic and Dean
Professor Heinz-Bernhard Kraatz,
Vice-Principal, Research
Professor Syed W. Ahmed
Mr. Conor Anderson *
Professor William Bowen
Professor Shelley Brunt
Mr. Dean Carcone
Ms Jacqueline Deane
Professor Tarun Dewan
Ms Gautami Gupta
Dr. Alen Hadzovic
Professor Clare Hasenkampf
Ms Whitney Kemble *
Professor Hugh Laurence
Ms Brenda Librecz
Dr. Karen McCrindle
Dr. Matthias Niemeier *
Dr. Mahinda Samarakoon
Professor Mark A. Schmuckler
Professor Mary T. Silcox *
Professor Larry Sawchuck
Ms Gobika Sithamparanathan

Non-Voting Assessors:

Ms Annette Knott
Dr. Janelle C. LeBoutillier

Secretariat:

Ms Kathy Fellowes
Ms Rena Prashad

Absent:

Professor George B. Arhonditsis
Ms Hira Ashraf
Professor Sandra Bamford
Professor Christine Bolus-Reichert
Professor Leslie Chan
Professor Li Chen
Ms Agatha Cheng
Ms Monica Cheng
Professor Chris Cochrane
Dr. Curtis Cole
Professor George Cree
Professor Neal Dolan
Mr. George Fadel
Professor David J. Fleet
Professor John A. Hannigan
Professor Benj Hellie
Professor Mark Hunter
Professor Alexander Irving
Ms Katie Konstantopoulos

Absent Cont.

Professor Philip Kremer
 Professor Patricia Landolt
 Professor Andrew C. Mason
 Dr. Jennifer McKelvie
 Ms Victoria Owen
 Mr. Desmond Pouyat

Dr. Tayyab Rashid
 Professor Pascal Riendeau
 Dr. Zohreh Shahbazi
 Dr. Jayeeta Sharma
 Professor Grace Skogstad
 Professor Andre Sorensen
 * Telephone Participants

In attendance:

Ms Christine Arsenault, Managing Director, Department of Management
 Dr. Zahra Bhanji, Director, Office of the Vice-Principal, Research
 Ms Sarah Forbes, Acting Chief Librarian, UTSC Library
 Professor Lisa Harvey, Department of Management
 Ms Anna Lau, Assistant Director, External Relations, Department of Management
 Professor George Quan Fun, Department of Management
 Professor Jason Wei, Department of Management

1. Chair’s Remarks

The Chair welcomed members and guests to the meeting and introduced the members who participated in the meeting by teleconference.

She congratulated Ms Katie Konstantopoulos on being awarded a *Gordon Cressy Leadership Award*, recognizing her extra-curricular contributions to UTSC.

2. Proposal for a New Program: Master of Accounting and Finance (MAccFin), Department of Management, UTSC

The Chair invited Professor William Gough, Vice-Principal, Academic and Dean, to introduce the proposal for the Master of Accounting and Finance (MAccFin).

Professor Gough introduced the faculty and staff members from the Department of Management who were intimately involved the development of the MAccFin: Ms Christine Arsenault, Professor Lisa Harvey, Professor Hugh Laurence, Professor George Quan Fun, and Professor Jason Wei. He explained that the Department of Management had created an offering that would enhance the reputation of UTSC, meet market demands, and fulfill a unique niche at the University. Professor Gough invited Professor Mary Silcox, Vice-Dean, Graduate, to present the proposal.

Professor Silcox reported that the MAccFin was a 16 month (i.e. 12 months of classroom learning, and 4 month work term) professional graduate program in Accounting and Finance. She explained that the program provided a foundation for dual professional accreditation (i.e. Chartered Professional Accountant (CPA) and Chartered Financial Analyst (CFA)), which

would be attractive to prospective students. To be successful in the business world, students in the program would learn a combination of research and practical skills led by tenure and teaching-stream faculty. The program was expected to begin in 2018 May with an initial class size of 45. To conclude, Professor Silcox reported that program revenues would support the expenses related to the program.

A member asked what the specific admission requirements were for the MAccFin. Professor Silcox explained that applicants were admitted under the School of Graduate Studies (SGS) general regulations plus additional requirements (i.e. a four year degree with specialization in Accounting or equivalent, grade point average, and English language proficiency).

On motion duly made, seconded, and carried,

YOUR COMMITTEE RECOMMENDS,

THAT the Master of Accounting and Finance (MAcc.Fin.), as described in the proposal dated April 4, 2017, and recommended by the Vice-Principal Academic and Dean, Professor William Gough, be approved effective May 2018.

3. Annual Report: Vice-Principal, Research – UTSC

The Chair invited Professor Heinz-Bernhard (Bernie) Kraatz, Vice-Principal, Research, to present the Annual Report to the Committee. His presentation¹ included the following highlights:

- In 2015 and 2016, UTSC published over 700 scholarly journal articles, books and book chapters;
- Scholars at UTSC continued to collaborate internationally with academics from institutions including: Carnegie Mellon University, Imperial College London, University of Michigan, and University of Oxford, which attracted research funding;
- In 2016-17, 239 UTSC scholars were recipients of Tri- Council funding (i.e. NSERC- Natural Sciences and Engineering Research Council, SSHRC- Social Sciences and Humanities Research Council, and CIHR- Canadian Institute for Health Research) in the amount of approximately \$11.4M ;
- Over the past four years the Office of the Vice-Principal, Research had been involved in the administrative oversight of 687 external grant applications and provided enhanced support to approximately 317 applications;
- The Research Advisory Board served as a channel for information dissemination on matters related to research to and from departments, as well as an advisory group to the Vice-Principal, Research. The Board was also responsible for the evaluation of nominees/applicants for internal research awards and funds;

¹ Presentation- Annual Report: Vice-Principal, Research – UTSC

- In 2016-17 \$15,150 was allocated to the Research Grant Enhancement Fund (i.e. review of grant applications) and \$141,309 was allocated to the Research Competitiveness Fund (i.e. enhance external grant applications with an emphasis on Tri-Council funds);
- In 2016-17 the Office of the Vice-Principal, Research, funded \$63,516 in research events focused on students, faculty and community outreach (e.g. UTSC Start-up Competition, Science Rendezvous, and New Frontier Seminar Series);
- An Undergraduate Research Poster Forum was developed in 2016-17, and Faculty and Student Research Awards continued; and
- In 2016-17 The Hub, a space on campus that encouraged entrepreneurial enterprise, fostered the development of over 20 start-up companies (i.e. StageKeep, Volykos, and Genecis).

In response to a question regarding research opportunities for undergraduate students, Professor Kraatz commented that the Office had, in collaboration with Academic Advising & Career Centre, developed a research catalogue, which was a repository of all research opportunities. He remarked that it was actively promoted to students and faculty were encouraged to post positions on the catalogue. Due to its success at UTSC, the research catalogue was being implemented on the St. George campus.

4. Assessors' Reports

The Chair invited Professor Gough to deliver his report to the Committee. Professor Gough provided updates on the following topics:

- **Research Intensive/Graduate Student Campus:** Professor Gough commented on building research intensity on campus through the creation of Extra-Departmental Units C (EDU: C.), which were multi-department research clusters. In addition, he explained that Collaborative Specializations (CS), graduate opportunities that provided additional multidisciplinary experiences to students, were also being encouraged. Professor Gough suggested that a CS could be first step in creating an independent graduate program.
- **Indigenous Initiatives:** The Dean's Office planned to hire indigenous faculty, and include indigenous content into curriculum in a respectful and accurate manner. UTSC had developed a relationship with First Nations University in Regina, Saskatchewan and anticipated faculty and student visits and possibly exchanges.
- **International Students & International Mobility:** The Dean's Office had been working with the Registrar's Office and the International Academic Programs and Initiatives (IAPI) group, to diversify the international recruitment markets for direct entry and entry via pathway programs (i.e. Green Path Program). In addition, efforts were also being placed on outbound international opportunities for students. Co-op placements and academic terms spent outside of Canada were being encouraged. However, financial barriers posed a challenge for students at UTSC, where 83 percent of domestic students were Ontario Student Assistance Program (OSAP) eligible. Funding options were being

explored and considered to provide more opportunities.

- **Great Explorations Speakers Series:** The Dean's Office developed a lecture series for members of the community to attend. The lectures focused on Canadian themes consistent with the Sesquicentennial celebration. The presenters for the series included: Professor Anne-Emanuelle Birn, Professor Andrea Charise, Professor Chris Cochrane, and Professor Grace Skogstad. Planning for the second series was underway for Fall 2017.

5. Report of the Previous Meeting: Report Number 24- Tuesday, March 28, 2017

The report of the previous meeting was approved.

6. Business Arising from the Report of the Previous Meeting

There was no business arising from the report of the previous meeting.

7. Date of the Next Meeting (reserve date) – Wednesday, June 14, 2017 at 4:10 p.m.

The Chair reminded members that the last scheduled meeting of the Committee for the 2016-17 governance year would be held on Wednesday, June 14, 2017 at 4:10 p.m.

8. Other Business

No other business was raised.

The meeting adjourned at 5:49 p.m.

Secretary

Chair

Office of the Vice-Principal, Research Presentation 2016-2017

UTSC Academic Affairs Committee
April 25, 2017

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Prestigious Awards and Honours



Marc Cadotte(2014-2019)
TD Professor of Urban Forest
Conservation & Biology
Dept. Biological Sciences



John Friedlander
University Professor(2002)
Joseph L. Doob Prize from AMS(2017)
Dept. Computer & Mathematical
Sciences



John Kennedy(2009)
University Professor
Dept. Psychology



Zindel Segal(2013)
Distinguished Professor
Dept. Psychology



Herbert Kronzucker(2015)
Distinguished Professor
Dept. Biological Sciences



Balint Virag(2014)
Co-Exeter James Prize from
CMS
Dept. Computer &
Mathematical Sciences



Tanya Mars(2008)
Governor General Award in
Visual & Media Arts
Dept. Arts, Cultural & Media



Andrea Charise(2014)
John Charles Polanyi Prize
in English
Dept. Health Studies



Katherine Larson(2008)
John Charles Polanyi Prize in
English
Dept. English



Rick Halpern(2008)
Bissell-Heyd Chair of
America Studies
Dept. Historical &
Cultural Studies

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Royal Society of Canada



John Friedlander (1988)
Dept. Computer and
Mathematical Sciences



Lisa Jeffrey (2007)
Dept. Computer and
Mathematical Sciences



John Kennedy (2005)
Dept. Psychology



Michael Lambek (2000)
Dept. Anthropology



Judith Teichman (2014)
Dept. Political Sciences



Balint Virag (2014)
Dept. Computer and
Mathematical Sciences



Nathalie Rothman (2016)
Dept. Historical and
Cultural Studies

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UTSC Awards

UTSC Research Excellence Faculty Scholars



Frank Wania (2016-2019)
Dept. Physical and Environmental Sciences



Michael Inzlicht (2016-2019)
Dept. Psychology



Lisa Jeffrey (2016-2019)
Dept. Computer and
Mathematical Sciences

UTSC Research Recognition Award



Anthony Ruocco(2016)
Dept. Psychology

UTSC Principal Research Award



Maydianne Andrade(2016)
Dept. Biological Sciences



Nick Eyles Andrade(2016)
Dept. Physical and Environmental Sciences

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UTSC Canada Research Chairs 2016



Bebhinn Treanor (2016-2021)
Dept. Biological Sciences



Kagan Kerman (2016-2021)
Dept. Physical and Environmental
Sciences



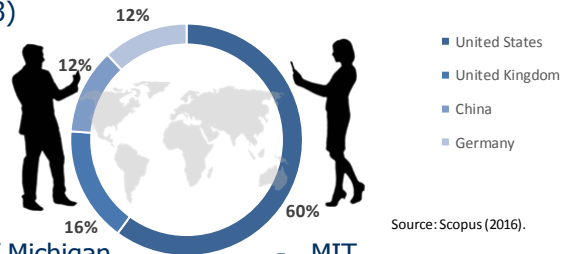
Brian Connelly (2016-2021)
Dept. Management

UTSC Publications 2015 & 2016

Department/Centre	Journal Articles	Books	Book Chapters
Anthropology	47	2	5
Arts, Media & Culture	6	1	3
Biological Sciences	92	0	4
Computer & Mathematical Sciences	44	0	2
CTR Critical Development Studies	27	0	0
CTR French & Linguistics	6	1	3
English	3	3	1
Historical & Cultural Studies	4	4	0
Human Geography	25	0	4
Management	42	1	4
Philosophy	4	2	0
Physical & Environmental Science	186	2	7
Political Science	7	5	1
Psychology	111	1	7
Sociology	14	0	1
Grand Total	618	22	42

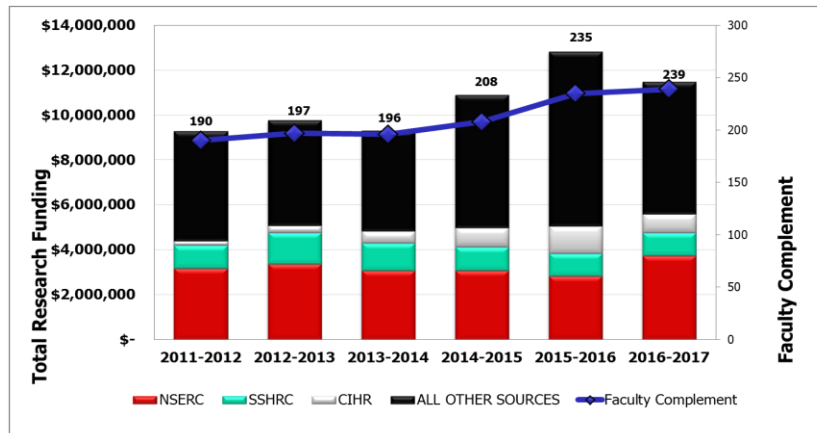
International Collaborations

- Wide network of international collaborations
- Involving researchers from USA (116), China (23), UK (31), Germany (23)



- University of Michigan
- Scripps Institute
- University of Oxford
- MIT
- Imperial College London
- Carnegie Mellon University

UTSC Research Funding



UTSC Research Funding

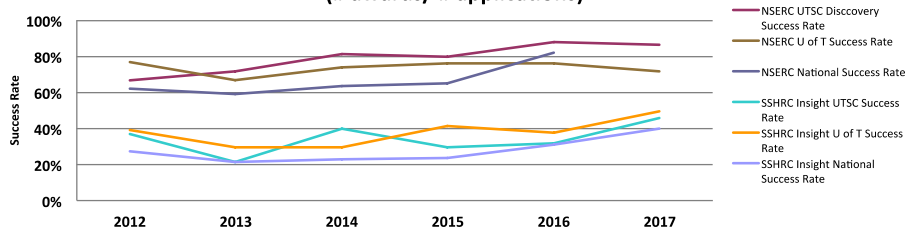
	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017
NSERC	3,170,891	3,359,930	3,071,669	3,078,508	2,816,556	3,735,265
SSHRC	1,024,163	1,407,128	1,228,973	1,039,708	1,012,713	1,012,493
CIHR	192,678	312,057	528,704	855,781	1,224,038	830,770
Other	4,905,657	4,685,564	4,488,527	5,921,902	7,774,246	5,901,226
Faculty	190	197	196	208	235	239
TOTAL:	\$9,293,389	\$9,764,679	\$9,317,874	\$10,895,899	\$12,827,553	\$11,479,754

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NSERC Discovery and SSHRC Insight Grant Success Rates

Start Year	NSERC UTSC Discovery Grants Appns	Funded	NSERC UTSC Discovery Success Rate	NSERC U of T Success Rate	NSERC National Success Rate	SSHRC Insight UTSC Appns	Funded	SSHRC Insight UTSC Success Rate	SSHRC Insight U of T Success Rate	SSHRC Insight National Success Rate
2011	22	17	77.3%	72.1%	57.5%	27	16	59.3%	57.1%	37.0%
2012	18	12	66.7%	76.5%	62.4%	19	7	36.8%	39.4%	27.0%
2013	14	10	71.4%	66.8%	59.0%	19	4	21.1%	29.4%	21.1%
2014	21	17	81.0%	73.8%	63.7%	15	6	40.0%	29.4%	23.0%
2015	20	16	80.0%	75.9%	65.0%	17	5	29.4%	41.0%	23.4%
2016	17	15	88.2%	76.2%	66.0%	22	7	31.8%	37.8%	31.1%
2017	15	13	86.6%	71.3%	TBC	22	10	45.5%	49.2%	40%

NSERC Discovery Grant, SSHRC Insight Grant Success Rates
(# awards/ # applications)



Research Funding by Department 2016 2017

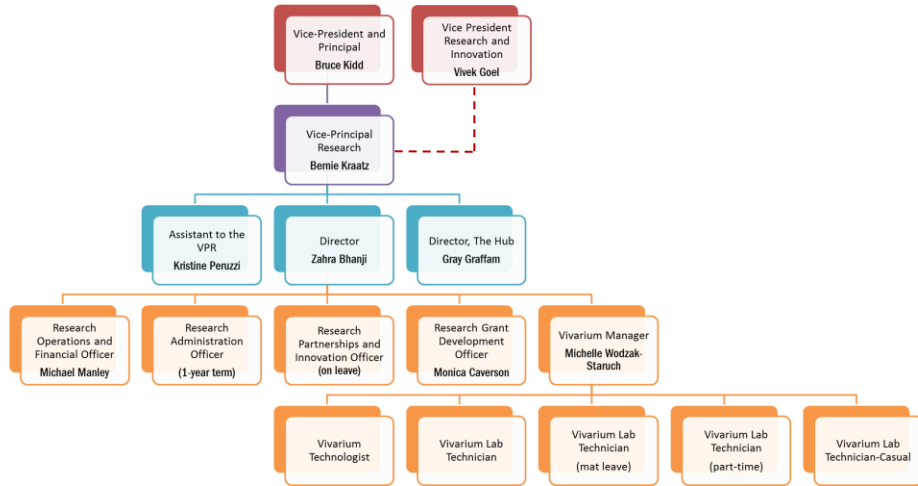
DEPARTMENT/CENTRE	TOTAL VALUE	# OF GRANTS / CONTRACTS
ANTHROPOLOGY	553,624	12
ARTS, CULTURE & MEDIA	50,040	5
BIOLOGICAL SCIENCES	3,437,909	56
COMPUTER & MATHEMATICAL SCIENCES	1,212,664	28
CTR CRITICAL DEV STUDIES	229,571	1
CTR FRENCH & LINGUISTICS	75,400	6
ENGLISH	109,446	6
HISTORICAL & CULTURAL STUDIES	274,580	7
HUMAN GEOGRAPHY	89,519	7
MANAGEMENT	297,839	17
PHILOSOPHY	12,719	2
PHYSICAL & ENVIRONMENTAL SCIENCES	2,526,501	53
POLITICAL SCIENCE	332,226	15
PSYCHOLOGY	2,136,564	29
SOCIOLOGY	140,758	8
LIBRARY	394	1
GRAND TOTAL	\$11,479,754	253

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VPRO Team



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Enhance and promote research activity on campus and fully participant in the rich research landscape at the University of Toronto and beyond.

A Strategy for Success

- Administrative oversight and enhanced proposal development support
- Seed funding to enhance research competitiveness (RCF) and improve proposals (RGEF)
- Funding to offset costs of dissemination of research results (RIF)
- Supporting student research
- Funding for research related events

A strategy for success

- In the past 4 years
 - Administrative oversight of **687** external grant applications
 - Review for compliance with UT protocols for indirect costs if applicable
 - MRA approval process support
- Enhanced processing of **~317** applications
 - Proposal development and editing support
 - Review and feedback on narrative sections of proposal and/or budget review and feedback

Research Advisory Board 2016-2017



Donna Young
Department of Anthropology



Graeme Hirst
Department of Computer
and Mathematical Science



Pascal Riendeau
Department of French and
Linguistics



Mike Ekers
Department of Human
Geography



Carl Michall
Department Physical and
Environmental Sciences



Victoria Owen
Chief Librarian



Kenzie Burchell
Department of Arts, Culture
and Media



Sharlene Mollett
Department of Critical
Development Studies



Andrea Charise
Department of Health
Studies



John Trougakos
Department of Management



Lucan Way
Department of Political
Sciences



Blair Armstrong
Department of Psychology



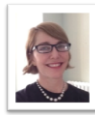
Marc Cadotte
Department of Biological
Sciences



Marjorie Rubright
Department of English



Daniel Bender
Department of Historical and
Cultural Studies



Jessica Wilson
Department of Philosophy



Joe Hermer
Department of Sociology



Michael Schillaci
Department of Anthropology

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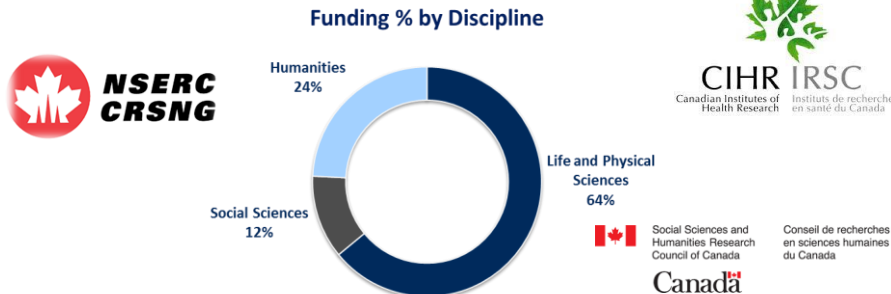
Research Grant Enhancement Fund 2016 2017

Department	Editing # Requests	Editing \$ Amount	Honorarium # Request	Honorarium \$ Amounts	CCV # Requests	CCV \$ Amounts
Anthropology	4	1,000	1	100	1	200
Arts, Culture & Media	2	600	2	200		
Biological Sciences	5	1,500	1	300	2	500
Computer & Mathematical Sciences	1	300				
Ctr Critical Dev Studies	0					
Ctr French & Linguistics	1	300				
English	1	150				
Historical & Cultural Studies	3	900	3	300	2	400
Human Geography	4	1,200	1	100		
Management	3	900	1	100	1	200
Philosophy	1	300	1	100		
Physical & Environmental Sciences	6	1,800				
Political Science	0				1	200
Psychology	7	2,100	8	800	1	200
Sociology	1	300		100		
TOTAL	39	\$ 11,350	18	\$ 2,100	8	\$ 1,700
Grand Total: \$15,150 (2016-2017)						

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Research Competitiveness Fund

- Enhancing the competitiveness of new external operating grant applications with an emphasis on Tri-Council funding programs
 - Since 2011 more than \$800K was awarded to UTSC Faculty
 - In 2016-2017 a total of \$141,309 was awarded



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VPRO Research Impact Fund

Research Impact Fund Totals to Date July 2012 to January 2017		
Department	# Funded	\$ Amount
Anthropology	14	7,000
Arts, Culture Media	7	4,340
Biological Sciences	9	4,500
Centre for Critical Development Studies	0	-
Centre for French and Linguistics	6	3,000
Computer and Mathematical Sciences	0	-
English	7	3,500
Historical and Cultural Studies	3	1,500
Human Geography	2	1,000
Management	5	2,500
Philosophy	4	2,000
Physical and Environmental Sciences	14	7,000
Political Science	3	5,000
Psychology	7	3,500
Sociology	12	6,000
TOTAL	93	\$ 50,840

Type of cost supported: Conference travel/registration – 67 and Publications 26

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VPRO Funded Research Events 2016 2017

Research Events on Campus 2016 2017	Audience	Funding
New Frontiers Seminar Series	Faculty/Student	10,000
Environmental Studies Doctoral Student Colloquium	Student	1,500
Interdisciplinary Research & Discovery Symposium	Student	700
Ontario High School Student Student Award	Community outreach	500
TEDxUTSC	Campus wide	5,000
Undergraduate Research Poster Forum and Prize UTSC Library	Student	3,000
Destination Imagination Science Fair	Community outreach	8,000
Science Rendezvous	Student/Community	5,300
Toronto Science Fair	Community outreach	7,516
Celebration of Research Excellence	Faculty	3,000
UTSC Start up Competition	Student	10,000
Sociology Outreach Events	Faculty/Student	2,300
Biological Sciences Seminar Series	Faculty/Student	3,000
Symposium for Art, Perception and History	Faculty/Student	2,200
Super Cities In Asia Governance Workshop	Faculty/Student	1,500
TOTAL		\$ 63,516

Science Rendezvous

- The annual Science Rendezvous Event where Let's Talk Science organizes zoology-based activities at the Toronto Zoo, reaching hundreds of youth and adults
- Over 300 Let's Talk Science student volunteers from UTSC have participated in outreach events including Science Rendezvous





UTSC VPRO Student Research Awards + Grants 2017

- Graduate Student Research Award
 - Phd award and masters award at \$1000/each per year
 - 2017 Recipients: TBC
- Undergraduate Research Prize (with UTSC Library)
 - 3 awards/year at \$1000/each
- Graduate Student Travel Grants
 - 2016-2017: TBC

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Undergraduate Research Poster Forum

- First place winner (\$1000 award)
 - Tasneem Ezzy
- Second place group (\$500 award)
 - Srikanthan Sumaya Dano, Ajay David, Nimra Javaid, Dilakshan Srikanthan and Amanda Yee
- Third place tie (\$250 award per winner)
 - Ayesha Tasneem
- Third place tie (\$250 award per winner)
 - Steven Chang
- Third place tie (\$250 award per winner)
 - Maegan Evelyn Sweeney

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Undergraduate Research Poster Forum 2017 (VPRO and Library)



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Awards & Honours Support

Award	No of Applications	Date	No of Successful Applications	Name of Successful Applicant(s)
Royal Society of Canada – Academy I Fellow	1	Dec-16	pending	
Royal Society of Canada – Academy III Fellow	1	Dec-16	pending	
Canada Research Chair	1	May-17	pending	
Human Frontiers Science Program Career Dev't Award	1	Oct-16	pending	
NSERC Steacie Prize	1	May-17	pending	
Canadian Society of Chemistry - Rio Tinto Alcan Award	1	Feb-17	1	Heinz-Bernhard Kraatz, DPES
American Mathematical Association Doob Prize	1	Jan-17	1	John Friedlander, CMS
Yidan Prize	1	Mar-17	pending	
Connaught New Researcher Awards	13	Dec-16	pending	
Canada's Top 40 Under 40 Awards	4	Mar-17	pending	
Ministry of Research & Innovation – Early Researcher Award	2	Dec-16	2	Artur Izmaylov, DPES Steven Farber, Human Geography

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UTSC Commercialization Activity FY 2011 2016

Activity	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016
New Invention Disclosures	4.0	1.0	1.8	2.2	1.5	1.0
New Priority Patent Apps Filed	0	0	2	1	3	0
US Patents Issued	0	0	0	0	0	0
New Licenses and Options	0	0	0	1	0	1
New Start-up Companies	0	0	0	0	2	1



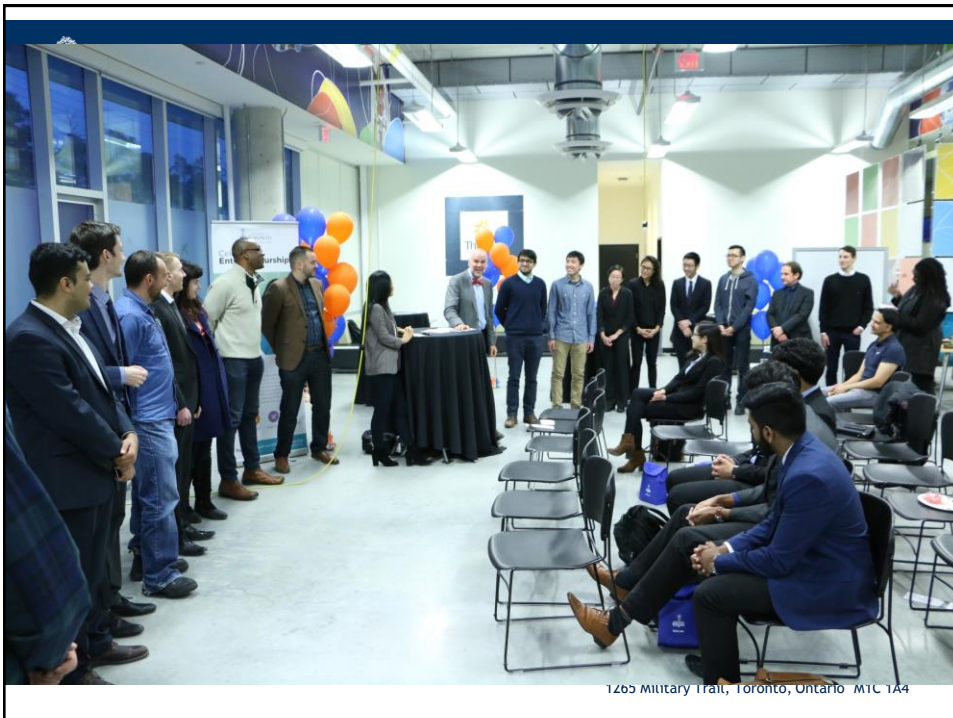
UTSC The Hub: Keys to Success

Mission of The Hub

- The mission of The Hub is to help the University of Toronto Scarborough foster a thriving entrepreneurial spirit on campus, where its students and graduates come to realize their entrepreneurial vision through guidance, support, and mentorship.
- Now working with an Advisory Board of leading entrepreneurial experts.

At a glance

- 926 students taking part in Hub events
- 20+ companies
- \$30,000 in seed funding (OCE + UTSC)
- Startups in Environmental Science, Management, New Media, Computer Science, Healthcare, Music
- Equity valuation pending; exceeds \$1 million



Genecis
(Environmental Science)

Home Product Facts and Stats About Us

Genecis
The right way for your food waste.

CLICK TO BEGIN

TheHub

volykos

About Us Get Started

Volykos
(Management)

Power-up your venue with Volykos.
Accessible wireless charging for your customers

Get Started

TheHub

StageKeep

(Arts, Culture & Media)



StageKeep



The image features a dark background with a large white circle containing three blue circles. Below this is the text 'StageKeep' in a white, stylized font. In the top right corner, the text 'StageKeep (Arts, Culture & Media)' is displayed. An inset photo shows five men standing in front of a wall with 'The Hub' logo and balloons.

Rouge National Urban Park

(The Hub)



The image shows four people (three men and one woman) sitting around a large log in a forest. They are looking at a laptop. The text 'Rouge National Urban Park (The Hub)' is overlaid on the top right. An inset photo shows a hand holding a smartphone displaying a mobile app interface for 'The Rouge' with options for MAP and GUIDE.