

UNIVERSITY OF TORONTO

THE UNIVERSITY OF TORONTO SCARBOROUGH CAMPUS COUNCIL

REPORT NUMBER 36 OF THE ACADEMIC AFFAIRS COMMITTEE

March 27, 2019

To the University of Toronto Scarborough Campus Council, University of Toronto Scarborough,
Your Committee reports that it met on Wednesday, March 27, 2019 at 4:10 p.m. in the Council
Chamber, Arts and Administration Building, with the following members present:

Present:

Elaine Khoo, Chair
Sonja Nikkila, Vice-Chair*
Wisdom Tettey, Vice-President and
Principal, UTSC
William Gough, Vice-Principal,
Academic and Dean
Heinz-Bernhard Kraatz, Vice-
Principal, Research
Syed Ahmed
Corinne Beauquis
Christine Bolus-Reichert
Shelley Brunt
Radhapriya Chawla
Curtis Cole
Colleen Gillon*
Alen Hadzovic
Jacob Koudys
Michael Lambek
Lydia Lampers-Wallner
Katherine Larson
Brenda Librecz
Fatema Motiwala
Tayyab Rashid
Rania Salem
Mahinda Samarakoon
Mark Schmuckler
William Seager
Mary Silcox *
Michael Souza
David Zweig

Non-Voting Assessors:

Annette Knott
Varsha Patel

Secretariat:

Rena Prashad

Absent:

Fareed Amin
Conor Anderson
Sandra Bamford
Dakota Bundy
Li Chen
James Donaldson
Suzanne Erb
Barry Freeman
Sarah Guay
Angela Hamilton
Mark Hunter
Alexander Irving
Shiri Iskander
Mariam Issa
Nancy Johnston
Themabela Kepe
Margaret Kohn
Patricia Landolt
Andrew Mason
Karen McCrindle
Michael Molloy
Annie Sahagian
Larry Sawchuk
Grace Skogstad

Lynn Tucker
Shelby Verboven
Jessica Wilson

*Telephone Participants

In attendance:

Zahra Bhanji, Director, Office of the Vice-Principal, Research
Sarah Chaudhry, Programs & Curriculum Coordinator
Mary Elizabeth Luka, Assistant Professor, Department of Arts, Culture and Media
Heather Seto, Program Support Coordinator, Department of Historical and Cultural Studies
Helen Wu, Associate Professor, Teaching Stream, Centre for French and Linguistics

1. Chair's Remarks

The Chair welcomed members and guests to the meeting.

2. Major Undergraduate and Graduate Modification- Combined Degree Programs, UTSC Honours Bachelor of Science (HBSc) programs with the Master of Environmental Science (MEnvSc)

The Chair invited Mary Silcox, Vice-Dean, Graduate, to present the proposal to the Committee. Professor Silcox reported that the Undergraduate Departments of Physical and Environmental Sciences and Biological Sciences and Graduate Department of Physical and Environmental Sciences were proposing ten new combined degree programs (CDP). The benefit to students was the ability to seek early admission to the MEnvSc program and complete the requirements of both in a manner that provided a benefit to the student beyond what would result from completing two separate degree programs (i.e. an early start to graduate studies with advanced academic training through an internship or research paper opportunity).

In response to a comment regarding the ability to complete 1.0 full credit equivalents (FCE) in graduate courses in Year 4, Professor Gough remarked that the courses taken in Year 4 would be counted as 1.0 FCE towards the undergraduate and graduate degree requirements.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the major modification to introduce 10 new Combined Degree Programs – HBSc and MEnvSc – as described in the proposal dated March 8, 2019 and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the 2019-20 academic year.

3. Minor Graduate Modifications- Graduate Department of Physical and Environmental Sciences

Professor Silcox reported that the Graduate Department of Physical and Environmental Sciences (DPES) was proposing two new courses, which would support the suite of ten CDPs described under agenda item two (i.e. EES 4001H Internship Training 1 and EES 4003H Academic Training 1). Students in the CDPs would have the opportunity to take one of the two courses, which would allow them to complete an additional 2-month internship placement or research project in the summer session prior to the start of their graduate program.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the minor modifications submitted by UTSC Graduate Department of Physical and Environmental Sciences, as described in 2019-20 Curriculum Cycle: Graduate Minor Curriculum Modifications for Approval, Report 5, dated March 12, 2019, and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the academic year 2019-20.

4. Minor Graduate Modification- Graduate Department of Management, Master of Accounting and Finance Program (MAccFin)

Professor Silcox reported that the Graduate Department of Management was proposing the addition of six credit/no credit courses to the Master of Accounting and Finance program (MAccFin). The courses were developed to formalize professional/academic activities (i.e. case writing, seminars, capstone projects, etc.) that students were already expected to complete as part of the program. Assigning course codes, to be included on the transcripts, would formalize and recognize the students' work.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the minor modifications submitted by UTSC Graduate Department of Management, as described in Graduate Minor Curriculum Modifications for Approval, Report 3, dated February 14, 2019, and Graduate Minor Curriculum Modifications for Approval, Report 4, dated February 14, 2019, and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Summer 2019.

5. Major Undergraduate Modification- Freestanding Minor in Biomedical Ethics

The Chair invited Professor Mark Schmuckler, Vice-Dean, Undergraduate, to present the proposal to the Committee. He reported that the Department of Philosophy was proposing to introduce a new freestanding Minor in Biomedical Ethics. He remarked that the Minor had been developed from student interest and demand and that the Minor harmonized well with programs in the Department of Psychology and the Interdisciplinary Centre for Health and Society (ICHS). Professor Schmuckler indicated that the teaching resources for the Minor included two tenure track faculty and one Contractually Limited Term Appointment (CLTA) position, which were supported by the Department and the Office of the Vice-Principal, Academic and Dean.

A member applauded the Department of Philosophy for responding to the student interest and demand for the Minor program and suggested that ethics courses be introduced to other disciplines. The sentiment was appreciated by Professor Seager and he articulated that much more could be accomplished within the Department with greater resources. As a follow-up comment, a question was raised on the topic of Biomedical Ethics being closely related to courses in the Health Studies program. Professor Seager indicated that the Department, particularly Joshua Brandt, Assistant Professor, Department of Philosophy was currently having discussions and conversations with faculty associated with the Health Studies program.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the major modification to introduce a new freestanding Minor in Biomedical Ethics (Arts), as described in the proposal dated February 20, 2019 and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the 2019-20 academic year.

6. Major Undergraduate Modification- Major in Arts and Media Management

Professor Schmuckler indicated that the Department of Arts, Culture, and Media was proposing to introduce a new Major in Arts and Media Management, which was designed for students with an interest in creative practices and business of the arts in an increasingly digitized and mobile society. He underscored that the Specialist in Arts Management, a long-standing program, would continue to be offered for breadth and depth for developing comprehensive arts management skills.

A member asked how the proposed Major program would impact the long-standing Specialist program. Mary Elizabeth Lukas, Assistant Professor, Department of Arts, Culture and Media, remarked that the Major program was intended to meet industry demands and the needs of students who wished to pair the Major with another existing Major in the department. Lastly, Professor Lukas articulated that the Specialist program was designed for students wishing to acquire breadth and depth in the field of arts management.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the major modification to introduce a new Major program in Arts and Media Management (HBA), as described in the proposal dated February 15, 2019 and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the 2019-20 academic year.

7. Minor Undergraduate Modifications- Humanities academic units

Professor Schmuckler reported that the Humanities academic units at UTSC (i.e. Departments of English and Historical and Cultural Studies (HCS) and the Centre for French and Linguistics (CFL) were proposing minor program changes and new courses. The Department of English was proposing program changes to the Minor in Creative Writing and three new courses; the CFL was proposing program changes to the Minor in English and Chinese Translation, one new course, and the addition of cumulative grade point average (CGPA) requirements to eight courses. Professor Schmuckler indicated that six program changes and fourteen new courses were being proposed from HCS. He highlighted that the fourteen courses proposed by HCS were not all unique offerings. Instead, many were the result of double and triple numbering of offerings – some new and some existing.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the minor modifications to undergraduate programs, submitted by UTSC undergraduate Humanities academic units, as described in Undergraduate Minor Curriculum Modifications for Approval, Report: Department of English, dated March 12, 2019, and Undergraduate Minor Curriculum Modifications for Approval, Report: Centre for French and Linguistics, dated March 12, 2019, and Undergraduate Minor Curriculum Modifications for Approval, Report: Department of Historical and Cultural Studies, dated March 12, 2019, and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the academic year 2019-20.

8. Minor Undergraduate Modifications- Science academic unit

Professor Schmuckler reported that the Department of Biological Sciences was proposing one program change, three new courses, and one course change (i.e. mode of delivery). The specific program change was related to enrolment requirements for the Specialist (Co-operative) in Molecular Biology and Biotechnology.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the minor modifications to undergraduate programs, submitted by UTSC undergraduate Sciences academic units, as described in Undergraduate Minor Curriculum Modifications for Approval, Report: Department of Biological Sciences, dated March 12, 2019, and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the academic year 2019-20.

9. Minor Undergraduate Modifications - Social Science academic unit

Professor Schmuckler shared with the Committee that the Department of Anthropology was proposing the addition of one new course, ANTB80H3: Introduction to Archaeology: Methods, Theories, and Practices.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the minor modifications to undergraduate programs, submitted by UTSC undergraduate Social Sciences academic units, as described in Undergraduate Minor Curriculum Modifications for Approval, Report: Department of Anthropology, dated March 12, 2019, and recommended by the Vice-Principal Academic and Dean, William Gough, be approved effective Fall 2019 for the academic year 2019-20.

10. Minor Undergraduate Modifications- Department of Management

Professor Schmuckler described the proposal from the Department of Management, which included one program change to the Specialist in Management and Information Technology (i.e. reducing the number of required courses from 18.5-19.5 to 15.5-16.5 FCE as part of a twenty-credit Bachelor of Business Administration (BBA) degree and the addition of three new courses.

On motion duly made, seconded, and carried,

YOUR COMMITTEE APPROVED,

THAT the minor modifications to undergraduate programs, submitted by UTSC undergraduate Department of Management, as described in Undergraduate Minor Curriculum Modifications for Approval, Report: Department of Management dated March 12, 2019, and recommended by the Vice-Principal Academic and Dean, Professor William Gough, be approved to be effective as of Fall 2019 for the academic year 2019-20.

11. Annual Report: Vice-Principal, Research

The Chair invited Bernie Kraatz, Vice-Principal, Research (VPR), to present¹ the 2017-18 annual research report. The presentation included the following highlights:

- At present, eight UTSC researchers were Canada Research Chairs (CRC), with an additional two anticipated for next year. UTSC was also home to six Royal Society of Canada Fellows as well as winners of internal research awards (i.e. Research Excellence Faculty Scholars, Principal's Research Award, and Research Recognition Award);
- Total research funding exceeded \$12M, of which, 58 percent was federal granting agencies funding. The research funding in the Humanities and Social Sciences had increased with the majority of research funding being generating by the sciences academic units (i.e. Biological Sciences, Physical and Environmental Sciences and Psychology);
- In 2018-19 (up to February 2019), more than \$706K was provided to faculty and students through the UTSC internal programs, awards, and sponsorships, specifically: institutional match funding, research competitiveness fund, and tri-agency bridge funding. In addition, two new funding initiatives had been introduced: UTSC Postdoctoral Fellowship Program and Departmental Research Fund;
- The Research Advisory Board served as a channel for information dissemination and was also responsible for the adjudication of applications for internal research awards and funds;

¹ Presentation- Annual Report: Office of the Vice-Principal, Research, UTSC

- Between 2015-18, publishing activities at UTSC continued to grow across the academic disciplines with 1737 published journal articles, books, and book chapters;
- The strategy of the Office of the VPR was to train faculty on research proposal development (e.g. host workshops, information sessions and panel discussions), offer seed funding to enhance and promote faculty research, recognize and promote outstanding research (e.g. Research Excellence Lecture Series), support student research initiatives, and outreach (e.g. Science Rendezvous);
- Between May 2018 and February 2019, the Office of the VPR had provided oversight for over 100 grant applications and enhanced (e.g. review, feedback, and editing support) over 75 applications; and
- The Hub, a space on campus that encouraged entrepreneurial activity, fostered the development of over 125 start-up companies since 2015. The majority of students involved with The Hub were from the Computer Science discipline, but synergies with the Social Sciences and Humanities were beginning to develop.

In response to a comment regarding the success rate of UTSC start-up companies, Professor Kraatz reported that 5 percent of start-up companies were successful. He added that if a company's area of expertise could be fostered beyond UTSC, the company would be connected and directed to other University incubators including: MaRS Discovery District or the Creative Destruction Lab.

12. Reports of the Presidential Assessors

There were no reports from the Assessors.

CONSENT AGENDA

On motion duly made, seconded and carried,

YOUR COMMITTEE APPROVED,

THAT the consent agenda be adopted and that the item requiring approval (item 14) be approved.

13. Minor Undergraduate Modifications

14. Report of the Previous Meeting: Report Number 35- Monday, February 11, 2019

15. Business Arising from the Report of the Previous Meeting

16. Date of the Next Meeting – Thursday, May 2, 2019 at 4:10 p.m.

17. Other Business

No other business was raised.

The meeting adjourned at 5:41 p.m.

Secretary

Chair

April 5, 2019



UTSC Research Excellence

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Recent Awards and Honours



Li Chen (2018)
Historical and Cultural Studies
Joseph Levenson Book Prize
Association for Asian Studies



Steven Farber (2018)
Human Geography
Emerging Scholar Award,
American Association of
Geographers



Diana Fu (2018)
Political Science
Gregory Luebbert Prize
American Political Science
Association



Donna Gabaccia (2018)
Historical and Cultural Studies
Lifetime Achievement Award
Immigration & Ethnic History
Society



Michael Goldstein (2018)
Computer & Mathematical Sciences
Simons Fellow in Mathematics



Arsalan Imranov (2019)
*Physical & Environmental
Sciences*
Tom Steyer Award
Canadian Institute of Chemistry



Nick Mandrak (2018)
Biological Sciences
Jack Christie/Ken Loftus Award
for Distinguished Scientific
Contribution, Great Lakes
Fisheries Commission



Sharene Husted (2018)
Human Geography
Glenda Laws Award
American Association of
Geographers

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Royal Society of Canada Fellows



John Friedlander (1988)
*Computer & Mathematical
Sciences*



Lisa Jeffrey (2007)
*Computer &
Mathematical Sciences*



John Kennedy (2005)
Psychology



Michael Lambek (2000)
Anthropology



Judith Teichman (2014)
*Political Science /
Centre for Critical
Development Studies*



Frank Wania (2017)
*Physical & Environmental
Sciences*

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Royal Society of Canada

Members of the College of New Scholars, Artists and Scientists



Katie Larson (2018)
English



Nathalie Rothman (2014)
Historical and Cultural Studies

Medals and Awards



Nick Eyles (2013)
Physical & Environmental Sciences
RSC McNeil Medal



Balint Virag (2014)
Computer & Mathematical Sciences
John L. Synge Award


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2018 UTSC Awards


UTSC Research Excellence Faculty Scholars



Julie McCarthy (2018)
Management



Anthony Ruocco (2018)
Psychology




Andre Simpson (2018)
Physical & Environmental Sciences

UTSC Principal's Research Award UTSC Research Recognition Award



Zindel Segal (2018)
Psychology



Artur Izmaylov (2018)
Physical & Environmental Sciences

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Canada Research Chairs



Daniel Bender
Historical and Cultural Studies



Brian Connelly
Management



Cendri Hutcherson
Psychology



Mamey Isaac
Physical & Environmental Sciences / Centre for Critical Development Studies



Kagan Kerman
Physical & Environmental Sciences



Michael Lambek
Anthropology



Bianca Schroeder
Computer & Mathematical Sciences



Behlenn Treanor
Biological Sciences

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UTSC Research Advisory Board 2018-19



Julie Technodo
Anthropology



David Nelsoy
Arts, Culture and Media Biological Sciences



Ken Walsh
Biological Sciences



John Friedlander
Computer and Mathematical Sciences



Ken MacDonald / Mamey Isaac
Centre for Critical Development Studies



Karina Vernon
English



Rena Helms-Park
Centre for French and Linguistics



Leonard Tsuji
Interdisciplinary Centre for Health & Society



Daniel Bender
Historical and Cultural Studies



John Miron
Human Geography



John Trougakos
Management



Philip Kremer
Philosophy



Artur Izmaylov / Kagan Kerman
Physical & Environmental Sciences



Peggy Kahn / Chris Cochrane
Political Science



Andy Lee
Psychology

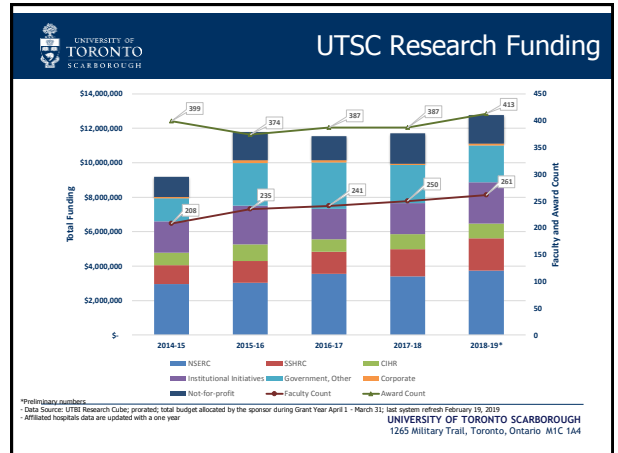


John Hannigan / Clayton Childress
Sociology



Angela Hamilton
Library Representative

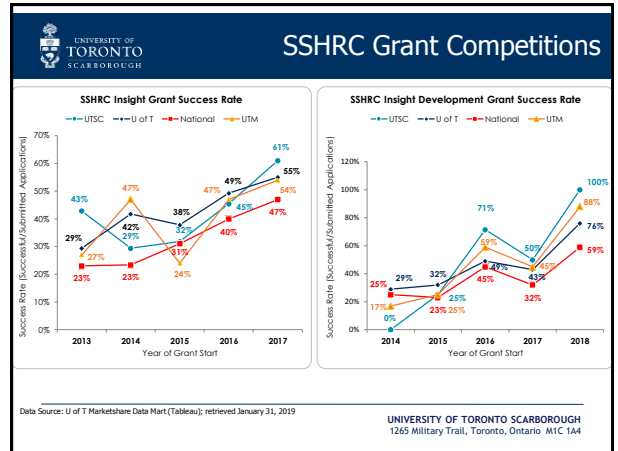
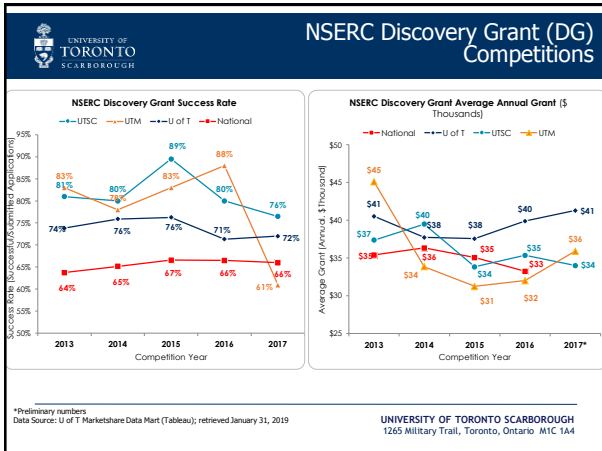
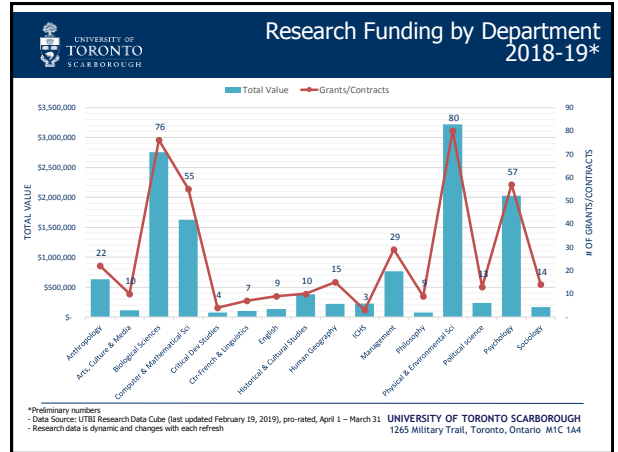
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UTSC Research Funding

	2014-15	2015-16	2016-17	2017-18	2018-19*
NSERC	\$2,957,847	\$3,041,024	\$3,549,426	\$3,397,419	\$3,745,143
SSHRC	\$1,102,562	\$1,258,351	\$1,283,567	\$1,583,099	\$1,877,101
CIHR	\$718,203	\$954,376	\$723,307	\$877,726	\$850,296
Tri-Council	\$4,778,612	\$5,253,751	\$5,556,300	\$5,858,244	\$6,472,540
CFI	\$491,090	\$807,047	\$425,537	\$332,509	\$608,128
CRC	\$827,184	\$716,700	\$1,000,056	\$1,000,056	\$1,070,013
OCI	\$2,857	\$34,284	\$34,284	\$28,570	\$0
MBIS	\$501,596	\$691,877	\$304,326	\$434,634	\$718,386
Institutional Initiatives	\$1,823,087	\$2,249,908	\$1,764,203	\$1,795,768	\$2,396,527
Government, Other	\$1,326,679	\$2,469,283	\$2,690,824	\$2,221,996	\$2,138,408
Corporate	\$87,464	\$169,221	\$131,093	\$66,961	\$103,353
Not-for-profit	\$1,162,627	\$1,635,646	\$1,390,390	\$1,759,995	\$1,649,762
Total Research Funding:	\$9,178,469	\$11,777,809	\$11,532,810	\$11,702,964	\$12,760,590
Faculty Count	208	235	241	250	261
Award Count	399	374	387	387	413

*Preliminary numbers
 Data Source: UTBI Research Cube; prorated; total budget allocated by the sponsor during Grant Year April 1 - March 31; last system refresh February 19, 2019
 Affiliated hospitals data are updated with a one year
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UTSC Publications

	2015	2016	2017	2018
Journal articles	321	298	350	357
Books	4	20	9	4
Book chapters	35	10	17	24
Other	53	77	84	74
TOTAL	413	405	460	459

*Select publications by research faculty only. The numbers reported are based on a list compiled from Scopus database and supplemented with select publications. The list is non-comprehensive.

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Internal Funding Programs 2018-19

In 2018-19* more than \$706K was provided to faculty and students through our internal programs, awards, and sponsorships

Internal Programs, Awards and Sponsorships

Program	Amount
Faculty Internal Programs	\$463,237
Faculty Research Awards	\$95,000
Research Centres	\$59,751
Student/Community Outreach	\$53,601
Student Research	\$34,983

*Preliminary numbers as of February 5, 2019

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Faculty Internal Funding Programs 2018-19

Program	Amount
Research Impact Fund	\$3,500
Research Grant Enhancement Fund	\$13,200
Working Groups	\$15,000
International Research Collaboration Fund	\$16,550
Research Conferences, Symposia & Workshops	\$17,551
Institutional Matching Fund	\$98,800
Research Competitiveness Fund	\$129,370
Tri-Agency Bridge Funding	\$182,500

*Preliminary numbers as of February 5, 2019

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Funding Across All Disciplines 2018-19*

The internal funding programs supported UTSC faculty across all disciplines

Discipline	Amount Awarded to Faculty	Faculty Count
Anthropology	\$10,000	1
Arts, Culture & Media	\$50,000	6
Biology Sciences	\$150,000	11
Chemical & Materials Sciences	\$10,000	1
Civil Development Studies	\$10,000	1
English	\$10,000	4
French and Linguistics	\$10,000	2
Health and Cultural Studies	\$10,000	10
Human Geography	\$10,000	4
Information Systems	\$10,000	4
Management	\$10,000	1
Philosophy	\$10,000	7
Physical & Environmental Sciences	\$10,000	2
Public Science	\$10,000	2
Psychology	\$10,000	11
Sociology	\$10,000	5

*Preliminary numbers as of February 5, 2019

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New Funding Initiatives 2018-19

UTSC Postdoctoral Fellowship Program

Competitive funding for postdoctoral fellows supervised by UTSC faculty

- 8 postdoctoral fellowships awarded evenly across the physical and life sciences, and social sciences and humanities disciplines
- Total commitment of \$703,080 over two years

Departmental Research Fund

Initiative aimed to stimulate and support research activities across the diverse academic disciplines at UTSC

- Up to \$390K will be allocated annually to support initiatives based on departmental research priorities



OVPR Strategy

- Faculty training and research proposal development services and support
- Seed funding to enhance, stimulate and promote faculty research
- Recognition and promotion of faculty research excellence
- Support student research and innovation activities (The Hub)



OVPR Grant Support

- In the past year (May 1, 2018 to February 1, 2019)
 - Administrative oversight of **~100** external grant applications
 - Review for compliance with UT protocols for indirect costs if applicable
 - MRA approval process support
- Enhanced processing of **~75** applications
 - Proposal development and editing support
 - Review and feedback on narrative sections of proposal and/or budget review and feedback



OVPR Information Sessions and Workshops 2018-19

Topic	Date
SSHRC Insight Grant Information Session	May 10, 2018
NSERC Discovery Grant NOI Drop-In Information Session	July 26, 2018
New Faculty Orientation <ul style="list-style-type: none"> • Kick Starting Your Research Program • Building Research Excellence • Research Awards & Honours • MRA Overview 	July 31 - August 1, 2018
SSHRC Insight Grant Information Session and Dragon's Den Proposal Pitch Session	August 7, 2018
SSHRC 2018 Insight Grant Proposal Boot Camp	August 21, 2018
SSHRC Insight Grant Information Session	September 7, 2018
NSERC Discovery Grant and Research Tools & Instruments Grant Information Session	September 13, 2018



OVPR Information Sessions and Workshops 2018-19

Topic	Date
Mitacs Information Session / Panel Discussion	November 19, 2018
SSHRC Partnership Engage Grant Information Session	November 26, 2018
SSHRC Connection Grant Information Session	November 26, 2018
SSHRC Insight Development Grant Information Session	November 29, 2018
Developing Research Partnerships: Lessons from successful NSERC Strategic Partnership Grant (SPG) holders - Panel Discussion	January 22, 2019
Awards & Honours for Early & Mid-Career Faculty - Panel Discussion	January 23, 2019
Awards & Honours for Established Research Faculty - Panel Discussion	January 23, 2019

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Research Excellence Lecture Series 2018-19

Zindel Segal, *Psychology*

President's Impact Award 2017 and Principal's Research Award 2018

Myrna Simpson, *Physical & Environmental Sciences*

Research Excellence Faculty Scholar 2017

Artur Izmaylov, *Physical & Environmental Sciences*

Research Recognition Award 2018

Jeffrey Pilcher, *Historical and Cultural Studies*

Research Excellence Faculty Scholar 2017-2020

Nathalie Rothman, *Historical and Cultural Studies*

Member, Royal Society of Canada College of New Scholars, Artists and Scientists

Judith Teichman, *Political Science*

Fellow, Royal Society of Canada

Jennifer Chun, *Sociology*

Research Excellence Faculty Scholar 2017

Michael Lambek, *Anthropology*

Canada Research Chair 2006-2020

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Outreach 2017-18

Science Rendezvous at the Toronto Zoo

ATTENDANCE

~1500

NUMBER OF EVENT VOLUNTEERS

80

VOLUNTEER HOURS SPENT PLANNING

1400

SOCIAL MEDIA REACH

33,000+ IMPRESSIONS



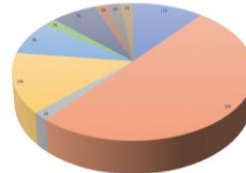
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The Hub – Since 2015

- 125 startups formed (244 students / founders)
- Majority from Computer Science
- 33% incorporated
- Combined value at graduation of \$1.4 million
- Combined valuation today of top 5 companies over \$25 million

Emerging startups by industry



50% Apps/Software & Gaming
 14% Manufacturing
 11% E-Commerce
 8% Health
 7% Arts

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Accelerate

- 15 students forming 6 startups
- One-on-one coaching, advising

Incubate

- 65 students forming 24 startups
- Workshops, group sessions

Engage

- 1000 students
- Boothing, presentations, lectures and events



The process followed by The Hub is to create a funnel, engaging students primarily via presentations and boothing. A pool of 200 highly motivated students is identified. There is a conversion rate of 30% that draws them into The Hub, where they focus on building their prototype of their idea, attending workshops and group advising sessions. Roughly 25% go on to accelerate their company, which is the point where revenues kick in, and there is advising and one on one coaching.