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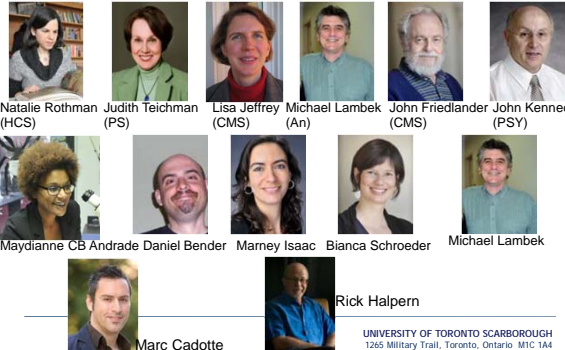
Vice-Principal, Research Annual Report 2015-2016

UTSC Campus Council
May 26, 2016

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RSC Fellows, CRCs and Chairs



Natalie Rothman (HCS) Judith Teichman (PS) Lisa Jeffrey (CMS) Michael Lambek (An) John Friedlander (CMS) John Kennedy (PSY)

Maydianne CB Andrade Daniel Bender Marney Isaac Bianca Schroeder Michael Lambek

Marc Cadotte Rick Halpern

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UTSC Publications 2014-15

Department/Centre	Journal Articles	Books	Chapters
Anthropology	32	3	6
Arts, Media & Culture	8	5	3
Biological Sciences	90	0	5
Computer & Mathematical Sciences	41	0	2
CTR- Critical Development Studies	19	1	6
CTR-French & Linguistics	19	3	4
English	13	7	8
Historical & Cultural Studies	15	5	12
Human Geography	32	0	1
Management	32	1	9
Philosophy	5	0	6
Physical & Environmental Science	157	2	6
Political Science	17	3	8
Psychology	68	2	10
Sociology	7	3	2
Grand Total	607	35	88

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International Collaborations

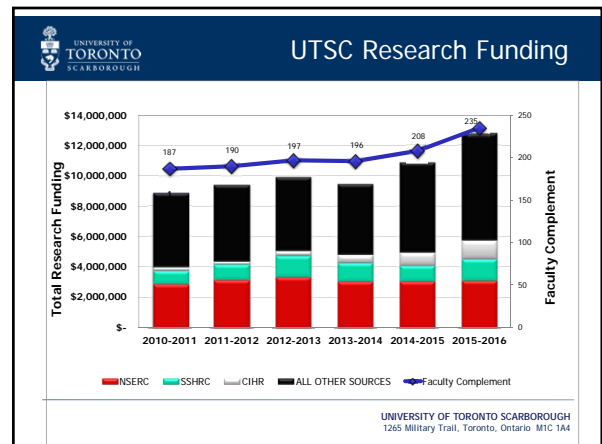
- Wide network of international collaborations
- Involving researchers from USA (139), China (28), UK (26), France (10)
- MIT
- University of Michigan
- Scripps Institute
- Imperial College London
- University of Oxford

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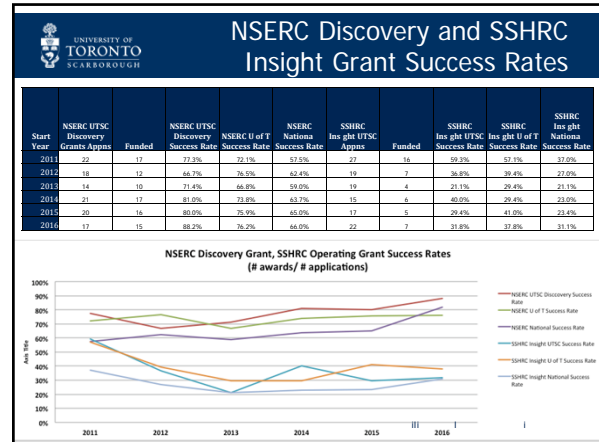


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UTSC Research Funding						
	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016
NSERC	\$2,882,779	\$3,170,891	\$3,359,930	\$3,071,669	\$3,078,508	\$3,133,223
SSHRC	\$882,560	\$1,024,163	\$1,407,128	\$1,228,973	\$1,039,708	\$1,412,713
CIHR	\$226,928	\$192,678	\$312,057	\$528,704	\$855,781	\$1,224,038
Other	\$4,855,648	\$5,043,345	\$4,852,071	\$4,655,034	\$5,921,902	\$7,057,579
Faculty	187	190	197	196	208	235
TOTAL:	\$8,847,915	\$9,431,077	\$9,931,186	\$9,484,381	\$10,895,899	\$12,827,553

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Research Funding by Department 2015-2016		
DEPARTMENT/CENTRE	TOTAL VALUE	TOTAL NUMBER
ANTHROPOLOGY	\$ 849,751	15
ARTS, CULTURE & MEDIA	\$59,590	5
BIOLOGICAL SCIENCES	\$4,582,517	64
COMPUTER & MATHEMATICAL SCIENCES	\$1,185,134	27
CTR-CRITICAL DEV STUDIES	\$96,100	1
CTR-FRENCH & LINGUISTICS	\$102,165	6
ENGLISH	\$17,556	4
HISTORICAL & CULTURAL STUDIES	\$234,176	8
HUMAN GEOGRAPHY	\$157,577	10
MANAGEMENT	\$379,652	20
PHILOSOPHY	\$12,176	1
PHYSICAL & ENVIRONMENTAL SCIENCES	\$2,812,226	57
POLITICAL SCIENCE	\$311,796	12
PSYCHOLOGY	\$1,894,837	26
SOCIOLOGY	\$131,116	8
LIBRARY	\$1192	1
GRAND TOTAL	\$12,827,551	265

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| VPRO Support | |
| A Strategy for Success | |
| <ul style="list-style-type: none"> 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 | |
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| VPRO Support | |
| A strategy for success | |
| <ul style="list-style-type: none"> In the past 3 years <ul style="list-style-type: none"> Administrative oversight of 504 external grant applications Review for compliance with UT protocols for indirect costs if applicable MRA approval process support Enhanced processing of ~240 applications <ul style="list-style-type: none"> Proposal development and editing support Review and feedback on narrative sections of proposal and/or budget review and feedback | |
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Enhanced Grant Development Support Nov 2013 - Apr 2016						
Agency	Program	# Apps Supported 2013	# Apps Supported 2014	# Apps Supported 2015	# Apps Supported 2016	Total #Apps Supported
SSHRC	IC		14	20		34
	IDG		2	8	5	15
	PG		2	3	1	6
	PDG	1	4	4		9
	Connection		1	3	1	5
Totals						
NSERC	DG		18	15		33
	CREATE			2		2
	RTI			2		2
CIHR	Operating Grant			3		3
	Foundation Scheme Projects Scheme		3			3
					4	4

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Enhanced Grant Development Support Nov 2013 - Apr 2016

Agency	Program	# Apps Supported 2013	# Apps Supported 2014	# Apps Supported 2015	# Apps Supported 2016	Total #Apps Supported
CFI	IF			1	1	2
	JELF		2	4	1	7
Totals						
CRC	Tier 1		1			1
	Tier 2			3		3
Other Programs	MRI ERA		5	4		9
	Connaught					
Banting Post Doc Fellowships	NRA	18	13	8		39
Various others	Ministry of Ontario etc		25	30		55
	Totals					244

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Awards + Honours Support

Implementation of an awards strategy at the University of Toronto Scarborough - staging awards and providing support to departments and faculty

Award	No of Applications	Date	No of Successful Applications	Name of Successful Applicant(s)
CIHR Institute of Health Sciences Career Award in Infection & Immunity	1	Feb-15	1	Bebhinn Treanor
Royal Society New Scholars	2	Mar-15	0	
Stearns Prize	1	Jul-15	0	
Klein Fellowship	1	Aug-15	0	
De Meken Prize	1	Aug-15	TBA	
RSC History Fellow	1	Sep-15	TBA	
SSHRC Insight Impact Award	1	Mar-16	0	
RSC Innovation Media	1	Mar-16	TBA	
RSC Member Chemistry	1	Dec-16	TBA	

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Research Grant Enhancement Fund 2015-2016

Dept	Editing # Requests	Editing \$ Amount	Honorarium # Requests	Honorarium \$ Amounts	CCV # Requests	CCV \$ Amounts
Anthro	2	\$600			1	\$200
ACM	2	\$300	1	\$200		
BioSci	6	\$2,100	4	\$800	1	\$200
CCDS	1	\$300				
CMS	1	\$200				
DPBS	6	\$3,000			1	\$200
English	1	\$300				
CFI	2	\$900				
Geog	1	\$300				
Mngmt	5	\$2,400	2	\$400	1	\$200
Phil	1	\$300			1	\$200
Psy	2	\$600	1	\$200		
Soc	2	\$600	1	\$200	1	\$200
Totals	32	\$ 11,900	9	1800	6	\$ 1,200

Total: \$13,100 (2015-2016)

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UTSC Commercialization Activity FY 2011-2015

Activity	FY2011	FY2012	FY2013	FY2014	FY2015	5 YR SUM
New Invention Disclosures	4.0	1.0	1.8	2.2	1.5	10.5
New Priority Patent Apps Filed	0	0	2	1	3	6
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	2

The two UTSC companies are:

1. Syncadian Inc. (Prof. Heinz-Bernhard Kraatz and team). Incorporated Aug 2014.
2. Magnetic Insight Inc. (Prof. Ziao-an Zhang and team). Incorporated Sept 2014.

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VPRO Research Competitiveness Fund 2011- 2016

- ▶ Applications: 135
- ▶ Funded: 77
- ▶ Success rate: 57%
- ▶ Total funding: \$779,091
- ▶ Leveraged (external) funding: \$2,487,122
- ▶ Return on investment: 4.6 (on \$697,440 awarded)
- ▶ Number of HQP trained: 121 (52 u/g, 51 grad, 4 other)
- ▶ Number of conferences reports supported: 18
- ▶ Number of verified publications: 12

to 2016

to 2015

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UTSC Faculty Research Awards 2016

- Research Excellence Faculty Scholars (new)
 - Up to 3 awards at \$10,000/ year for 3 years each
 - 2016 recipients: Michael Inzlicht (PSY), Frank Wania (DPES), Lisa Jeffreys (CMS)
- Principals Research Award
 - 1 or 2 awards at \$10,000 each (funded by Principal's Office)
 - 2016 recipients: Maydianne Andrade (Bio Sci) and Nick Eyles (DPES)
- UTSC Research Recognition Award
 - 1 award given at \$5000
 - 2016 Recipient: Anthony Ruocco (Psy)

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UTSC VPRO Student Research Awards + Grants 2016

- Graduate Student Research Award
 - 1 Phd award and 1 masters award at \$1000/each per year
 - 2016 Recipients: Devrim Coskun (Bio Sci) and Dean Carcone (Psy)
- Graduate Student Travel Grants
 - 2015-2016: 66 grants awarded totaling \$23,796
- Undergraduate Research Prize (with UTSC Library)
 - 3 awards/year at \$1000/each
 - 2016 Recipients: Yan Ning Kwok (Psy), Swara Shah (Bio) and Nishita Agrawal (Mgmt)

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Questions

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VPRO Research Impact Fund

Research Impact Fund Totals to Date
July 2012 to January 2016
Total Amount Awarded \$34,071*

Awards by Department		Awards by Department	
Anthropology	12	Human Geography	2
Arts, Culture Media	4	Management	3
Biological Sciences	10	Philosophy	4
Centre for Critical Development Studies	0	Physical and Environmental Sciences	11
Centre for French and Linguistics	5	Political Science	3
Computer and Mathematical Sciences	0	Psychology	5
English	5	Sociology	10
Historical and Cultural Studies	3		

* Type of cost supported: Conference travel/registration - 54 and Publications 23

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VPRO Funded Research Events (1) 2015-2016

Research Events on Campus 2015-2016	Audience	Funding
Next Frontiers Seminar Series	Faculty/Students	\$ 10,000
Environmental Chemistry Colloquium	Faculty	\$ 1,600
Environmental Studies Doctoral Student Colloquium	Student	\$ 1,500
Interdisciplinary Research & Discovery Symposium	Student	\$ 700
Ontario High School Student Award	Community outreach	\$ 250
TEDx@UTSC conference	Campus wide	\$ 5,000
Anthropology Immanent Ethics Workshop (Jan 2016)	Student/faculty	\$ 1,500
Universities of Toronto Symposium: The After-Lives of Structuralism (Febro & Pop November 2016)	Faculty	\$ 2,000
Political Science Colloquium (June 2016)	Faculty	\$ 1,500
ESCB Rooftop Garden and Food Security Event (April 2016)	Campus wide	\$ 1,500
Sociology Undergraduate Research Day (Apr 2016)	Student/faculty	\$ 1,667
Undergraduate Research Poster Forum and Prize - UTSC Library (March/April 2016)	Student	\$ 3,000
Destination Imagination Science Fair (April 2016)		\$ 8,000
Science Rendezvous (May 2016)	Student/community	\$ 5,300
Toronto Science Fair (April 2016)	Community outreach	\$ 7,400
Meeting of the Association for the Study of Food and Society (June 2016)	Student/faculty	\$ 2,000
Total		\$ 52,917

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VPRO Funded Research Events (2) 2015-2016

Research Events on Campus 2015-2016	Audience	Funding
Destination Imagination Science Fair (April 2016)		\$ 8,000
Science Rendezvous (May 2016)	Student/community	\$ 5,300
Toronto Science Fair (April 2016)	Community outreach	\$ 7,400
Meeting of the Association for the Study of Food and Society (June 2016)	Student/faculty	\$ 2,000
Total		\$ 52,917

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