

UNIVERSITY OF TORONTO SCARBOROUGH







Vice Principal, Research Annual Report 2015 2016

UTSC Academic Affairs Committee
June 15, 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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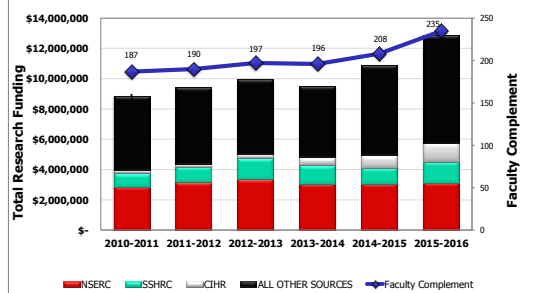
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UTSC Research Funding



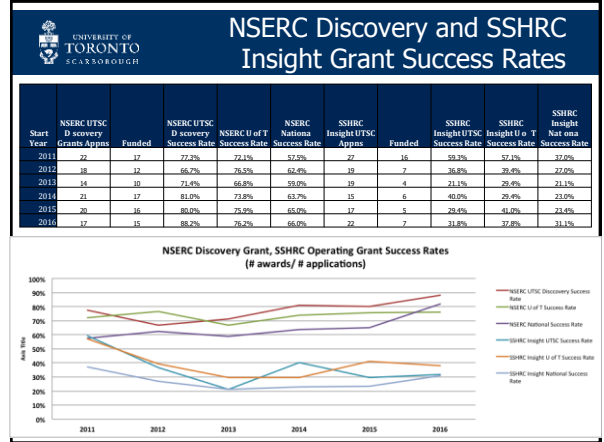
Year	NSERC	SSHRC	CIHR	All Other Sources	Faculty Complement
2010-2011	~\$3,000,000	~\$1,000,000	~\$1,000,000	~\$3,000,000	187
2011-2012	~\$3,000,000	~\$1,000,000	~\$1,000,000	~\$3,000,000	190
2012-2013	~\$3,000,000	~\$1,000,000	~\$1,000,000	~\$3,000,000	197
2013-2014	~\$3,000,000	~\$1,000,000	~\$1,000,000	~\$3,000,000	196
2014-2015	~\$3,000,000	~\$1,000,000	~\$1,000,000	~\$3,000,000	208
2015-2016	~\$3,000,000	~\$1,000,000	~\$1,000,000	~\$3,000,000	235

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UTSC Research Funding

	2010	2011	2012	2013	2014	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	\$1182	1
GRAND TOTAL	\$12,827,551	265

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VPRO Support

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

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VPRO Support

A strategy for success

- In the past 3 years
 - 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
 - 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
	Connector		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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UNIVERSITY OF TORONTO SCARBOROUGH		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 NRA	18	13	8		39
	Banting Post Doc Fellowships		6	5		11
Various others	Ministry of Ontario, etc		25	30		55
Totals						244

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UNIVERSITY OF TORONTO SCARBOROUGH		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 Bhagirath Singh Early Career Award in Infection & Immunity	1	Feb-15	1	Bebhinn Treanor	
Royal Society New Scholars	2	Mar-15	0		
Steele Prize	1	Jul-15	0		
Kilham Fellowship	1	Aug-15	0		
Heineken Prize	1	Aug-15	TBA		
RSC History Fellow	1	Sep-15	TBA		
SSHRC Insight Impact Award	1	Mar-16	0		
RSC Innis-Gerim Medal	1	Mar-16	TBA		
RSC Member - Chemistry	1	Dec-16	TBA		

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UNIVERSITY OF TORONTO SCARBOROUGH		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				
DPES	6	\$3,000			1	\$200
English	1	\$300				
CFL	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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UNIVERSITY OF TORONTO SCARBOROUGH		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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UNIVERSITY OF TORONTO SCARBOROUGH		VPRO Research Competitiveness Fund 2011 2016	
Applications: 135	} to 2016	Funded: 77	} to 2015
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			

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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
New Frontiers Seminar Series	Faculty/Students	\$ 10,000
Environmental Chemistry Colloquium	Faculty	\$ 1,500
Environmental Studies Doctoral Student Colloquium	Student	\$ 1,500
Interdisciplinary Research & Discovery Symposium	Student	\$ 700
Ontario High School Student-Student Award	Community	\$ 250
TEDe@UTSC conference	Campus wide	\$ 5,000
Anthropology Immanent Ethics Workshop (Jan 2016)	Student	\$ 1,500
University of Toronto Symposium: The After Lives of Structuralism (Kestivo, A. Pizz, November 2014)	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 (April 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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