



RESEARCH EXCELLENCE

GOAL 1: INCREASE THE QUALITY AND IMPACT OF UBC'S RESEARCH AND SCHOLARSHIP

Objective: Excellence in Research and Scholarship

PURPOSE: UBC is a leading research-intensive university and continues to support the critical and creative thinking that has fostered our capacity to innovate within and beyond academia. We continue to strive for excellence in all aspects of our research activity. The combination of research funding (inputs), scholarly production and bibliometrics (outputs), and recognition of excellence by peers (scholarly prizes and awards, scholarships), provide us with a set of metrics comparable to other institutions within Canada and globally, to benchmark our performance as a research-intensive university.

	Okanagan & Vancouver			
Metric Summary	2010/11	2011/12	2012/13	2013/14
Total Research Funding*	\$549.5M	\$519.5M	\$519.6M	\$564.28M
Scholarly Outputs	7,730 ⁺⁺	8,245 ⁺⁺	7,832 ⁺⁺	Not available
Scholarly Prizes & Awards	22	29	28	27
Scholarships Awarded	364	302	281	289 Partial data, see note

⁺⁺For # UBC publications, see notes with ++ in Section 2 Reporting Sheet, Scholarly Outputs.

Summary of Items to Create Metrics

SECTION 1: Total Research Funding

- A) Total and International research funding recorded in the RISE database.
- B) Total research funding* (federal, provincial, other) recorded in the RISE database.
- C) Tri-Council funding with benchmarking (success rates and market share where applicable).

This series of metrics measure the total value of all research funding at UBC in a variety of key categories of funding sources. UBC continues to maintain high success rates in world-class research funding programs. Sub-metrics include: Tri-Council Operating Grant Competitions (total funding, success rates, market share), Tri-Council Multi-Participant Competitions (total funding, success rates, market share).

*Federal funding is sum of Tri-Council funding (CIHR, NSERC, SSHRC) and Federal Government funding (Federal Government and CFI). Provincial funding is sum of BC Government funding (BC Government and BCKDF). Other funding is sum of US Government funding, other Foreign Government funding, and non-profit & industry funding.

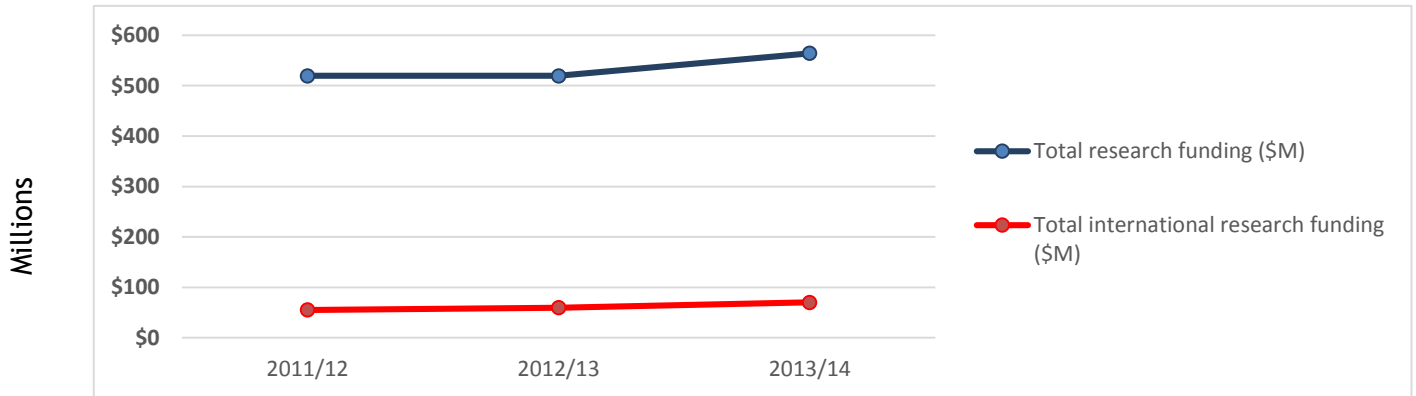
The metric is reported annually for the fiscal year from April 1 to March 31st. Total Research Funding data is finalized in June of each year. Tri-Council Success Rates and Funding data is collected in July and compiled in October of each year. Posted on VPRI website annually: <http://research.ubc.ca/vpri/funding-figures-reports>.

RESEARCH EXCELLENCE - A) Total and international research funding *

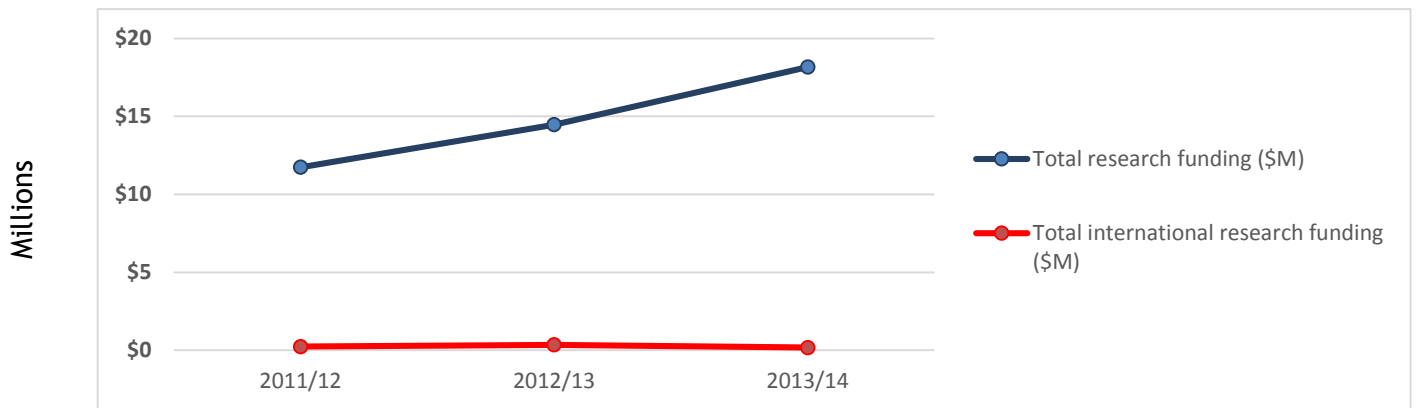
* Data obtained from RISE - see explanatory note re: Ministry Indicators, Sponsored Research Funding data source difference below

	UBC - Okanagan			UBC - Vancouver and Okanagan		
	2011/12	2012/13	2013/14	2011/12	2012/13	2013/14
Total research funding (\$M)	11.74	14.47	18.16	519.47	519.61	564.28
Total international research funding (\$M)	0.24	0.35	0.17	55.29	59.75	70.01

UBC - Vancouver and Okanagan Total and International Research Funding



UBC - Okanagan Total and International Research Funding



Benchmark N/A

Description

- Total research funding is from all sources and includes international.
- Total international research funding includes all sources external to Canada.
- Total research funding is the amount of funding per fiscal year. Grants awarded over a multi-year period are allocated in RISE into annual funding amounts.
- ***Note** that the SPONSORED Research Funding total provided in the UBC Annual Report, Ministry Indicators are sourced from CAUBO and reported on an “as received” basis, whereas the funding data from RISE are reported on an “as awarded” basis.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI
Data collection will be from: Martin Kirk, Director, ORS, and Dean Kuusela, Associate Director, ORS
Date: Fiscal year April 1 - March 31.

Explanation of Results

International funding, US and other Foreign, showed a strong 17% increase compared to FY13. The increase was consistent across all sectors from Industry to Non-Profit and Foreign Government. A strong US dollar did lead to a currency exchange gain for US dollar awards but even with this growth was solid in FY14.

Recommended Action

Retain focus on international research engagement and opportunities and explore further opportunities in FY15.

RESEARCH EXCELLENCE - B) Total Research Funding (federal, provincial, other)

		UBC - Okanagan			UBC - Vancouver			UBC - V + O		
		2011/12	2012/13	2013/14	2011/12	2012/13	2013/2014	2011/12	2012/13	2013/2014
Federal *	Tri-Council (\$M)	4.43	4.44	4.53	192.14	189.39	195.59	196.57	193.83	200.12
	Federal Gov't (\$M)	3.21	4.29	7.11	71.08	66.07	77.87	74.29	70.36	84.98
	Total (\$M)	7.64	8.73	11.64	263.21	255.46	273.46	270.86	264.18	285.10
Provincial **	BC Gov't (\$M)	0.26	0.43	.77	43.50	33.16	32.12	43.75	33.59	32.89
	BCKDF (\$M)	0.76	1.00	1.41	11.83	4.28	13.37	12.59	5.28	14.78
	Total (\$M)	1.10	1.43	2.18	55.32	37.43	45.49	56.34	38.86	47.67
Other Total*** (\$M)		3.08	4.31	4.34	189.20	212.25	227.17	192.28	216.56	231.51
Total Funding (\$M)		11.74	14.47	18.16	507.73	505.14	546.12	519.47	519.61	564.28

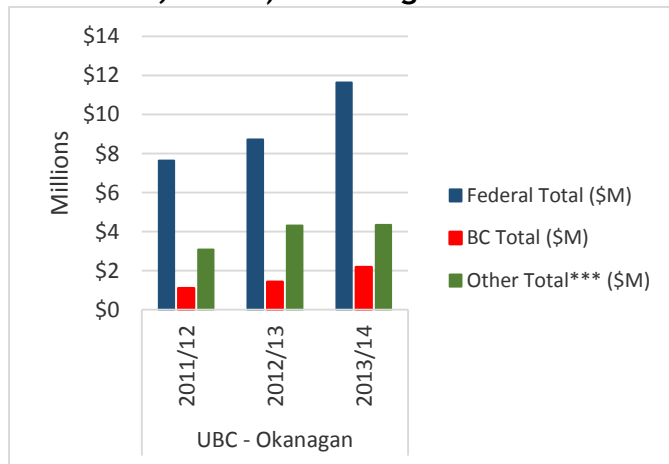
*Federal: Sum of Tri-Council funding (CIHR, NSERC,SSHRC) and Federal Government funding (Federal Government and CFI)

**Provincial: Sum of BC Government funding (BC Government and BCKDF - British Columbia Knowledge Development Fund)

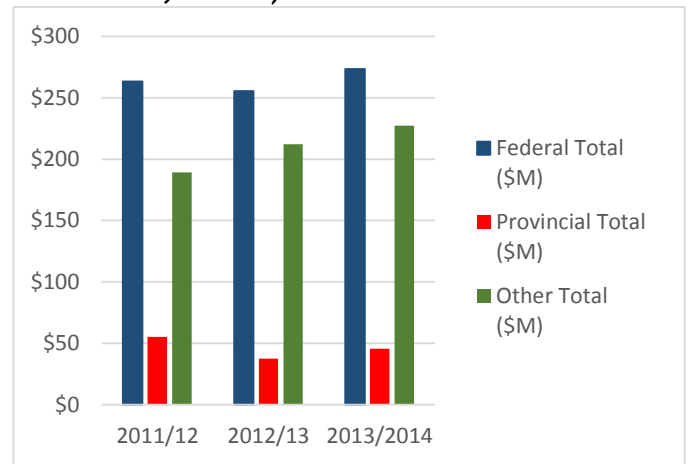
***Other: Sum of US Government funding, other Foreign Government funding, and non-profit & industry funding

Note: Data in above table is extracted from RISE

3-Year Trend of Total Funding (Federal, Provincial, Other) - Okanagan



3-Year Trend of Total Funding (Federal, Provincial, Other) - Vancouver



Benchmark: None Available

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI

Data collection will be from: Dean Kuusela, Associate Director, ORS / Martin Kirk, Director, ORS

Date: Fiscal year April 1- March 31

Explanation of Results

Federal and Provincial funding increased primarily due to a strong CFI and BCKDF funding cycle. A small increase in Tri-Council funding was recorded which helped to boost the total to levels above the FY12 numbers. Provincial funding for research, excluding BCKDF, marked the second of decline. Growth in International funding continued to be felt across all sectors and engagement with foreign sponsors is helping diversify the funding landscape.

Recommended Action

Increased support for engagement of foreign sponsors in research at UBC and international collaborations will help diversify the traditional sponsor funding composition. The focus on international engagement is showing though increased foreign research revenue for UBC. Efforts to increase Provincial funding amounts will continue.

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Operating Grant competitions (All data are compiled as for Application Dates per fiscal year (April 1st - March 31st)).*

* The below data are the total grant funds awarded over the full award period.

UBC Vancouver + Okanagan

	2011-2012 UBC-V+O						2012-2013 UBC-V+O						2013-2014 UBC-V+O					
	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount	UBC Market Share (%)	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount	UBC Market Share (%)	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount	UBC Market Share (%)
CIHR OOG (Sept.)	233	45	19%	18%	28.3	11%	223	49	22%	17%	27.9	12%	255	42	17%	16%	23.6	10%
CIHR OOG (Mar.)	229	44	19%	18%	28.4	12%	202	32	16%	18%	18.7	8%	293	44	15%	14%	29.0	13%
NSERC DG [^]	206	155	75%	N/A	26.4	N/A	196	146	75%	N/A	28.3	9%	173	129	75%	N/A	20.9	TBD
SSHRC IG	125	38	30%	27%	6.3	8%	169	44	26%	21%	7.4	9%	155	55	36%	TBA	10.5	TBD
SSHRC IDG	45	21	47%	35%	1.1	7%	41	15	37%	29%	.889	5%	57	19	33%	TBA	1.2	TBA

[^] Discovery Grants Program - Individual

UBC Okanagan

	2011-2012 UBC-O				2012-2013 UBC-O				2013-2014 UBC-O			
	Total Submitted UBC-O	Total Awarded UBC-O	UBC-O Success Rates (%)	Total Amount Funded UBC-O (\$M)	Total Submitted UBC-O	Total Awarded UBC-O	UBC-O Success Rates (%)	Total Amount Funded UBC-O (\$M)	Total Submitted UBC-O	Total Awarded UBC-O	UBC-O Success Rates (%)	Total Amount Funded UBC-O (\$M)
CIHR OOG (Sept.)	6	0	0%	0	5	0	0%	0	7	1	14%	0.3
CIHR OOG (Mar.)	8	0	0%	0	2	0	0%	0	TBA	TBA	TBA	TBA
NSERC DG	31	18	58%	1.9	33	19	58%	2.2	22	14	64%	1.6
SSHRC IG	17	2	12%	0.334	15	2	13%	0.172	15	3	20%	0.951
SSHRC IDG												

Competitions	Full Names	Application Dates	Results Announcement
CIHR OOG (Sept.)	Open Operating Grant	September	January following year
CIHR OOG (Mar.)	Open Operating Grant	March	Late June same year
NSERC DG	Discovery Grants Individual	November	April following year
SSHRC IG	Insight Grant	October	UBC results - May following year Canada wide results - Fall following year

UBC Vancouver + Okanagan: Total of Tri-Council Operating Grant Funding

Tri-Council Operating Grant - Funding Summary	2011-2012 UBC-V+O			2012-2013 UBC-V+O			2013-2014 UBC-V+O		
	UBC Market Share (%\$)	Total UBC Funding(\$M)	National Ranking	UBC Market Share (%\$)	Total UBC Funding (\$M)	National Ranking	UBC Market Share (%\$)	Total UBC Funding (\$M)	National Ranking
CIHR OOG (Sept. + Mar.)	12%	56.706	3	10%	46.602	Sep. - 3 Mar. - 4	TBD	\$52.667	Sep. - 3 Mar. - TBD
NSERC DG	8%	26.431	2	9%	28.389	1	TBD	20.950	TBD
SSHRC IG	8%	6.388	3	8%	7.479	2	TBD	10.5	TBD
Total		89.525			82.470			TBD	

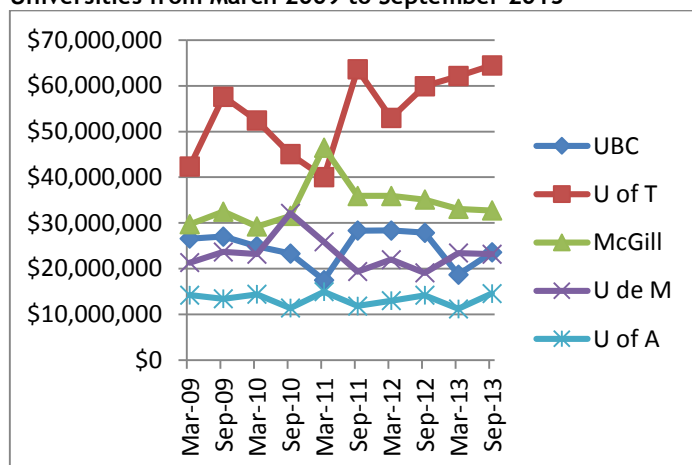
NOTE: N/A = not available; TBA = National results to be announced by the funding council; TBD = To be determined

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Operating competitions

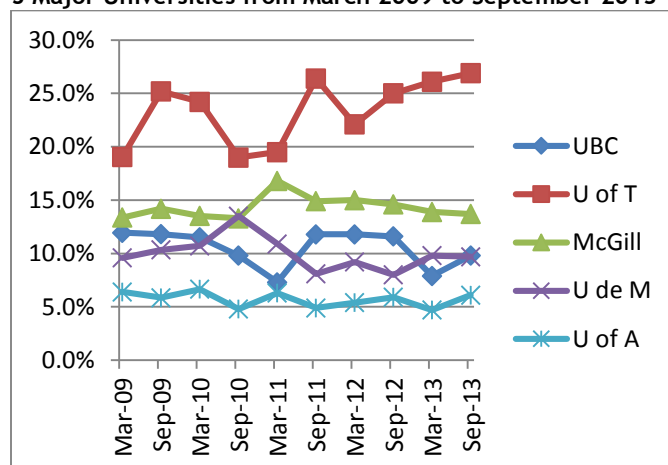
CIHR OPEN OPERATING GRANT (OOG)

Benchmark (comparable metrics from selected sister universities) - Source: SPARC

CIHR OOG: Absolute Dollars Comparison for 5 Major Universities from March 2009 to September 2013



CIHR OOG: Market Share Comparison of Absolute Dollars for 5 Major Universities from March 2009 to September 2013



September 15, 2013 Competition Specifics

	Total Applied	Total Awarded	Success Rate (%)	Funding Secured (\$M)	Market Share (%)
UBC	255	42	17% ¹	23.593	10%
Toronto	N/A	98	N/A	64.464	27%
McGill	N/A	53	N/A	32.743	14%
Montreal	N/A	38	N/A	23.179	10%
Alberta	N/A	23	N/A	14.586	6%
TOTAL	2527	396 ²	17%	239.648	100%

March 1, 2014 Competition Specifics

	Total Applied	Total Awarded	*Success Rate (%)	Funding Secured (\$M)	Market Share (%)
UBC	293	44	15%	29.074	13%
Toronto	N/A	TBA	N/A	TBA	TBA
McGill	N/A	TBA	N/A	TBA	TBA
Montreal	N/A	TBA	N/A	TBA	TBA
Alberta	N/A	TBA	N/A	TBA	TBA
TOTAL	TBA	TBA	TBA	TBA	100%

Notes:

1. In March 2007, CIHR stopped publishing "# of applications reviewed per institution"; therefore it is no longer possible to calculate institutional success rates for comparison purposes. Percentage of the national market share is calculated instead.
2. Data compiled on April 4, 2014 for 396 grants.

Description

The Canadian Institutes of Health Research (CIHR), the federal health funding agency, used to hold two annual Open Operating Grant (OOG) competitions each year (September 15th and March 1st), supporting investigator-driven research. However, CIHR is transitioning to a new suite of Open Programs during 2014 and 2015, to replace the OOG with Foundation and Project Scheme competitions. The final September OOG competition was held in 2013 and the final March OOG competition will occur in 2015. The Foundation Scheme competition is being piloted in 2014 and 2015.

Beginning in 2016, CIHR will hold Spring and Fall Project Scheme competitions, with a Foundation Scheme competition with Phase 1 applications due in the Fall and Phase 2 applications due in the Spring.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: Christy McTait, SPARC

Date: The March OOG results are announced in late June/early July, and the September OOG results in late January of the following year. These numbers do not represent the final competition results. There are always a number of "pending" awards which have been informally approved by CIHR but, until the Principal Investigator meets specific requirements (e.g., formation of safety data monitoring boards for randomized controlled trials), they are not

publically disclosed. Once requirements have been met, “pending” awards are formally added to the CIHR Database, therefore the total number of awards per competition fluctuates (increases) in the 6+ months following the announcement, and national and UBC metrics require regular updating.

Explanation of Results

UBC’s performance continues to be variable over the annual competitions. There is only one conventional OOG competition remaining (March 2015). CIHR new programs will then come into effect.

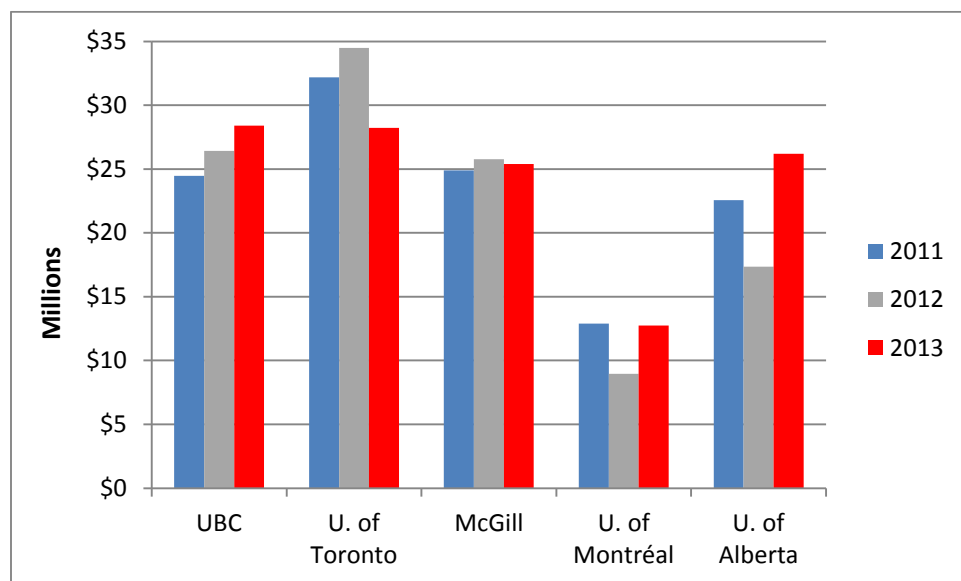
Recommended Action

We will focus our efforts on a strategic approach to providing grant support, such as rigorous internal peer review processes, proposal development, editorial review, partnership development and workshops.

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Operating competitions

NSERC DISCOVERY GRANTS (DG) - Individuals - excluding DG team and Subatomic Physics grants

NSERC DG: Absolute Dollars Comparison for 5 Major Universities for 2011-2013 (2014 results: TBA)



Source: SPARC

	2010-2011			2011-2012			2012-2013		
	Success Rate (%)	Total Awarded (\$M)	Market Share (%)	Success Rate (%)	Total Awarded (\$M)	Market Share (%)	Success Rate (%)	Total Awarded (\$M)	Market Share (%)
UBC	75%	24.473	N/A	75%	26.431	N/A	75%	28.389	8.86%
U of T	N/A	32.186	N/A	N/A	34.483	N/A	N/A	28.214	8.81%
McGill	N/A	24.883	N/A	N/A	25.759	N/A	N/A	25.394	7.93%
U of A	N/A	22.562	N/A	N/A	17.344	N/A	N/A	26.203	8.18%
U of Mont	N/A	12.898	N/A	N/A	8.946	N/A	N/A	12.747	3.98%
National	N/A	N/A	100%	N/A	N/A	100%	N/A	320.238	100%

Description

National data are obtained from 2011, 2012 and 2013 Competition Statistical Reports, produced by NSERC, found online: http://www.nserc-crsng.gc.ca/Professors-Professeurs/DiscoveryGrants-SubventionsDecouverte/Index_eng.asp
The 2014 results have yet to be released.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: Burdena Shea, Associate Director, SPARC

Date: Annual competition in November, UBC results provided mid to end of April of each year. National results released 6 to 12 months later.

Explanation of Results

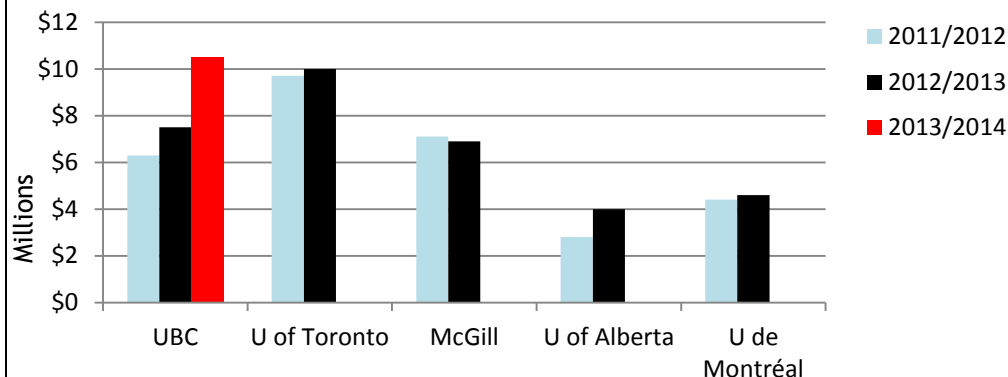
In 2012-2013, UBC surpassed the University of Toronto for the first time in four years in total dollars awarded. On average, UBC submits approximately 196 applications each year to the Discovery Grant Individual program with an average success rate of approximately 75%, which is significantly higher than the national average of 60%.

RESEARCH EXCELLENCE - Success rate and funding amount in Tri-Council Operating competitions

SSHRC INSIGHT GRANT (IG)

Benchmark

SSHRC IG: Absolute Dollars Comparison for 5 Major Universities for 2011-2012, 2012-2013 and 2013-2014 (2013-2014 National results: TBA)



SSHRC IG: Absolute Dollars Comparison for 5 Major Universities for 2011-2012, 2012-2013 and 2013-2014 (2013-2014, National Results to be announced)

	2011-2012				2012-2013				2013-2014		
	Success Rate (%)	Total Awarded (\$M)	Market Share (%)	*Rank	Success Rate (%)	Total Awarded (\$M)	Market Share (%)	*Rank	Success Rate (%)	Total Awarded (\$M)	Market Share (%)
UBC	30%	6.3	8%	3	26%	7.5	8%	2	36%	10.5	TBA
U of Toronto	39%	9.7	12%	1	29%	10	11%	1	TBA	TBA	TBA
McGill	41%	7.1	9%	2	30%	6.9	8%	3	TBA	TBA	TBA
U of Alberta	22%	2.8	3%	15	24%	4.0	5%	6	TBA	TBA	TBA
U de Montréal	32%	4.4	5%	4	29%	4.6	5%	5	TBA	TBA	TBA
National	27%	84	100%		21%	88	100%		TBA	TBA	

*Rank: First by number of applications funded then by total funding secured

Description

The Insight Grant (IG) was introduced in the 2011-2012 competition year following the discontinuation of the SSHRC Standard Research Grant (SRG). The new IG program provides support up to \$500,000 for projects of 3-5 years in duration. National statistics on the Insight Grant program can be found at <http://www.sshrc-crsh.gc.ca/results-resultats/stats-statistiques/index-eng.aspx>.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: Danica Kell, SPARC

Date: Annual Competition in October, results announced by SSHRC in May of following year.

Explanation of Results

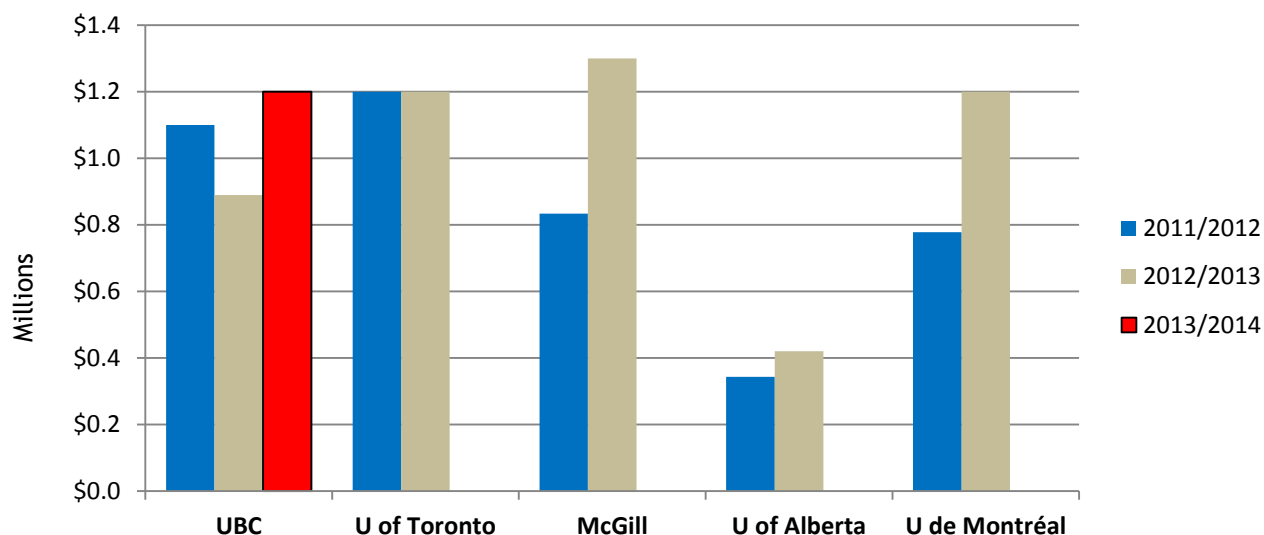
In 2013-2014, UBC secured \$10.5M, a 67% increase in funding from the 2011-2012 competition. Also, UBC's success rate increased to 36% the highest in three years. A full comparison against the other universities will be conducted when the national results are released.

RESEARCH EXCELLENCE - Success rate and funding amount in Tri-Council Operating competitions

SSHRC INSIGHT DEVELOPMENT GRANTS (IDG)

Benchmark

SSHRC IDG: Absolute Dollars Comparison for 5 Major Universities for 2011-2012, 2012-2013 and 2013-2014 (National results to be released for the 2013-2014 competition).



	2011-2012			2012-2013			2013-2014		
	Success Rate (%)	Total Awarded (\$M)	Market Share (%)	Success Rate (%)	Total Awarded (\$M)	Market Share (%)	Success Rate (%)	Total Awarded (\$M)	Market Share (%)
UBC	47%	1.1	7%	37%	0.889	5%	33%	1.2	TBA
U of Toronto	43%	1.2	7%	39%	1.2	6%	TBA	TBA	TBA
McGill	43%	.834	5%	48%	1.3	7%	TBA	TBA	TBA
U of Alberta	23%	.343	2%	26%	0.420	2%	TBA	TBA	TBA
U de Montréal	46%	.778	5%	51%	1.2	6%	TBA	TBA	TBA
National	35%	17	100%	29%	18	100%	TBA	TBA	100%

Description

Insight Development Grants support research in its initial stages. Grants are valued at between \$7,000 and \$75,000 over one to two years. At least 50% of funds are reserved for applications from emerging scholars.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: Danica Kell, Research Development Officer, SPARC

Date: Annual Competition in October, results announced by SSHRC in May of following year.

Explanation of Results

Since inception of the IDG competition, UBC has consistently scored above the national success rate. From the 2012-2013 competition to the 2013-2014 competition, UBC secured a 74% increase in total funding and the Okanagan campus had a 10% increase in its success rate.

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Multi-Participant grant competitions^{1,2}

COUNCIL SUMMARY TABLE

NOTES:

- All data are compiled as for Applications' Dates per fiscal year (April 1st - March 31st).
- CIHR holds numerous multi-participant grant competitions every year and the majority are ad hoc. However, the Collaborative Health Research Projects competition, funded by CIHR and NSERC tends to be held annually.

	2011-2012 UBC-V+O						2012-2013 UBC-V+O						2013-2014 UBC-V+O					
	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount	UBC Market Share (%)	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount	UBC Market Share (%)	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount	UBC Market Share (%)
CIHR/NSERC CHRP [^]	19	7	37%	22%	4.564	23%	16	8	50%	31%	4.082	19%	17	4	24%	29%	1.921	9.5%
NSERC CREATE [^]	5	3	60%	N/A	4.944	20%	3	1	33%	N/A	1.650	7%	4	2	50%	N/A	3.300	22%
NSERC SPG [*]	49	6	12%	17%	2.937	9%	29	12	41%	26%	5.287	15%	24	9	38%	24%	4.265	12%
SSHRC PDG	11	4	36%	47%	0.796	4%	13	4	31%	37%	0.792	7%	11	5	45%	TBA	0.978	TBA
SSHRC PG [^]	2	1	50%	74%	2.999	5%	1	1	100%	67%	2.503	5%	2	1	50%	TBA	2.500	TBA

[^]CIHR/NSERC CHRP, NSERC CREATE and SSHRC PG - Phase 2 results

^{*}NSERC SPG - Source: NSERC email to UBC

	2011-2012 UBC-O				2012-2013 UBC-O				2013-2014 UBC-O			
	Total Submitted UBC-O	Total Awarded UBC-O	UBC-O Success Rates (%)	Total Amount Funded UBC-O (\$M)	Total Submitted UBC-O	Total Awarded UBC-O	UBC-O Success Rates (%)	Total Amount Funded UBC-O (\$M)	Total Submitted UBC-O	Total Awarded UBC-O	UBC-O Success Rates (%)	Total Amount Funded UBC-O (\$M)
CIHR/NSERC CHRP	None submitted				None submitted				None submitted			
NSERC CREATE	None submitted				None submitted				None submitted			
NSERC SPG	6	0	0%	0	4	0	0%	0	0	0	0%	0
SSHRC PDG	1	1	100%	0.200	3	0	0%	0	3	1	33%	0.198
SSHRC PG	None submitted				None submitted				None submitted			

NOTE: "Total Amount Funded": These values represent the total grant funds awarded over the full award period.

Competition	Full name	Application Date	Results Announcement
CIHR/NSERC CHRP	Collaborative Health Research Projects	October (Phase 2)	March-May following year
NSERC SPG	Strategic Project Grant	April	February following year
NSERC CREATE	Collaborative Research And Training Experience	September (Phase 2)	Mid-Spring following year
SSHRC PDG	Partnership Development Grants	November	Late Spring following year
SSHRC PG	Partnership Grants	October (Phase 2)	Late Spring following year

NOTE: N/A = Not Available

TBA = To be announced

TBD = To be determined

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Multi-Participant grant competitions

SELECTED CIHR MULTI-PARTICIPANT GRANT COMPETITIONS:

1- CIHR AND NSERC COLLABORATIVE HEALTH RESEARCH PROJECTS (CHRP) - ongoing competition

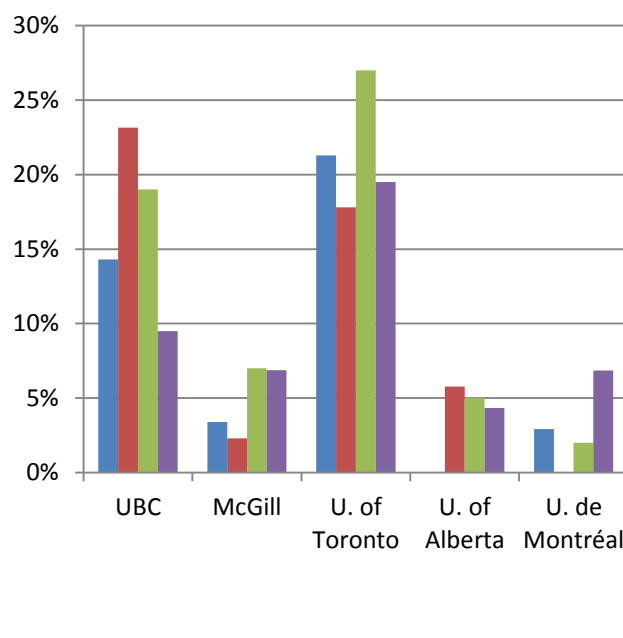
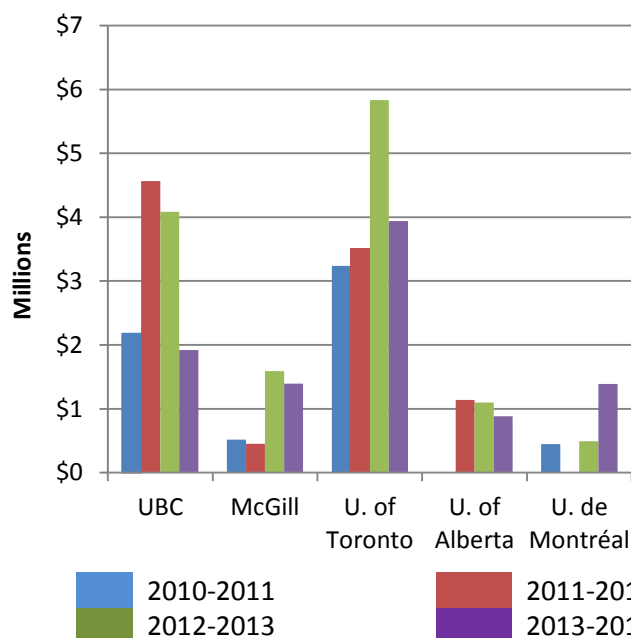
Program type: Operating Grant

Benchmark - Comparison of CHRP Results over the past 3 years for the 5 major Canadian Universities

Institutions	2011-2012			2012-2013			2013-2014		
	Total # Awarded	Total Amount Funded (\$M)	Market Share (%)	Total # Awarded	Total Amount Funded (\$M)	Market Share (%)	Total # Awarded	Total Amount Funded (\$M)	Market Share (%)
UBC	7	4.564	23%	8	4.082	19%	4	1.921	9%
McGill	1	0.451	2%	3	1.590	7%	3	1.392	6%
U of Toronto	7	3.510	17%	11	5.833	27%	5	3.937	19%
U of Alberta	2	1.139	6%	2	1.096	5%	2	.881	4%
U de Montréal	0	0	0	1	0.492	2%	2	1.386	6%
Total Funding (All Institutions)	37	19.7	100%	40	21.5	100%	36	20.2	100%

4-year Trend Absolute Total Dollars Awarded - Comparison for 5 Major Canadian Universities

4-Year Trend Market Share - Comparison for 5 Major Canadian Universities



Source: SPARC

Description

The Collaborative Health Research Projects (CHRP) program supports focused interdisciplinary collaborative research projects involving any field of the natural sciences or engineering and any field of the health sciences. Proposed research projects must be knowledge translation driven, and involve a Canadian-based organization which ultimately leads to health and economic benefits for Canadians. This may be through more effective health services and products, and/or the strengthening of health care systems in Canada.

The CHRP program provides support for projects of up to three years in duration.

The application process is composed of two phases: (1) Phase I, May deadline (results announced July) and (2) Phase II, October deadline (results released March/April of the following year). Only applicants successful at the Phase I are invited to submit a Phase II Application.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: Burdena Shea, Associate Director, SPARC

Date: Phase II results announced March/April/early May of the following year

Explanation of Results

- In 2013/2014,
 - o UBC placed second in the number of awards and total funding, behind U. of Toronto
- Over the past 3 years of competition:
 - o UBC, similar to U. of Toronto, has experienced a downward trend in total number of awards and secured funding

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Multi-Participant Grant competitions

NSERC COLLABORATIVE RESEARCH AND TRAINING EXPERIENCE (CREATE) Program

Benchmark - Total Number of NSERC CREATE Awarded Applications per year for 5 major Canadian Universities

Institutions	2009	2010	2011	2012	2013	2014	Total Number of Awards	Total \$M secured (2009 to 2014)
UBC	3	1	3	3	1	2	13	21.438
U of Toronto	3	1	1	1	4	0	10	16.500
McGill	3	1	2	2	1	2	11	18.117
U of Montreal	1	1	0	0	1	1	4	6.600
U of Alberta	0	0	1	1	0	1	3	4.940

Source: NSERC CREATE Website (June 5, 2014) - http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE/ResultatsFONCER_eng.asp?Year=2014

Description

CREATE stands for Collaborative Research And Training Experience. This program, commenced in 2009, supports the training of highly qualified students and postdoctoral fellows through the development of innovative training which preferably should include interaction with industry and other academics. Also, the training program should align with Canada’s research priorities, and involve developing professional and technical skills that facilitates job-readiness.

There are two phases to this competition. For Phase 1 (LOI), UBC, along with other large institutions (e.g., U. of Toronto, McGill) is permitted to submit up to 6 LOI applications through the regular stream. UBC holds an internal selection competition to select the top 6. NSERC then invites applicants to submit to Phase 2 of the competition.

A few years ago, NSERC introduced a new stream of funding to the CREATE program called the “International Collaborations”. An agreement was established with the German Research Foundation, the Deutsche Forschungsgemeinschaft (DFG). In order to be successful, NSERC and DFG must approve applications submitted to both agencies. Most recently, NSERC has established an agreement with funding agencies in Brazil, where funding is conditional on the success of the NSERC CREATE proposal.

The above table only reflects the final Phase 2 results.

The maximum award from NSERC CREATE is \$1,650,000 each, for a total funding period of 6 years.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI

Data collection will be from: SPARC (Burdena Shea and Danica Kell)

Date: Near the end of June the LOI results of the current competition (2014/2015) will be provided

Explanation of Results

As of June 5, 2014, UBC has received a total of 13 CREATE awards in the last 6 years, ahead of McGill and U. of Toronto. The NSERC CREATE competition results webpage lists all awards and does not highlight awards made in conjunction with international collaborators.

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Multi-Participant grant competitions

NSERC STRATEGIC PROJECT GRANT (SPG)

Benchmark - Comparison of SPG Results over the past 3 years for the 5 major Canadian Universities

Institutions	2011-2012			2012-2013			2013-2014		
	Total # Awarded	Total Amount Funded (\$M)	Market Share (%)	Total # Awarded	Total Amount Funded (\$M)	Market Share (%)	Total # Awarded	Total Amount Funded (\$M)	Market Share (%)
UBC	6	2.937	9%	12	5.287	15%	9	4.265	12%
U of Toronto	11	4.738	14%	7	2.954	8%	8	3.613	10%
McGill	6	2.601	8%	9	3.993	11%	3	1.174	3%
U of Alberta	7	3.177	10%	3	1.174	3%	4	2.124	6%
U of Montreal	1	0.453	1%	1	.472	1%	3	1.669	5%
Total Funding (All Institutions)	71	32.860	100%	81	36.121	100%	75	35.724	100%

Source: NSERC

Description The aim of the NSERC Strategic Project Grant program is “to increase research and training in targeted areas that could strongly enhance Canada’s economy, society and/or environment within the next 10 years”. There is no maximum or minimum funding.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: Burdena Shea, Associate Director, SPARC

Date: Annual SPG competition in April, results provided February of following year

Explanation of Results

For the 2013-2014 NSERC SPG Competition

- UBC was awarded more SPG grants (9 successful applications) and total SPG funding (\$4.265M) than any other university in Canada, for the second year in a row. In 2011-2012 UBC placed third, behind U. of Alberta and U. of Toronto.
- The average grant was \$162,700/year for 3 years, up approximately 6% from 2012-2013 while the total NSERC funding awarded to all institutions was down.

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Multi-Participant grant competitions

SSHRC PARTNERSHIP DEVELOPMENT GRANTS (PDG)

Benchmark

SSHRC Partnership Development Grants Competition Statistics

Institutions	2012-2013						2013-2014					
	Total Applied	Total Funded	Success Rate (%)	Funding (\$M)	Market Share (%)	National Ranking*	Total Applied	Total Funded	Success Rate (%)	Funding (\$M)	Market Share (%)	National Ranking**
UBC	13	4	31%	0.792	7%	3	11	5	45%	0.978	22%	TBA
McGill	10	4	40%	0.749	7%	4	TBA	TBA	TBA	TBA	TBA	TBA
U of Toronto	11	5	46%	1.072	10%	1	TBA	TBA	TBA	TBA	TBA	TBA
U of Alberta	4	1	25%	0.197	2%	27	TBA	TBA	TBA	TBA	TBA	TBA
U of Montreal	7	2	29%	0.399	4%	10	TBA	TBA	TBA	TBA	TBA	TBA
TOTAL - National	157	58	37%	11.168	100%		TBA	TBA	TBA	TBA	TBA	

*National Ranking - based first on number of applications funded then total funding awarded

** 2013-2014 (\$M): TBA - late June 2014

Description

The Partnership Development Grants (PDG) provide support for a ‘project director’ to foster new partnerships for research and related activities involving existing and/or potential partners; or to design and test new partnership approaches for research and/or related activities.

The PDG provides support from \$75,000 to \$200,000 for projects of 1-3 years in duration.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: SPARC, Danica Kell, Research Development Officer

Date: Annual Competition in October, results announced by SSHRC in May/June of following year.

Explanation of Results:

In 2013/2014, UBC secured \$0.978M, up 22% from 2011/2012 (\$0.796M). Also, UBC’s success rate increased as five of UBC’s applications were funded, one more than in years 2012/2013 and 2011/2012. The PDG competition was launched in 2011/2012.

RESEARCH EXCELLENCE - C) Success rate and funding amount in Tri-Council Multi-Participant grant competitions

SSHRC PARTNERSHIP GRANTS (PG)

Benchmark - SSHRC introduced the Partnership Grants program in the 2011-2012 competition year. Below are the award results for the top 5 research intensive universities in Canada.

SSHRC Partnership Grant Competition Statistics (P2 = Phase 2)

Institutions	2012-2013						2013-2014				
	Total LOI Applied	Total P2 Funded	Success Rate (%)	Funding (\$M)	Market Share (\$%)	Rank*	Total LOI Applied	Total P2 Funded	Success Rate (%)	Funding (\$M)	Market Share (\$%)
UBC	8	1	12.5%	2.503	5%	8	11	1	9%	2.500	TBA
McGill	9	2	22%	4.850	9%	4	TBA	TBA	TBA	TBA	TBA
U of Toronto	5	2	40%	5.678	11%	2	TBA	TBA	TBA	TBA	TBA
U of Alberta	2	0	0%	0	0%	N/A	TBA	TBA	TBA	TBA	TBA
U de Montréal	2	1	50%	2.500	5%	11	TBA	TBA	TBA	TBA	TBA
TOTAL- *National	100	20	20%	51.900	100%	20	100	TBA	TBA	TBA	100%

Notes:

LOI = Letter of Intent, Phase I

P2 = Phase II

*2013-2014 National Ranking (\$M): TBA - late June 2014

Description

The Partnership Grants (PG) provide support for new and existing formal partnerships over four to seven years to advance research and/or knowledge mobilization in the social sciences and humanities through mutual co-operation and sharing of intellectual leadership, as well as through resources as evidenced by cash and/or in-kind contributions. Partnerships must be led by the institution (e.g., UBC as opposed to the Principal Investigator).

The SSHRC website states a funding of “maximum \$500,000 per year, up to \$2.5 million in total” for the duration of 4-7 years. However, SSHRC has awarded more than \$2.5M in funding a number of times (e.g., 2012/2013, York U., \$3.5M).

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office

Data collection will be from: SPARC SSH Partnership Development Manager

Date: Annual PG LOI Competition in February. Successful LOI applicants invited to submit full application in October of same year. Results announced June of the following year.

Explanation of Results

In 2012/2013, SSHRC awarded Partnership Grant funding to 15 universities. Of the 20 applications funded, York received funding for three awards, and SFU, U. of Toronto and McGill U. received two. UBC along with ten other universities (e.g., U. de Montréal) received one PG award. Twenty-six of the institutions (e.g., U. of Alberta, Ryerson U.) did not receive funding.