



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

*All data are compiled as for Applications' Dates per fiscal year (April 1st - March 31st)

Note: Selected CIHR Multi-Participant Grant Competitions. This is a small sampling of numerous CIHR Multi-Participant Grants that UBC researchers have successfully applied for funding; the majority of these funding competitions are ad hoc.

	2010-2011 UBC - V + O						2011-2012 UBC - V + O						2012-2013 UBC - V + O					
	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount Funded (\$M)	UBC Market Share (%)	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount Funded (\$M)	UBC Market Share (%)	UBC Total Submitted	UBC Total Awarded	UBC Success Rates (%)	National Success Rates (%)	UBC Total Amount Funded (\$M)	UBC Market Share (%)
CIHR- ¹	13	5	38%	29%	2.175	14%	19	7	37%	22%	4.564	23%	16	8	50%	31%	4.082	19%
CIHR- ²	N/A	4	N/A	N/A	0.855	24%	No competition held in 2011-2012						N/A	2	N/A	N/A	0.450	14%
CIHR- ³	Ad hoc competition						Ad hoc competition						1	1	100%	40%	2.500	25%
CIHR- ⁴	Ad hoc competition						Ad hoc competition						N/A	2	N/A	N/A	2.450	34%
CIHR- ⁵	Ad hoc competition						Ad hoc competition						4	1	25%	14%	2.486	17%
NSERC SPG	65	14	22%	22%	7.026	13%	49	6	12%	17%	2.937	9%	29	12	41%	26%	5.287	15%
NSERC CREATE	3	3	100%	N/A	4.946	17%	5	3	60%	N/A	4.944	21%	3	TBA	TBA	TBA	TBA	TBA
SSHRC PDG	7	1	14%	32%	0.199	1%	11	4	36%	47%	0.796	4%	13	4	31%	TBA	0.792	TBA
SSHRC PG*							2	1	50%	74%	2.999	5%	1	1	100%	TBA	2.503	TBA

*PG introduced in 2011-2012 fiscal competition year following the discontinuation of several SSHRC programs.

	2010-2011 UBC - O				2011-2012 UBC - O				2012-2013 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- ¹	N/A				None submitted				None submitted			
CIHR- ²	N/A				No competition held in 2011-2012				N/A			
CIHR- ³	Ad hoc competition				Ad hoc competition				None submitted			
CIHR- ⁴	Ad hoc competition				Ad hoc competition				N/A			
CIHR- ⁵	Ad hoc competition				Ad hoc competition				2	0	0%	0
NSERC SPG	10	2	20%	0.799	6	0	0%	0	4	0	0%	0
SSHRC PDG	N/A				1	1	100%	0.200	3	0	0%	0
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- ¹	Collaborative Health Research Projects	October (Phase 2)	April following year
CIHR- ²	China-Canada Joint Health Research Initiative	May	November same year
CIHR- ³	HIV /AIDS and Comorbidities	June (Phase 2)	November same year
CIHR- ⁴	Canadian Epigenetics, Environment, and Health Research Consortium (CEEHRC)	June (Phase 2)	May following year
CIHR- ⁵	Community-Based Primary Healthcare	October (Phase 2)	April following year
NSERC SPG	Strategic Project Grant	April	February following year
NSERC CREATE	Collaborative Research Education And Training Experience	September (Phase 2)	June following year
SSHRC PDG	Partnership Development Grant	November	May following year
SSHRC PG	Partnership Grant	October (Phase 2)	April/May following year

NOTE: N/A = Not Available



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SELECTED CIHR MULTI-PARTICIPANT GRANT COMPETITIONS:

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

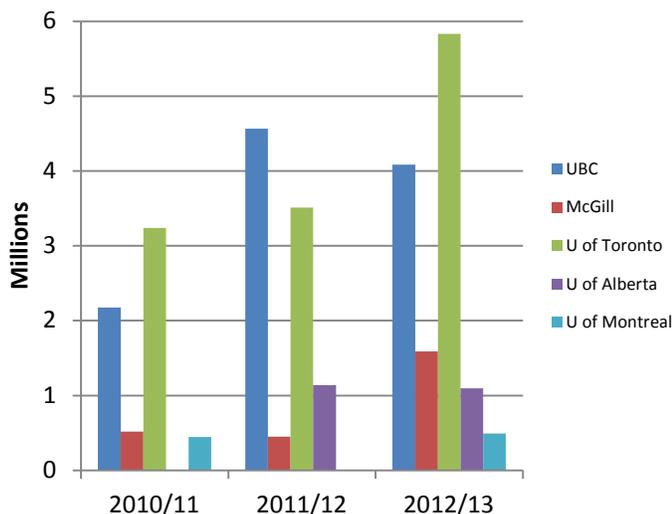
Program type: Operating Grant

Benchmark (comparable metrics from selected universities)

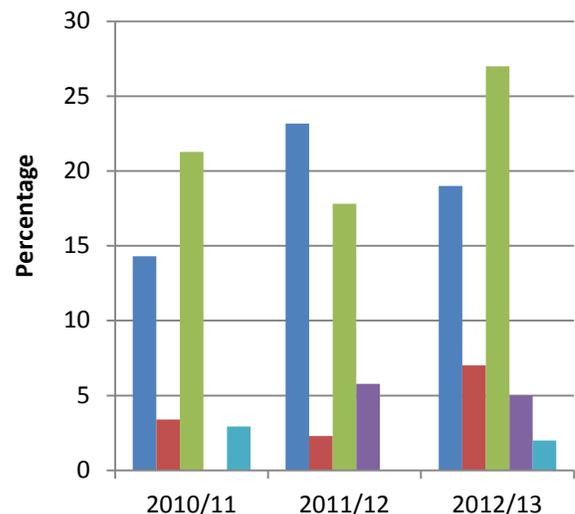
CIHR/NSERC Collaborative Health Research Projects:

Institutions	2010-2011			2011-2012			2012-2013		
	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	5	2.175	14%	7	4.564	23%	8	4.082	19%
McGill	1	0.516	3%	1	0.451	2%	3	1.590	7%
U of Toronto	7	3.237	21%	7	3.510	17%	11	5.833	27%
U of Alberta	0	0	0	2	1.139	6%	2	1.096	5%
U of Montreal	1	0.444	3%	0	0	0	1	0.492	2%

3-year Trend Absolute Total Dollars Awarded Comparison for 5 major Canadian Universities



3-Year Trend Market Share Comparison for 5 major Canadian Universities



Source: SPARC

Note: Data for competitions held in 2010-2011 and 2011-2012 have been updated

**Description (definition)**

The Collaborative Health Research Projects (CHRP) program supports focussed interdisciplinary collaborative research projects involving any field of the natural sciences or engineering and any field of the health sciences. Proposed research projects should be innovative, and lead to health benefits for Canadians, more effective health services, and/or economic development in health-related areas.

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

The application process is composed of two phases: (1) Letter of Intent, May deadline and (2) Full Application, September deadline. Only applicants successful at the LOI phase are invited to submit a Full Application (statistics recorded under CIHR-²).

2- CIHR CHINA-CANADA JOINT HEALTH RESEARCH INITIATIVE**Program type: Other****Description (definition)**

The program is jointly managed and funded by the Canadian Institutes of Health Research (CIHR) and the National Natural Science Foundation of China (NSFC). The aim is to promote the development of Canadian-Chinese scientific collaboration amongst universities, hospitals, research institutes and affiliated research organizations in Canada and China. Two applications, one to CIHR and one to NSFC must be submitted, and only applications approved by both agencies will receive the award.

The maximum amount awarded for a single grant (for Canadian researchers) is up to \$75,000 per year for up to three years. In 2012-2013, the China-based researcher was awarded total funding of \$157,479 by the NSFC, an increase of 7% from 2010-11. Alternatively, the CIHR decreased its total awarded funding by 9% from \$3.5M in 2010-11 to \$3.2M in 2012-2013.

3- CIHR HIV/AIDS COMORBIDITIES**Program type: Team Grant****Description (definition)**

This funding opportunity supports research teams comprised of experts from at least three or more research disciplines, one of which must be a knowledge user AND representative of at least two of CIHR's research themes (i.e., biomedical, clinical, health systems and services, population and public health). In addition, the multidisciplinary collaborative project needs to address HIV and aging and/or HIV, Mental Health and Neurological Conditions. Specifically, CIHR will support research focussed on burden of disease, disease progression and interventions.

The competition involved two phases: Letter of Intent and Full Application (by invitation).

The maximum amount awarded for a single grant is \$500,000 per annum for up to 5 years.

4- CIHR CANADIAN EPIGENETICS, ENVIRONMENT, AND HEALTH RESEARCH CONSORTIUM (CEEHRC)**Program type: Team Grant****Description (definition)**

The purpose of this funding opportunity is to support exploration of gene-environment interactions where epigenetics may play a role and their implications across populations and generations.

CIHR contributed upwards of \$300,000 per year for up to five years to fund a successful application. Other funding partners, Genome BC awarded \$550,000 to UBC researchers and Fonds de Recherche du Québec contributed additional funding consisting of \$750,000 awarded to researchers from McGill (not included in table on Page 1, CIHR-⁴).

The competition involved two phases: Letter of Intent and Full Application (by invitation only).



5- CIHR COMMUNITY-BASED PRIMARY HEALTHCARE

Program type: Team Grant

Description (definition)

The overarching objective of this funding opportunity is to establish the conditions for innovation and transformative change in community based primary healthcare, commencing with the 'Innovation Teams' competition. Through this approach, which includes collaborating with a highly educated and dedicated workforce, the mission is to improve the health and well-being of the population.

CIHR awarded upwards of \$500,000 per year for a term of five years for a single team grant.

CIHR funded this competition in collaboration with partners, which included the Michael Smith Foundation for Health Research and Fond de Recherche du Québec - Santé (totals included in the table on Page1, CIHR⁵).

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: Funding announcement variable and throughout the year; anticipated reporting date in September of every year.

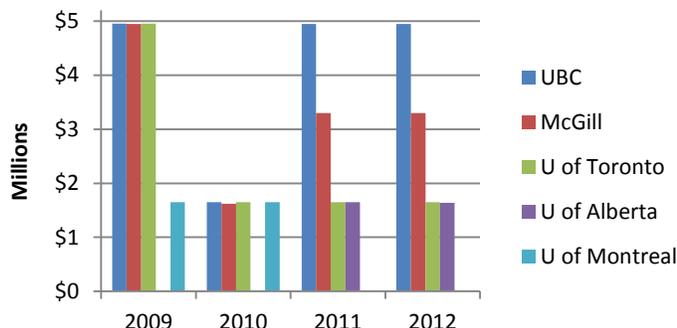


RESEARCH EXCELLENCE - Success rate and funding amount in Tri-Council Multi-Participant Grant competitions

NSERC COLLABORATIVE RESEARCH EDUCATION AND TRAINING EXPERIENCE (CREATE)

Benchmark (comparable metrics from selected universities)

4-Year Trend of NSERC CREATE Funding Secured per year for 5 major Canadian Universities



Source: SPARC

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

Institutions	2009	2010	2011	2012	2013
UBC	3	1	3	3	TBA
McGill	3	1	2	2	TBA
U of Toronto	3	1	1	1	TBA
U of Alberta	0	0	1	1	TBA
U of Montreal	1	1	0	0	TBA

Source: SPARC

Description (definition)

CREATE stands for Collaborative Research Education And Training Experience. This program 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.

Maximum award 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: Nicole Bennett, Internal Review Officer - NSERC, SPARC

Date: Near the end of June the LOI results of the current competition will be provided along with the final results of the previous year’s full competition.

Explanation of Results (this section to be included in the annual report)

There are two stages to this competition. At Stage 1 (LOI), UBC, along with other large institutions (e.g., U. of Toronto and McGill) is permitted to submit up to 6 applications. UBC holds an internal selection competition to select the top 6. NSERC invites applicants to submit to Phase 2 of the competition. The above table only reflects the final Phase 2 results.

UBC has dominated this program up to 2012, awaiting public announcement of the 2013 results. To date, no university has received more than 3 awards in a single year.

Recommended Action (identify any actions to be taken if results vary from what was expected)

A more strategic approach is required to connect future proposals to university priorities and to integrate successful CREATE proposals with existing student training (i.e., Graduate Pathways to Success, the Faculty of Graduate Studies; other CREATE Program offerings) and other value-added opportunities.

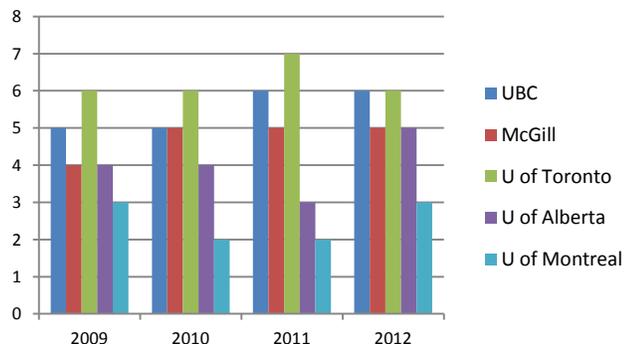


RESEARCH EXCELLENCE - Success rate and funding amount in Tri-Council Multi-Participant grant competitions

NSERC STRATEGIC PROJECT GRANT (SPG)

Benchmark (comparable metrics with sister universities)

4-Year Trend of # NSERC SPG Awarded Applications per year for 5 major Canadian Universities



Source: SPARC

Total Number of NSERC SPG Awarded Applications per year for 5 major Canadian Universities

Institutions	2009	2010	2011	2012
UBC	5	5	6	6
McGill	4	5	5	5
U of Toronto	6	6	7	6
U of Alberta	4	4	3	5
U of Montreal	3	2	2	3

Source: SPARC

For the 2012-2013 NSERC SPG Competition, UBC was awarded more SPG grants (12 successful applications) and total SPG funding than any other university in Canada (see Figure). SPARC provides multi-tier support for the NSERC SPG program including targeted workshops utilizing NSERC-Ottawa and UBC faculty experts, an Internal Review process, brokering partnerships and one-on-one consultations with applicants.

5-year Trend NSERC SPG Competition Statistics:

UBC	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Total Applications	35	36	65	49	29
Total Awarded	17	13	14	6	12
Success Rate (%)	49%	36%	22%	12%	41%
National Success Rate	37%	26%	22%	17%	26%
Total Funding (\$M)	7.884	5.051	7.026	2.937	5.287
Market Share (%)	TBD	9%	13%	9%	15%

Description (definition)

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; however, the average grant for the 2012-2013 competition was \$153,600/year for 3 years.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office
Data collection will be from: David Woods, Research Partnership Officer - NSERC, SPARC
Date: Annual SPG competition in April, results provided February of following year.



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Explanation of Results (this section to be included in the annual report) - See Above

Recommended Action (identify any actions to be taken if results vary from what was expected)

The 2012-2013 NSERC SPG competition was extremely successful for UBC relative to the SPG national success rate and total funding. These excellent SPG results coincided with the introduction of new services from the UBC SPARC Office to support this important NSERC research partnership program. SPARC will continue to provide innovative and significant support for NSERC SPG applicants at UBC through workshops, Internal Review, one-on-one feedback, and by reviewing previous competitions to understand application weaknesses. By building on our SPG expertise and maintaining our strong support of this program at SPARC, we will continue to contribute to UBC's impressive SPG success rates and funding levels.

SSHRC PARTNERSHIP DEVELOPMENT GRANT (PDG)

Benchmark (comparable metrics with selected sister universities)

SSHRC has announced the number of awards and amount of funding awarded to each university for the first funding for the PDG program, 2011-2012. Some details about the PDG 2012-2013 competition are not yet available.

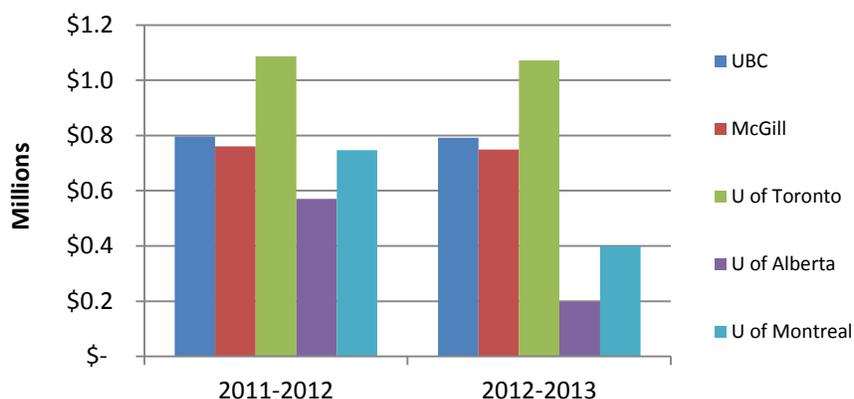
SSHRC Partnership Development Grant Competition Statistics

Institutions	2011-2012						2012-2013					
	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	11	4	37%	0.796	6%	6	13	4	31%	0.792	7%	2
McGill	10	4	40%	0.761	6%	7	TBA	4	TBA	0.749	7%	3
U of Toronto	14	6	43%	1.087	8%	1	TBA	6	TBA	1.072	10%	1
U of Alberta	6	3	50%	0.570	4%	10	TBA	1	TBA	0.197	2%	26
U of Montreal	4	4	100%	0.747	5%	8	TBA	2	TBA	0.399	4%	8
TOTAL - National	153	72	47%	13.739	100%	/	157	58	37%	10.968	100%	/

*National Ranking 2012-2013 (\$M): 1. Toronto (1.072), 2. UBC (0.792), 3. McGill (0.749).

*National Ranking 2011-2012 (\$M): 1. York (1.198), 2. Toronto (1.087), 3. Carleton (0.991).

2-Year Trend of SSHRC Partnership Development Grant Funding for 5 major Canadian Universities





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

Description (definition)

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: Sandra Ignagni, Research Partnership Officer - Social Sciences and Humanities, SPARC

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

Explanation of Results (this section to be included in the annual report): See above.

Recommended Action (identify any actions to be taken if results vary from what was expected)

UBC's success in the SSHRC PDG competition has been consistent, with four successful applications in both the 2011-2012 and 2012-2013 competitions. In the 2012-2013 competition, UBC ranked 2nd nationally, an improvement over its 6th place ranking in 2011-2012. SPARC has recently recruited a highly skilled individual with a Social Science background (Dr. Sandra Ignagni) who is working with UBC faculty to develop strong partnership-based applications to SSHRC.



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

SSHRC PARTNERSHIP GRANT (PG)

Benchmark (comparable metrics from selected universities)

Full competition results for the 2012-2013 competition are not yet available.

For the 2011-2012 and 2012-2013 competitions, awards were distributed as follows:

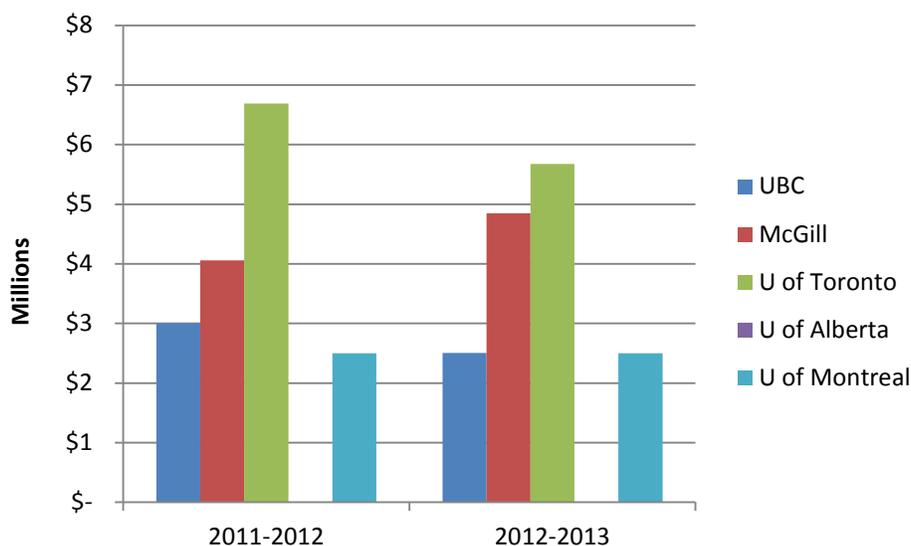
SSHRC Partnership Grant Competition Statistics

Institutions	2011-2012					2012-2013				
	Total Applied	Total Funded	Success Rate (%)	Funding (\$M)	Market Share (%)	Total Applied	Total Funded	Success Rate (%)	Funding (\$M)	Market Share (%)
UBC	2	1	50%	2.999	5%	1	1	100%	2.503	5%
McGill	2	2	100%	4.060	7%	TBA	2	TBA	4.850	9%
U of Toronto	3	3	100%	6.691	11%	TBA	2	TBA	5.678	11%
U of Alberta	0	0	0	0	0	TBA	0	TBA	0	0%
U of Montreal	1	1	100%	2.500	4%	TBA	1	TBA	2.500	5%
TOTAL-National*	34	25	73.5%	58.982	100%	30	20	67%	51.900	100%

*2012-2013 National Ranking (\$M): 1. York (8.045), 2. Toronto (5.678), 3. Simon Fraser University (4.989).

*2011-2012 National Ranking (\$M): 1. Toronto (6.691), 2. Memorial (4.998), 3. Saskatchewan (4.442).

2-Year Trend of SSHRC Partnership Grant Funding for 5 major Canadian Universities



Description (definition)

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 PG provides support up to \$2,500,000 for the duration of 4-7 years.



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

Data collection will be from: Sandra Ignagni, Research Partnership Officer, Social Sciences and Humanities, SPARC

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 (this section to be included in the annual report): See Above

Recommended Action (identify any actions to be taken if results vary from what was expected)

This is a new program and we are working to understand what constitutes a good proposal. Strong institutional support is essential for success in this competition. In January 2013, SPARC recruited a highly skilled and successful individual with a Social Science background (Dr. Sandra Ignagni) who is working with UBC faculty to develop strong partnership-based applications to SSHRC. In the most recent LOI competition (2013-2014), two UBC research teams were invited to submit a full proposal.