



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.

Metric Summary	Okanagan & Vancouver			
	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 4: Scholarships – select federal programs

Total number of select prestigious federal scholarships awarded at UBC.

- A) Banting Fellowships and Success Rates (2013-14 data not finalized until October 2014)
- B) Vanier Scholarships and Success Rates
- C) Canada Graduate Scholarships and Success Rates

These select programs are intended to measure the degree to which UBC attracts and retains High Quality Personnel/Talent. The metrics were selected to provide additional evidence to existing research funding, publication and prize and award metrics, for a more complete set of indicators of quality and impact. The scholarships selected represent the most prestigious national awards received on a cyclical basis. Graduate and Postdoctoral Studies (GPS) - (CGS, Michael Smith, Vanier, Banting).

Banting: # of awards and success rates as per publicly released data by Banting program.

Vanier and CGS: Combination of GPS' own awards records (Paid to UBC students) and Tri-Agency records from their respective websites (Total Offered).

These numbers – excepting the Banting scholarships data finalized in September-October each year - are normally available for collation in mid-May of each year. They are reported by May 30th. Banting scholarships are not announced until August of each year, and may also change post-announcement.

RESEARCH EXCELLENCE - A) # Banting postdoctoral fellowships and success rates*

	2010-2011 UBC - V + O					2011-2012 UBC - V + O					2012-2013 UBC - V + O				
	# UBC Applicants	# UBC Nominees	# UBC Awards	UBC Success Rates	National Success Rates	# UBC Applicants	# UBC Nominees	# UBC Awards	UBC Success Rates	National Success Rates	# UBC Applicants	# UBC Nominees	# UBC Awards	UBC Success Rates	National Success Rates
CIHR	23	23	1	4%	9%	19	9	2	22%	12%	22	6	3	50%	14%
NSERC	17	17	1	6%	8%	28	13	1	8%	12%	23	6	2	33%	13%
SSHRC	8	8	1	13%	21%	13	7	4	57%	25%	12	6	2	33%	24%
Total	48	48	3	6%	11%	60	29	7	24%	15%	57	18	7	39%	16%

Source: "SPARC/Banting Fellowship Program/Statistics/Competition & Institution Statistics - 2010 onward" spreadsheet.

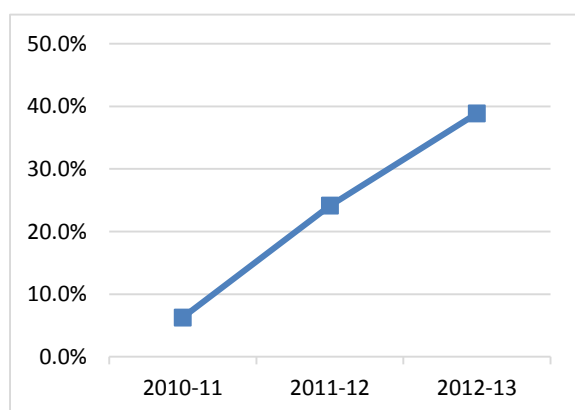
Note: 2013-14 data not finalized until October 2014.

Benchmark (comparable metrics from sister universities)

Selected 5 Institutions	2010-2011 UBC - V + O					2011-2012 UBC - V + O					2012-2013 UBC - V + O				
	# CIHR Awards	# NSERC Awards	# SSHRC Awards	Total # Awards	% National Market Share	# CIHR Awards	# NSERC Awards	# SSHRC Awards	Total # Awards	% National Market Share	# CIHR Awards	# NSERC Awards	# SSHRC Awards	Total # Awards	% National Market Share
UBC	1	1	1	3	4%	2	1	4	7	9%	3	2	2	7	10%
U Toronto	3	4	1	8	12%	2	4	1	7	9%	6	3	3	12	17%
McGill	3	2	4	9	13%	0	3	1	4	5%	0	2	2	4	6%
U Montreal	2	0	3	5	7%	2	0	2	4	5%	0	0	3	3	4%
U Alberta	1	0	2	3	4%	2	2	0	4	5%	1	0	0	1	1%
Total	23	21	25	69	100%	24	26	24	74	100%	23	23	24	70	100%

Note: Institutional success rates are not available because # of institutional submissions is unknown.

Source: "SPARC/Banting Fellowship Program/Statistics/Competition & Institution Statistics - 2010 onward" spreadsheet.



3-Year Trend UBC Banting Success Rate

Note: Success rates are contingent on different members of UBC Nominees being submitted each year of the competition (see above Table)

Source: "SPARC/Banting Fellowship Program/Statistics/Competition & Institution Statistics - 2010 onward" spreadsheet

Description

The Banting Postdoctoral Fellowship Program was launched in 2010 as a strategic federal tool to help Canada build world-class research capacity by recruiting top-tier postdoctoral trainees at an internationally competitive level of funding. Seventy awards, shared between the Tri-Councils, are granted annually with each award valued at \$70,000 per year for 2 years.

For the past three years, the new competition has been launched in early to mid-August with a November 1st full application deadline. Once again this year, informal results were released to the institutions at the beginning of April and the national results were formally announced in August. Success rates are not finalized until October of each year.

Person with lead responsibility for this metric: Helen Burt, Associate VP Research, VPRI Office
Data collection will be from: Postdoctoral Fellows Office (PDFO), beginning in 2013/14; in the previous year, Christy McTait, Internal Review Officer - CIHR, SPARC
Date: Unofficial results available at the beginning of April with the **official competition announcement in mid-August** every year to-date. Note, competition updates may occur post-announcement.

Explanation of Results

For the inaugural 2010-11 Banting competition, UBC did not have an internal selection process in place. UBC received three awards (one per Tri-Council) and a success rate of 6.3%. McGill and University of Toronto received approximately three times as many awards as UBC.

SPARC managed UBC's 2012-13 Banting competition, including recommending a reduction in the nomination quota of 6 applications per Tri-Council, up to a maximum of 18. SPARC supported development of all 4 institutional documents. UBC was awarded 7 Banting Fellowships in the last competition (3 CIHR; 2 NSERC; 2 SSHRC) resulting in a 39% success rate.

Recommended Action

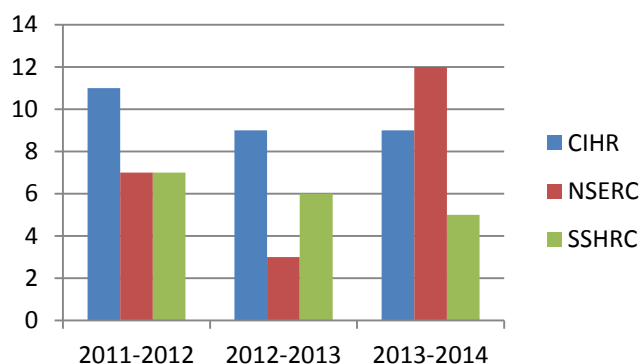
Continue to utilize an internal selection process and maintain the current nomination quota.

RESEARCH EXCELLENCE - B) # Vanier scholarships and success rates

UBC- Vancouver + Okanagan																
	2010-2011				2011-2012				2012-2013				2013-2014			
	# UBC Applicants	# UBC Nominees	Paid to UBC students/ Total offered in Canada	UBC Share	# UBC Applicants	# UBC Nominees	Paid to UBC students/ Total offered in Canada	UBC Share	# UBC Applicants	# UBC Nominees	Paid to UBC students/ Total offered in Canada	UBC Share	# UBC Applicants	# UBC Nominees	Paid to UBC students/ Total offered in Canada	UBC Share
CIHR	43	15	9	N/A	42	20	11	N/A	62	26	9	N/A	49	21	9	N/A
NSERC	66	14	6		63	16	7		56	16	3		64	17	12	
SSHRC	44	17	9		46	17	7		59	17	6		45	15	5	
Total	153	46	24 / 174	14%	151	53	25 / 167	15%	177	59	18 / 156	12%	158	53	26 / 165	16%

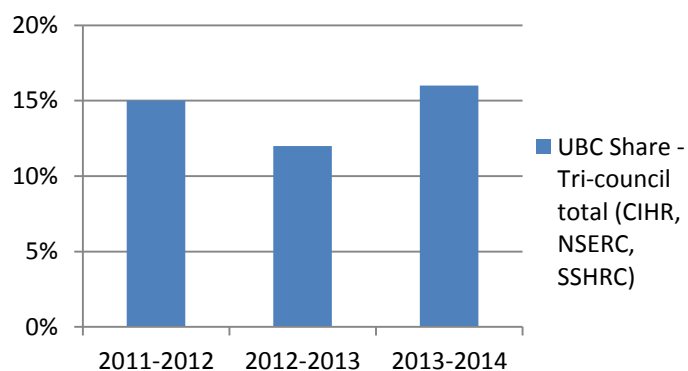
Note: All numbers and percentages are rounded to the nearest whole number. Vanier scholarships and success rates includes 13/14 data but it is the only one, so we use 12/13 numbers for compilation of total scholarships trend charts below.

3-Year Trend of number of UBC Awarded Vanier Scholarships



Source: FoGS (now Graduate and Postdoctoral Studies)

3-Year Trend of UBC Share for Vanier Scholarships



Source: FoGS (now Graduate and Postdoctoral Studies)

Benchmark: None available.

Description

- The Vanier Scholarships represent top ranked Doctoral students and are also open to international students.
- Internal review process selects top candidates from the total applicants' pool and forwards to Ottawa.
- The 'National success rates' column (included in past years' metrics) has been removed. This is because only the 3-year quota amount given to other universities have been revealed, with a set anticipated number of awards of 55 per agency, totaling a maximum of 165. The actual number of nominees submitted by others universities across 3 years are not being revealed externally.
- Similar to the calculation of # Canada Graduate Scholarships metrics, the calculation for UBC Shares has been revised, and will no longer be based on # UBC Nominees. It will now be calculated by dividing the total number of awards paid to UBC students over the total number of Vanier scholarships offered by the Tri-Council in Canada. In regards to calculating the UBC Share of Vanier Scholarships given by each funding agency, as the Vanier agency does not publish these detailed numbers, the detailed % will not be available, but only the total share %.

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

Data collection will be from: Brendan Morey, Graduate Awards Manager, Graduate and Postdoctoral Studies

Date: Results are usually collected and compiled in April of every year.

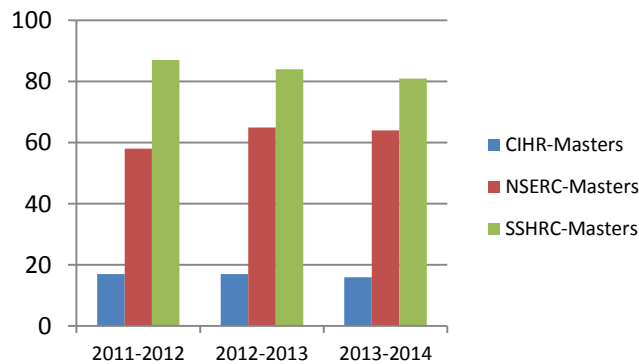
RESEARCH EXCELLENCE - C) # Canada Graduate Scholarships

	UBC - Vancouver + Okanagan									
	2011-2012			2012-2013			2013-2014			
	Paid to UBC students	Total Offered	UBC Share	Paid to UBC students	Total Offered	UBC Share	Paid to UBC-V students	Paid to UBC-O students	Total Offered	UBC Share
Masters:										
CIHR CGSM	17	170	10%	17	204	8%	16	0	163**	9.82%
NSERC CGSM	58	774	7%	65	790	8%	64	4	838	8.11%
SSHRC CGSM	87	1300	7%	84	1300	6%	81	7	1300	6.77%
Total	162	2244	7%	166	2294	7%	161	11	2301	7.48%
Doctoral:										
CIHR CGSD	24	192	13%	29	197	15%	28	1	182	15.93%
NSERC CGSD	47	291	16%	38	233	16%	32	4	264	13.64%
SSHRC CGSD*	37*	561*	7%*	23	430	5%	24	2	430	6.05%
Total	108	1044	10%	90	860	10%	84	7	876	10.39%

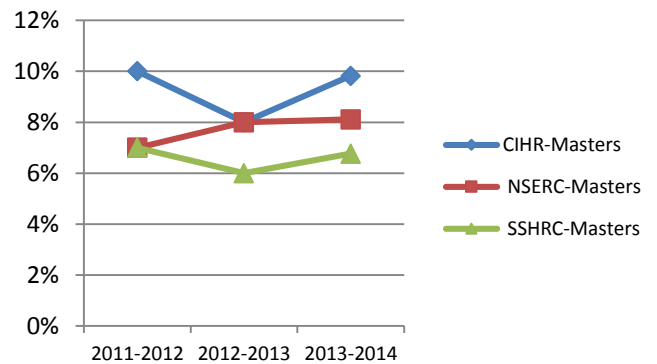
*SSHRC has changed the way the present competition results on their website. Hence, the number of Doctoral Fellowships can now be separated from the total number of CGSD awards for calculation. Relevant data and graphs from previous years, as indicated by *, have been updated accordingly (e.g. 2011/12, 2012/13).

**For the CIHR CGSM, total offered includes all priority announcements.

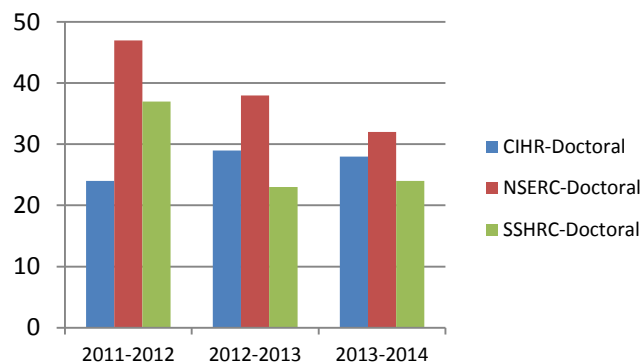
3-Year Trend of number of UBC Awarded CGS Masters Scholarships



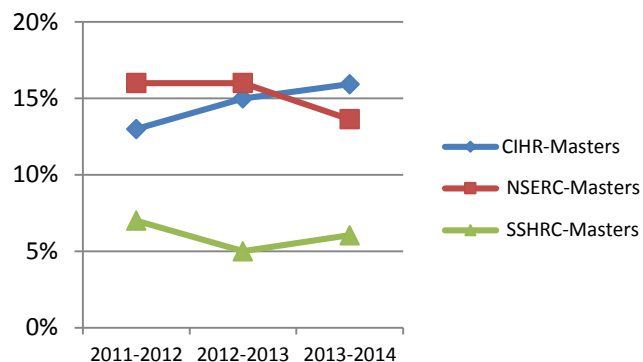
3-Year Trend of UBC Market Share of Total CGS Masters Scholarships Nationally Awarded



3-Year Trend of number of UBC Awarded CGS Doctoral Scholarships



3-Year Trend of UBC Market Share of Total CGS Doctoral Scholarships Nationally Awarded



Source: Faculty of Graduate Studies (now Graduate and Postdoctoral Studies)

Benchmark: None available.

Description

- Internal review process selects top candidates from the total applicants' pool and forwards to Ottawa.
- The data is a combination of GPS's own awards records (Paid to UBC students) and Tri-Agency records from their respective websites (Total Offered).
- The number of offers made from competition to competition can vary significantly (unlike in the Vanier competition, where the number of offers falls within a very narrow band of ~54-57 per agency per competition). Therefore, GPS tracks results by share of total awards offered, rather than success rate of applications forwarded to Ottawa.

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

Data collection will be from: Brendan Morey, Graduate Awards Manager; Marija Zimonja Awards Analyst, Office of the Dean, Graduate and Postdoctoral Studies.

Date: Results are usually collected in April of every year.