

**Faculty of Graduate Studies
Annual Report
2013**



**DALHOUSIE
UNIVERSITY**

Inspiring Minds

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Dean's Report

The Faculty of Graduate Studies (FGS) is committed to providing the best possible service to graduate students, postdoctoral fellows, and graduate programs. Our focus for the coming year remains on improving graduate student funding, graduate recruitment, professional skills development, service delivery, quality assurance, and services for postdoctoral fellows. The following initiatives have been undertaken this past year:

- The situation for graduate student funding continues to be a serious challenge in Nova Scotia. FGS will continue to work with funding agencies, fundraisers, and the provincial government to keep the profile of graduate students and post-docs in sight. The good news is that three new scholarships have been established, thanks to contributions from Oz Optics, Glendon McCormick and CIBC. In addition, discussions continue with the provincial government on direct fellowship support for graduate students.
- The three federal granting agencies (Tri-Council) propose to fully harmonize the delivery model for the Canada Graduate Scholarships–Master’s and Doctoral support programs and to devolve the administration for the Canada Graduate Scholarships-Master’s program entirely to the Universities. FGS is actively engaged in the consultation process.
- The NSHRF Scotia Scholars Awards program has been finalized; FGS had a major contribution into the design of this program.
- The Killam Predoctoral Scholarships two-round offer system was introduced. The objectives were twofold: to avoid the perception that the Killam pre-doctoral scholarships (and especially ‘Honorary Killams’) are something of an afterthought to Tri-Council awards (though the Killam awards are adjudicated earlier); to help academic units streamline their offers from FGS allocations by releasing the first-round of Killam offers early and making the wait-list for second round offers available. The first round of offers is now made to top candidates immediately following the meetings of the selection committees; a wait-list is sent to Graduate Coordinators for information. A second round of offers is made to applicants after the Tri-Council results are released.
- The FGS recruitment team, headed by Wendy Fletcher, continues to develop a recruiting platform and materials for the national market and for the increasingly active international markets. The recruitment team has prepared material and videos, made presentations at a variety of recruitment events, and maintained a Facebook page for new graduate students. This team has expanded the student orientation session held in September. They have worked with the International Student Centre on an orientation specifically targeting international students. All incoming students receive a personal welcome email from the Dean, which includes important information and links to assist them with registration and plans for the term they are admitted.
- General graduate student work-space continues to be a challenge. Last year the large student workspace that was established on the third floor of the Mona Campbell Building was taken back for classroom space. We continue to have two small rooms that will accommodate about eight students in total. We have also been provided with a small social space on the same floor. Most of the PhD student shared offices on the 4th floor of the Goldberg Computer Science Building has been returned to the Faculty of Computer Science. We have been able to retain two offices there that are currently assigned to four PhD students that are within two to four terms of completing their degree.
- The PhD Defence Room (Coburg Board Room) is being heavily utilized for PhD defences. The feedback for this room continues to be generally very positive, with defence bookings being the priority for the use of this room. Bookings by other units have increased over the past year with

several master's defences, senior administrative meetings, and larger staff meetings being booked when the room is available. Booking by other units continue to be limited to booking no more than three weeks before the requested date on order to accommodate the PhD defence bookings.

- We now offer a template file for use by students who wish to format their theses using the LaTeX typesetting language. Although not officially supported by the Faculty of Graduate Studies, Vlado Keselj (FCS) has generously offered to host and maintain this file, which is linked from our website.
- The Graduate Student Information System Phase III to digitize annual student-progress reports and program requirement lists, in conjunction with a digital workflow management system, has been launched and after a few bugs were worked out the system is working very well.
- Associate Dean Pelzer, working with Senate, has developed a university process and timeline for concept papers, new program approvals, program modifications and reviews of graduate programs. All Faculties that don't already have in place joint departmental reviews, graduate programs will be reviewed jointly with Senate reviews.
- Policies and services for postdoctoral fellows on campus have been established and are on-line. With the option of benefits now being available to postdocs, FGS has noticed an increase in the amount of time spent on postdoc issues and files. The harmonization of PDF policies and benefits with the Faculty of Agriculture in Truro still provides challenges and is ongoing.
- FGS took its part in the establishment of the Canadian Association of Postdoctoral Administrators (CAPA). Members of this organization include senior academic administrators and staff responsible for postdoctoral issues at universities and research organizations across Canada. Aims of the organization are to share best practices and to promote the environment for successful postdoctoral scholarship and training.
- The recently established *Deans' Awards* aim to increase the successful recruitment of high quality graduate students into thesis-based programs at Dalhousie. Award monies are used by the line deans to: (1) provide top-ups for competitive applicants, or (2) provide additional fellowship support in the form of reductions to differential fees for high quality foreign applicants. The awards are funded jointly by the line Faculties (Science, Arts and Social Sciences, Engineering and Medicine) and by FGS. The line deans create a fund from non-FGS-allocation sources to support graduate student recruitment, as described above, and FGS provides partial matching to a pre-set maximum. FASS was unable to fully leverage its contributions this year and the Faculty of Computer Science was allowed to apply for the uncommitted portion.
- FGS staff organized two sessions in the Winter term for graduate coordinators and graduate secretaries in Architecture and Engineering for thesis formatting and e-thesis submission. In addition we held the regular information sessions for graduate coordinators and graduate secretaries. We also delivered a session called "Defending Your Dissertation".
- FGS staff organized the first Dalhousie 'Three Minute Thesis' competition. The competition was run over two day with the winners of the heats presenting at the finals. The competition was a great success and participation came from all faculties across campus. It is intended to run this event again next year with the possibility of sending our winner to a national competition.
- FGS and the Dalhousie Association of Graduate Students worked with MITACS Step to bring a second series of professional development workshops to the region. The workshops ran for four consecutive days and included sessions on presentation skills, networking, time management, foundations of project planning and a networking event. The workshops were open to PhD students from their third year up and postdoctoral fellows from the region. It is anticipated that Dalhousie will continue to run these events in the upcoming academic year.
- The FGS website has transitioned over to the new site.

- On a directive of Senate and the Provost, FGS membership categories and terms are being revised and clarified.
- Canadian and foreign universities have come to view education exchanges as a desirable part of higher education, both at the undergraduate and graduate levels. In graduate education, an increasingly common method to promote exchange is through jointly supervised and awarded degrees, e.g., the *cotutelle* (France), the *co-joint* (Australia, New Zealand), the 2+2 Degree, etc. FGS has developed a framework for the creation and administration of joint doctoral degrees between Dalhousie University and a partner university (foreign or domestic). This policy has been approved by Senate. Dalhousie has now signed its first Joint Doctoral Program (JDP) agreement with the Université Européenne de Bretagne (France).
- FGS has completed generic email addresses for all the positions in the faculty. This will ensure uninterrupted service where there are staff changes.

The body of the Annual Report includes summaries of enrolment, scholarship activities, convocation, new academic programs, program reviews, changes in FGS administration and regulations, the Interdisciplinary PhD program, academic integrity, and budget issues.

Over the past year there have once again been several changes in personnel and responsibilities within the FGS office. Katelynn Northam was extended for a further year as the Recruitment and Program Assistant but the position was split into two 50% positions. Katelynn has taken on the Recruitment Assistant portion while Jasmine Smart has the 50% Program Assistant piece. Stephanie Theriault has moved into a newly created Assistant to the Deans position, which had a knock-on effect where Alicia Kirk is the Senior Thesis Clerk, Chenxi Xu is the Graduate Student Services, Admissions and PDF Clerk and FGS is currently securing an Information Clerk for the front desk. We also have Kathryn White backfilling as the Graduate Secretary for the Interdisciplinary PhD program while Meghan Fish is on maternity leave until December 2013. Dr. William Barker has taken up the role as the Director of the Interdisciplinary PhD Program.

Finally, this report would not be complete without a grateful acknowledgement of all of the people who have contributed to FGS over the past year. The FGS office staff has once again worked tirelessly to provide service to all constituents as well as to engage in new initiatives, and their dedication is impressive and greatly appreciated. Our student assistants, Ella Muravyeva, Jaida Regan, Caroline Lavoie, Rahel Bruins and Kylie Peacock have been terrific all year and continue to contribute in a wide range of essential activities.

We also greatly appreciate the many staff and faculty members across campus who make graduate programs work day to day, including graduate coordinators, departmental administrators, members of Faculty Council and APCC, as well as members of the various committees and review and appeal panels over the year. Clearly, the objectives of FGS could not be met without their effort.

May 9, 2013

Bernard Boudreau, Dean
Faculty of Graduate Studies

This report covers the period of May 1, 2012 to April 30, 2013 and contains projections to August 2013 where numbers were available. The financial data covers the period September, 2011, to August, 2012.

1. Enrolment

Graduate students represent approximately 20% of the total Dalhousie student population which reflects the research intensive nature of Dalhousie. The December 1 “headcounts” since 2000, reported in the table below, show the changes in total enrolment over the last twelve years. Graduate enrolment has remained relatively steady over the last year. Overall enrollment is the highest it’s ever been and 2012 also saw a large increase in the number of international graduate students.

Graduate enrolments 2000-2012 (December 1 “headcounts”) ¹

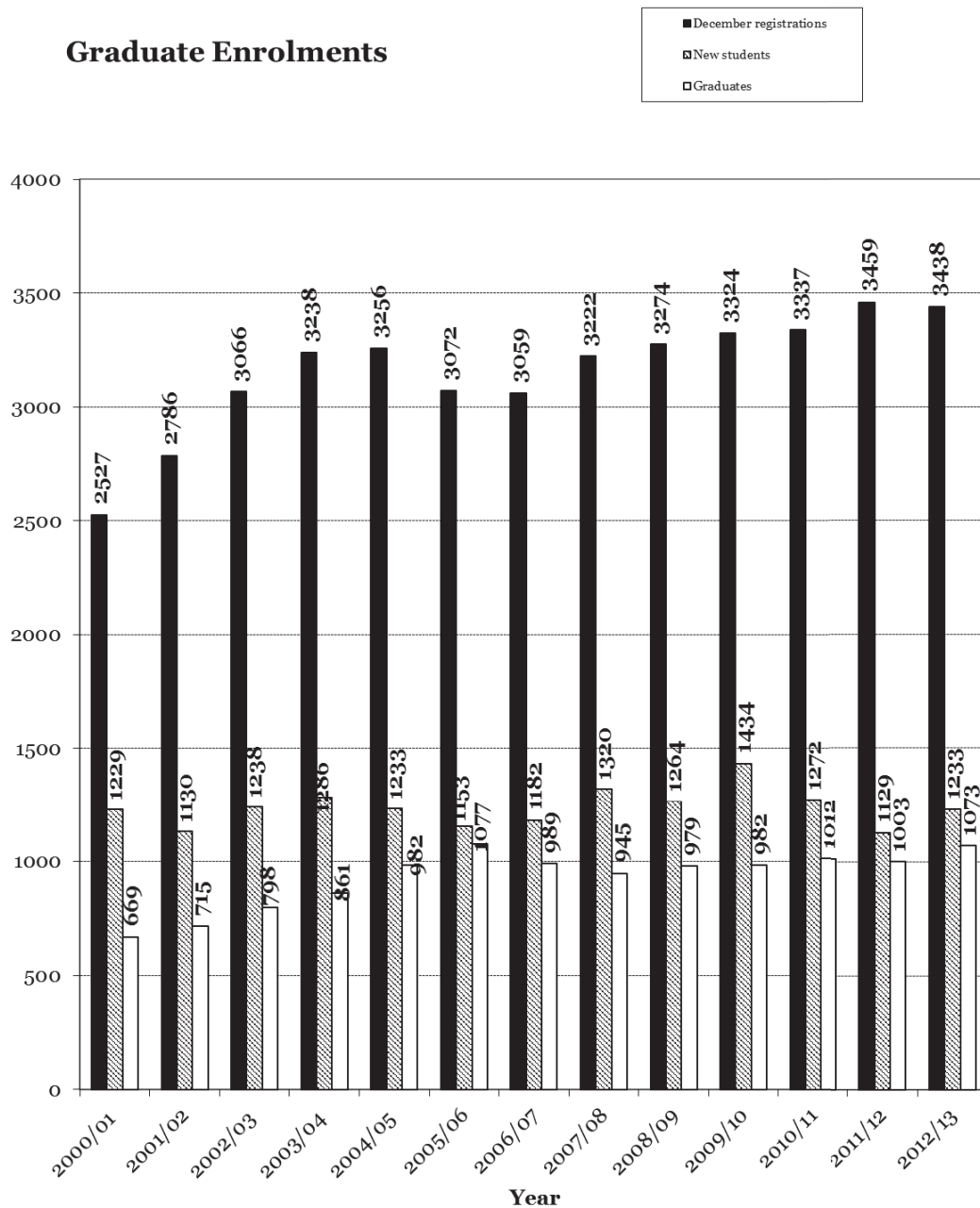
Year	Full time	Part time	Total	Increase	FTE	International
2000	1684	843	2527	6.1%	1965	333
2001	1853	933	2786	10.2%	2164	362
2002	2061	998	3059	9.8%	2394	442
2003	2288	954	3242	6.0%	2606	547
2004	2338	903	3241	0.0%	2639	540
2005	2228	844	3072	-5.2%	2509	475
2006	2267	792	3059	-0.4%	2531	412
2007	2396	826	3222	5.3%	2671	412
2008	2412	862	3274	1.6%	2699	441
2009	2469	855	3324	1.5%	2711.56 ²	537
2010	2611	726	3337	0.4%	2844.20 ²	592
2011	2612	722	3334	-0.1%	2844.38 ²	684
2012	2740	698	3438	3.2%	2962.07 ²	806

1. *Exclusive of medical post-graduate residents*

2. *FTE calculations are based on the MPHEC/Statistics Canada formula and do not include Journalism students at King’s College.*

These numbers do not reflect the details for individual faculties and programs. While the international graduate student enrolment increased again last year by nearly 17.8%, there can be little doubt that the international differential fees on top of tuition are an important factor in recruitment of these students.

Graduate Enrolments



* The 2009/10, to 2012/13 new student figures include newly registered summer term students.

For the 2012-2013 academic year, there were 1042 newly registered graduate students starting in the fall term, 171 who started in the winter term and another 20 who started in the summer term. 1067 students graduated in May and October 2012. To capture programs that have a summer start date, newly registered

graduate students have been included. However, with the student summer registration process still active, the summer term number will alter. This increase will be reflected in our report next year.

International Enrolments

International Graduate Students by Geographic Region as of March 1, 2013				
Geographic Region	Degree Programs	Visiting/Special*	Total	%
Africa	63	3	66	7.9%
Asia - Eastern	124	8	132	15.8%
Asia - South Central	401	4	405	48.3%
Asia - South Eastern	9	2	11	1.3%
Bermuda and Caribbean	8	1	9	1%
Central America	3		3	0.4%
Europe	38	15	53	6.3%
Middle East	104		104	12.4%
North America	28		28	3.3%
Not Reported	3		3	0.4%
South America	19	1	20	2.4%
South Pacific	4		4	0.5%
Total	804	34	838**	100%

Specific student numbers for Saudi Arabia (90), China (129), and India (291) are included in the above.

* 1) Visiting/Special includes non degree students, those attending Dalhousie under letter of permission or through an exchange program as well as qualifying year students

** This figure differs from the total number of International students listed in section 1 due to the reporting dates being different.

2. Funding and scholarship support

Funding for graduate students is derived from a wide variety of sources, including scholarships from university and endowment budgets, external national and provincial agencies, supervisor research grants, departmental funding, etc. In 2011-12, financial support from all sources, internal and external, to Dalhousie graduate students was just under 20 million dollars.

The organization of various external scholarship competitions, the allocation of internal scholarship funds, and the administration of monthly payments to graduate students on a term-by-term basis is one of the most important, and one of the most time-intensive responsibilities of FGS. Detailed reports from the FGS and Killam Scholarship Committees will follow in the Associate Deans' section of this annual report.

The FGS scholarship (departmental allocations) budget includes contributions from the university budget, the Killam Memorial Research and Scholarship endowment (different from the Killam Advanced Studies endowment that supports the Killam Scholarships), and auxiliary funds. The total of the FGS scholarship allocations to 56 graduate units or programs for 2013-14 is \$3,376,579.

The total FGS scholarship funds available vary slightly from year to year depending on the "auxiliary funding" available as a result of variations in actual spending vs. budget in previous years. This auxiliary

funding is added to the funding total and distributed proportionally after the second round allocation has been determined. In the appendix to the report of the Scholarship Committee, we present the allocations by unit for 2013-14 as well as the trend in FGS scholarship allocations in recent years.

Funding sources for Dalhousie graduate students, 2011-2012 ¹

Funding from Dalhousie University Sources

FGS Scholarships	\$3,110,520
<i>Includes: Dr. P. Anthony Johnstone Memorial Bursary, Eliza Ritchie Scholarship, FGS Departmental Allocation, James Robinson Johnston, NS Black & 1st Nation, Phi Kappa Pi Joe Ghiz Memorial Award, Sushi Nami Royale Scholarship, The Mowat Prize, OZ Optics</i>	
Bursaries	\$49,827
Departmental Funding	\$910,490
Killam Scholarships	\$546,330
President's Awards	\$443,946
Other Internal:	\$101,627
<i>Includes: Alumni Excel Prize in S-L Path, Bruce & Dorothy Rosetti & Reid Scholarship, Centre for Foreign Policy Studies, Douglas M Johnston Scholarship, Dr M E Goudge Scholarship in Psychology, Dr. RM MacDonald Scholarship, Duffy Award, John & Lina Graham Commonwealth Fund, Lett Fund Bursary, Math Circles Funding</i>	

Total internal sources: \$5,162,740

Funding from sources external to Dalhousie University

SSHRC (includes Vanier)	\$1,291,445
NSERC (includes Vanier)	\$2,770,672
Faculty Research Grants	\$9,474,475
CIHR (includes Vanier)	\$391,167
NSHRF	\$71,067
Sumner	\$18,000
Other External:	\$698,116
<i>Includes: Aboriginal Health Res Scholarship, ACENet Fellowship, Alexandra Hirth Award, Alzheimer's Society, Atlantic Planners Institute Scholarship, Autism Research Training Program, CIHR PHARE, CIHR Training Grant, Conacyt, CRTP Award, DMRF Evans Scholarship, Electa MacLennan Memorial Scholarship, External Scholarship, George Lowen Scholarship, Godsoe Scholarship & Ward Scholarship, Heart & Stroke Foundation, Hebb Prize, Howard Murray Endowment Fund, International Performance Geological Assessment Centre, IWK Grad Studentship, Lew King Scholarship, Malcolm Ross Graduate Scholarship, Margaret Inglis Hagerman Graduate Scholarship, Multiple Sclerosis Society Fsp, NRC-AIF, NS Planning Directors Award & Rosetti Scholarship, Quebec Scholarship, Robert L. Comeau Scholarship, Saudi Arabia, Stanfield Scholarship, Wenner Gren Foundation Award, William Leiper Memorial Scholarship</i>	

Total external sources \$14,714,942

Total all sources \$19,877,682

1. Figures as of August 31, 2012. These figures include funding that is awarded for the full academic year (Sept 2011 – Aug 2012).

SCHOLARSHIP	VALUE OF AWARD	DURATION OF AWARD
Izaak Walton Killam Predoctoral Scholarship	Level 1 = \$20,000 / yr Level 2 = \$25,000 / yr	2 Years 2 – 4 Years
Mackenzie King Scholarship	Travel = \$11,000 Open = \$10,000	1 Year 1 Year
Eliza Ritchie Doctoral Scholarship for Women	\$24,000 / yr	Maximum 3 years
James Robinson Johnston Scholarship for African Canadians	Master's = \$15,000 / yr Doctoral = \$19,000 / yr	Maximum 2 years Maximum 3 year
Nova Scotia Black and First Nations Graduate Entrance Scholarship	\$15,000 / yr	Maximum 2 years
Phi Kappa Pi Joe Ghiz Memorial Award	\$750 Prize	One-time payment
The Sushi Nami Royale Graduate Scholarship	\$1,000 Prize	One-time payment
A. S. Mowat Prize	\$1,500 Prize	One-time payment
The Vitamin Scholarship	Master's = \$19,000 / yr Doctoral = \$21,000 / yr	Maximum 2 years Maximum 2 years
Walter C. Sumner Memorial Fellowships for Doctoral Studies in Chemistry, Physics, Electrical Engineering or Computer Science	\$6,000 / yr	Maximum 2 years
Social Sciences and Humanities Research Council (SSHRC)	CGS-M \$17,500 / yr	1 year
	SSHRC Doctoral Fellowship \$20,000/yr CGS-D \$35,000/yr	1, 2, 3 or 4 years 3 years
Natural Science and Engineering Research Council (NSERC)	PGS-M \$17,300 / yr	1 year
	PGS-M (Julie Payette) \$25,000 / yr	1 year
	CGS-M \$17,500 / yr	1 year
	PGS-D \$21,000 / yr CGS-D \$35,000 / yr	2 or 3 years 2 or 3 years
Canadian Institute of Health Research (CIHR)	CGS-M \$17,500 / yr	1 year
	CGS-D \$35,000 / yr (\$30,000 stipend, \$5,000 research)	Maximum 3 years
Vanier Canada Graduate Scholarship	\$50,000 / yr	Maximum 3 years
Trudeau Foundation Doctoral Scholarship	\$40,000 / yr stipend \$20,000 / yr travel allowance	3 years (may apply for a thesis writing scholarship or a postdoctoral scholarship, for a fourth year of financing)
Canada Graduate Scholarship – Michael Smith Foreign Study Supplement	Up to \$6,000	3 to 6 months
Killam Postdoctoral Fellowships	\$44,000/yr (plus benefits, relocation costs, \$3,000 Research grant, \$1,000 conference travel grant)	Maximum 2 years
Banting Postdoctoral Fellowships	\$70,000 / yr	2 years
President's Award	Tuition	First 2 years of PhD
Oz Optics	\$10,000	1 year

The award statistics for scholarships, from the three granting councils to Dalhousie students for 2009, 2010, 2011 and 2012, 2013 are presented in the next table.

National Granting Council Scholarships Awarded, 2009-2013

		2009 ¹	2010 ⁴	2011	2012	2013
NSERC	Master's Nominations (CGS-M, PGS-M)	42	51	44	41	41
	Master's Awards CGS-M	34	36	23	16	19
	PGS-M	4*	2	3 **	3	2
	Doctoral Nominations (CGS-D, PGS-D)	47	45	41	47	44
	Doctoral Awards CGS-D	14	2	4	5	9
	PGS-D	20	26	15	14	10
	Vanier Nominations ³	3	1	2	4	2
	Vanier Awards	1	1	1	0	1
	NSERC New awards to Dalhousie	73	67	46	38	41
	NSERC Total new awards held	72	62	57	55	?
SSHRC	Master's Nominations (CGS-M)	19	19	18	18	13
	Master's Nominations (Business Related) ²	2	3	N/A	N/A	N/A
	Master's Awards CGS-M	21	22	18	18	?
	Doctoral Nominations	27	29	25	22	21
	Doctoral Nominations (Business Related) ²	3	0	N/A	N/A	N/A
	Doctoral Awards CGS-D	10	5	6	8	6
	SSHRC-D	6	0	3	4	2
	Vanier Nominations ³	2	2	1	1	1
	Vanier Awards	0	2	0	1	1
	SSHRC New awards to Dalhousie	37	29	27	24	?
	SSHRC Total new awards held	44	33	31	36	?

		2009 ¹	2010 ⁴	2011	2012	2013
CIHR	Master's Nominations	12	12	5	7	7
	Master's Awards CGS-M	12	12	4	5	?
	Doctoral applications (direct to CIHR)		25	23	12	21
	Doctoral Awards CGS-D	4	7	6	1	3
	Doctoral	0	1	0	0	2
	Vanier Nominations ³		1	3	1	1
	Vanier Awards		1	1	0	1
	CIHR New awards to Dalhousie	16	20	11	12	?
	CIHR Total new awards held	17	23	16	12	?
Total Tri-Council new awards		126	116	104	103	?

		2009	2010	2011	2012	2013
Trudeau	Nominations	2	2	3	2	3
	Awards	0	0	1	1	1

1. Figures reported for 2009 “new awards” are the nominations put forward through Dalhousie and awards resulting from those nominations in the 2009-10 competitions. Award results for these competitions were announced March –June 2009.

For 2009 “total new awards held” is the total of all new awards starting at Dalhousie in May 09, Sept. 09 and Jan. 2010 (this could be students who won awards through Dalhousie or students bringing awards won through other universities).

2. SSHRC held a new Business related competition for the first time in 2009 and competition was discontinued after 2010.

3. The Vanier competition was held for the first time in 2009.

* The 4 PGS-M awards are all Julie Payette awards (only 24 Julie Payette awards are given nationally)

** 2 of the 3 PGS-M awards are Julie Payette awards (only 24 Julie Payette awards are given nationally)

4. Figures reported for 2010 “new awards” are the nominations put forward through Dalhousie and awards resulting from those nominations in the 2010-11 competitions. Award results for these competitions were announced March –June 2010.

For 2010 “total new awards held” is the total of all new awards starting at Dalhousie in May 2010, Sept. 2010 and Jan. 2011 (this could be students who won awards through Dalhousie or students bringing awards won through other universities).

? Figures not known at the time of this report (SSHRC Master's and CIHR).

FGS has the important responsibility of informing students, departments and faculty members of the wide variety of rules, regulations, deadlines, etc. for each competition, of organizing the needed competitions, and of preparing nomination files for submission to the granting councils. Numerous new regulations — such as the time restrictions for holding CGS-M awards and the possibility of starting the awards in any term, the global payment system administered by FGS and its associated audit requirements, etc.— place an additional level of complexity on the administration of the granting council scholarships.

3. Interdisciplinary PhD Program

The Interdisciplinary PhD Program is the only graduate unit housed within FGS. Dr. William Barker serves as Director of the program, working with the Interim Graduate Secretary, Kathryn White. The program's Admissions Committee considers applications for study, while the Program Advisory Committee advises on strategic and administrative matters for the program. The program has grown substantially in recent years, indicating both a strong demand for a program that would allow its students to do research on complex problems that cannot be solved within a single discipline, and strong interest by faculty members in interdisciplinary collaborative work. This year we are now seeing a decrease in the number of registered students as many students have graduated in the past couple of years. The uniqueness and strength of the program derives from its careful selection of well-qualified students for admission, its stringent requirements for interdisciplinary supervision and coursework, and demonstrated integration of disciplines in comprehensive examinations and thesis work. 58 students are currently enrolled in the program: 46 of those students hold scholarships, grants and bursaries from various funding agencies, including an increasing number of the national Tri-Council Agencies.

4. FGS administration and regulations

University, faculty, and departmental regulations relating to graduate students are summarized in the Graduate Calendar. In addition, the FGS web site presents all regulations and procedures in an easily-accessible format. As a result, the FGS web site (<http://dalgrad.dal.ca>) has easily become our most important means of communication and method of transmitting new information. It is the major resource for information, forms, and regulations concerning virtually all facets of graduate studies. Most forms are placed on the web, allowing for electronic completion and submission, and since May 2009, graduate applicants have had the option of having their academic references submitted electronically. The FGS web site is updated weekly and includes an RSS newsfeed. The site also maintains links to all units and programs as well as to many other sites. Our ability to send e-mail messages to all graduate students or selected groups has also proven extremely useful, because the e-mail list is updated centrally and is therefore current at the time of the mailing.

5. Killam programs

Dalhousie's Killam endowments have been an important and pivotal factor in the development of our graduate studies programs over the last four decades. FGS has responsibility for the Killam Advanced Studies fund, which supports predoctoral scholarships and postdoctoral fellowships, and the part of the Killam Memorial Research and Scholarship fund allocated to support graduate scholarships. These endowments allow us to attract outstanding Canadian and international students to our graduate programs. The results of the 2011 and 2012 Killam scholarship competitions, which were once again particularly intense, are reported in detail separately later in this report. FGS is also responsible for the coordination of the Dorothy J. Killam Lecture Series funded from the Killam Residue Fund.

FGS, on behalf of the university, reports on all activities supported by the Killam endowments by means of an annual report to the Killam national conference normally held in conjunction with the CAGS annual conference in the fall. These reports are available on the FGS web site (<http://killamtrusts.dal.ca/news/reports/>).

In February 2012, the Killam Scholarship Committee received 72 nominations for new awards and awarded 26 new and 34 renewal scholarships.

For the 2013 competition, the Killam Predoctoral Scholarships two-round offer system was introduced. The objectives were twofold: to avoid the perception that the Killam predoctoral scholarships (and especially ‘Honorary Killam’ are something of an afterthought to Tri-Council awards (through the Killam awards are adjudicated earlier), and to help academic units streamlining their offers from FGS allocations by releasing the first-round of Killam offers early and making the wait list for second round offers available. A first round of offers is now made to top candidates immediately following the meetings of the selections committees: a wait list is sent to Graduate Coordinators for information. A second round of offers is made to applicants after Tri-Council results are learned.

In February 2013, the Killam Scholarship Committee received 66 nominations for new awards and offered five Master’s, wait listed six Master’s and offered nine Doctoral and wait listed 12 Doctoral. 39 renewal scholarships were offered and accepted. A second round of offers to the wait list will be made once the Tri-Council results are announced.

In 2012, the budget allowed for three Killam Postdoctoral Fellowships. The Committee had an exceedingly difficult task selecting the winning candidates from among a very strong field of applicants representing widely different disciplines. Two of the initial three offers were declined, allowing offers to be made to two wait-listed candidates.

In the 2013 competition, the budget allowed for two Killam Postdoctoral Fellowships. Both offers were accepted. The Killam Postdoctoral Fellowship stipend amount is \$44,000 plus \$3,000 for research and \$1,000 for travel. Benefits and relocation allowances are also offered to the Killam Postdoctoral Fellows at Dalhousie University.

The Killam Lecture Series serves both the university and the community at large, and gives considerable visibility to Dalhousie’s academic and research programs. The theme for the 2012 Killam Lecture Series was ‘Novel Insights into the Future of Human Health’. This series was organized by the Faculty of Medicine, and was led by Dr. Gerald Johnston with Dr. Rob Brownstone, Dr. Chris McMaster and Ms. Terrilyn Chaisson assisting in the coordination. The theme for the 2013 Lecture Series will be ‘Epigenetics: The Integration of Genomic and Environmental Influences in Psychology, Neuroscience and Medicine’, organized by the Faculty of Science. This series is being led by Dr. Richard Brown with Leslie Philmore and Ian Weaver assisting with the coordination.

Like the previous year, FGS decided to hold a formal convocation-style presentation followed by a reception for the annual Killam event. This event was held in conjunction with the annual visit by the Killam Trustees on November 7, 2012, in the McInnis Room, Student Union Building. The evening was opened by President Traves, who welcomed our pre and postdoctoral Killam Scholars, Killam Professors and alumni and more than 100 guests. Following presentations by Managing Trustee George Cooper and recognition of Killam awardees, Dr. Doug Staple, one of our Killam postdoctoral fellows, gave a short talk describing his research in lay terms. Amongst numerous other special guests, Killam trustees John Montalbano and John Matthews attended the event. This was John Matthews’ last year as a Killam Trustee, and George Cooper and Bernard Boudreau thanked him for his decades of service to the Killam Trusts and Dalhousie University, respectively. John Matthews will be followed by Kevin Lynch as the new Killam Trustee,

The Killam Trust Committee assists in the coordination of the various activities supported by the Killam Trusts across the university. Its membership includes the Killam Trustees, university Vice-Presidents Academic, Finance and Administration, and Research, the Deans of Graduate Studies and Science, and a number of other university administrators. The committee meets twice a year to provide guidance and coordination for all Killam Trust activities at Dalhousie University related to the Killam bequests.

Financial matters, such as investment policy and spending rates of income from the Trusts, remain the responsibility of the Board of Governors and Investment Committee. The Killam Trust Committee advises on, and considers for approval, policies and practices related to the use of these funds to support the activities funded by the Killam bequests as brought before it by various Killam selection committees. The committee also supports policies to promote the Killam name within the university and in the community at large. Thus, the committee has an important role in any discussion of policy changes related to the administration of Killam programs, but its main function is to coordinate Killam-related activities and to improve the visibility of the Killam programs at Dalhousie across the university and the community at large.

6. Recruiting

Recruitment in FGS encompasses initial contact with prospective students, admissions, regular communication before and after arrival, formal on-campus orientation, as well as enrollment management events to enhance retention and student experience. Each year that FGS has been actively involved in recruitment there has been growth in all areas of recruitment.

FGS participated in the annual conference of the National Association of Graduate Admissions Professionals (NAGAP) Enrollment Management conference in Austin, Texas in April 2012. The focus of the pre-conference was on the utilization of social media. The focus of the conference itself was on early and ongoing orientation and enrollment management strategies to increase new admissions and student retention. Last year's conference has been followed up with professional development workshops sponsored by CAGAP, the Canadian branch of NAGAP.

FGS divided the full time Recruitment and Program Assistant position into two 50% positions: the Recruitment Assistant position, and the Program Assistant position. The Recruitment Assistant has been instrumental in coordinating a more extensive orientation program for incoming students. In addition, the Recruitment Assistant position has been the driving force behind two new enrollment management initiatives.

The 2012/13 Orientation program was expanded in summer 2012 to include a series of informative welcoming newsletters for incoming students as well as an active Facebook presence. The half day orientation on September 5th, 2012, was attended by approximately 450 students. The number of new admits for January is significantly lower than September, but we held a half day orientation for new students on January 7th, which was attended by approximately 125 students. Both the September and January Orientations were capped off with a BBQ hosted by the Dalhousie Association of Graduate Students as well as opportunities to take a campus tour.

Two new enrollment management events took place in 2012/13:

FGS co-hosted a World Café with the International Centre which was attended by approximately 120 international students, faculty and administrators, from every faculty on campus. The participants contributed to round table discussions on topics relevant to international graduate students acclimatizing to Dalhousie and Halifax. The session concluded with a list of inspiring comments and priorities for the university to implement in the coming year (or years).

FGS also hosted the inaugural Three Minute Thesis competition at Dalhousie on March 6th and 7th. Approximately 70 registered students from every faculty were challenged to present their thesis research in three minutes or less to a non-specialist audience. This initiative included collaboration with the university Student Career Services and Leadership Development office in presenting a two hour workshop

on presentation skills. Winners from each of the six heats were chosen by panels of judges made up of faculty, staff and administration from across the university. Seven finalists went on to the final event on the evening of March 7th for a chance to win the \$1000 first prize, the \$500 second prize, or the \$250 People's Choice Award. In the end, Jacob Cooney, an MSc student in the Clinician Scientist program won first place, and Babak Razaghi, an MSc student in the Department of Microbiology and Immunology won both second place and the People's Choice Award. Both students were also given the opportunity to present their topics at the TEDx Nova Scotia conference on March 10th. Throughout both days the event drew audiences of faculty, staff and students from across the university. Feedback has been overwhelmingly positive with many suggestions for expanding the competition within departments and even between universities.

FGS promotional material in 2012/13 has included revisions to the FGS programs and funding bookmarks, a new one-sheet informational brochure, and a cycle of new and existing print advertisements for *Dalhousie Magazine*, *The Coast* and *Metro*. We also purchased banner ads in the undergraduate handbook produced by the Dalhousie Student Union and ran Facebook ads advertising our programs over the summer. FGS launched our new faculty website in February, and is supporting a growing number of graduate department websites. The revised call back card from 2011/12 has resulted in more defined correspondence between FGS, departments and prospective students.

In 2012/13 FGS maintained a presence on Facebook which was used to send out information about campus events and to profile interesting news stories related to Dalhousie or to post-secondary education in general. FGS is working on enhancing its social media presence for the coming year and is presently researching how Twitter might be used to increase communication with current and prospective students.

During the fall FGS travelled to three graduate student recruitment events: one at Memorial University and two at McGill University. FGS also participated in Dalhousie's Open House in October, the Academic Program Fair in January, and the Networking and Career Fair in February.

The Consortium of Alberta, Laval, Dalhousie and Ottawa (CALDO) participated in an "Imagine Canada" event in Brasilia, Recife and Sao Paulo, Brazil in September, 2012. FGS represented Dalhousie at four prospective student fairs in Brazil and at information sessions at three universities: the University of Sao Paula, State University of Sao Paulo and University of Campinas. Currently Dal has five official CALDO PhD and four unofficial CALDO PhD applications.

The Chinese Scholarship Council (CSC) sponsored eight visiting graduate students (research) and one full doctoral student at Dalhousie in 2012/13. Dalhousie did not participate in the China PhD Fair in October 2012, however the university sent a delegation to China in March 2013 which included an FGS staff member. The focus of the delegation was on improving existing relationships, especially among undergraduate programs. However, the participation of an FGS staff member in this trip resulted in the promotion of grad programs and 29 inquiries from prospective graduate students.

Rather than travel to Riyadh, Saudi Arabia for the Higher Education Exhibition in April 2013, FGS contributed promotional material and key information pieces for two delegates representing the Faculty of Engineering and the College of Continuing Education (CCE). During 2012/13, FGS worked closely with the CCE to coordinate recruitment efforts for prospective graduate students whose first language is not English.

In sum, recruitment efforts in FGS during the 2012/13 year expanded to encompass enrollment management, and resulted in improved communication with prospective and admitted students. New initiatives like the World Café and 3MT complimented existing recruitment activities, and FGS intends to

continue to enhance and improve these recruitment initiatives for Dalhousie's new and existing graduate student population in 2013/14.

7. Students

The convocation lists for the May and October 2012 convocations included 969 master's degrees, 98 PhD degrees, and six diplomas awarded, for a total of 1073 graduates over both months. This is compared to a total of 798 in 2002, 861 in 2003, 982 in 2004, 1077 in 2005, 989 in 2006, 945 in 2007, 978 in 2008, 982 in 2009, 1012 in 2010, and 1003 in 2011.

Our Faculty recommends awards for a number of internal and external competitions, including the Governor General's Gold Medal Awards (2), the Dalhousie Doctoral Thesis Awards (2), the NSERC Doctoral Prizes (2 nominations to NSERC), the North Eastern Association of Graduate Schools (NAGS) master and doctoral thesis awards and graduate mentoring awards, and for the Canadian Association of Graduate Studies CAGS/UMI Distinguished Dissertation Awards (2 nominations). While each of the external awards has different eligibility criteria, recognition of our students' achievements through awards at the department or FGS and university levels adds to the strength of the file submitted for external nominations. In many cases, just the nomination by the department or by the university is very highly appreciated by the student and may serve as a significant addition to their CV. All such awards and nominations for external awards are selected from departmental nominations by the Prize Panel of the Faculty of Graduate Studies.

The Governor General's Gold Medals are awarded during the May convocation to "the most outstanding master's graduates (thesis or non-thesis)" in the May and previous October convocations combined. The 2012 Gold Medals were presented at the May 2012 convocation to Mark MacDonald, an MSc graduate of the Department of Chemistry, and to Emma Feltes, an MA graduate in the Department of Sociology and Social Anthropology. These exceptional students were selected from five departmental nomination files, representing a master's level graduating class of 969 students. The citations for Mr. MacDonald and Ms. Feltes in part read as follows.

Mark MacDonald

*The Governor General's Gold Medal in the Natural Sciences and Engineering for 2012 is awarded to Mark MacDonald. Mark MacDonald graduated with the degree Master of Science in Chemistry in the October 2011 convocation. The title of his Master's thesis is: "**X-ray Spectroscopic Studies of Gold-thiolate Nanoclusters.**"*

"In his Master's thesis, Mark MacDonald "explores how the structure and properties of gold nanocluster change depending upon their composition and environment: a question which is fundamental to the evolution of modern nanoscience and extremely difficult to answer effectively." Mark also has 3 publications that have received 21 citations over the past two years, and graduated with a GPA of 4.0."

Emma Feltes

*The Governor General's Gold Medal in the Humanities and Social Sciences for 2012 is awarded to Emma Feltes. Emma Feltes graduates with the degree Master of Arts in the May 2012 convocation. The title of her Master's thesis is: "**We will Help Each Other to be Great and***

Good”: The Memorial to Sir Wilfrid Laurier and Resolving Indigenous-State Relations in Canada.”

During her Master’s program, Emma Feltes “...has maintained a very strong GPA throughout her M.A. programme, while she also presented at a number of peer-reviewed conferences on her scholarly work, and assisted in a heavy load of demanding faculty research... Even more remarkable, she did this while sustaining action as a community-mobilizer both with Indigenous Peoples, and with Urban community-development issues at the same time as her studies were continuing.”

The winners of the 2013 Governor General’s Gold Medals will be announced at the May 9th, 2013 FGS Full Faculty meeting.

The Dalhousie University Doctoral Thesis Awards were established in 2004, and the first awards were presented at the May 2004 convocation. For 2012, the Faculty of Graduate Studies Doctoral Thesis Awards were presented to Dr. Sharon Batt of the Interdisciplinary PhD Program in the Humanities and Social Sciences category, and Dr. Aaron van Donkelaar of the Department of Physics and Atmospheric Science in the Natural and Medical Sciences and Engineering category. These awards are for excellence of the doctoral thesis only, largely based on the report on the thesis by the External Examiner, and the nomination and thesis abstract. The citations for these two scholars read in part as follows:

Sharon Batt

*The Dalhousie University Doctoral Thesis Award in the Humanities and Social Sciences for 2011 is awarded to Sharon Batt. Dr. Batt graduates with the degree Doctor of Philosophy, in Interdisciplinary Studies in the May 2012 convocation. The title of her Doctoral Thesis is: “**From Grass Roots to Pharma Partnerships: Breast Cancer Advocacy in Canada.**”*

In her Doctoral thesis, Dr. Batt “analyses the development of alliances between grass roots breast cancer groups in Canada and the pharmaceutical industry. She shows how the goals of industry have been advanced by these alliances, while at the same time grass roots critique has been silenced”.

Aaron van Donkelaar

*The Dalhousie University Doctoral Thesis Award for “the University’s most outstanding doctoral thesis” in the Natural and Medical Sciences and Engineering for 2012 is awarded to Aaron van Donkelaar. Dr. van Donkelaar graduated with the degree Doctor of Philosophy in Physics and Atmospheric Sciences in the October 2011 convocation. The title of his thesis is: “**Aerosol Observations from Space, Aircraft and Surface Analyzed with a Global Model.**”*

In his Doctoral thesis, Dr. van Donkelaar “quantitatively interprets satellite and in situ observations with a numerical model to improve understanding of global air quality. He made major advances in assessing long-range transport of air pollution, and in satellite-based estimates of ground-level air pollution.”

The winners of the 2013 FGS Doctoral Thesis awards will be announced at the May 9th, 2013 FGS Annual Faculty meeting. It is important for FGS and for the university to honour our most outstanding graduates through such awards, not only because of the achievements of the award winners, but also to recognize

the high level of achievement of all our students and programs. Students nominated for external award competitions in the last year are as follows.

NSERC Doctoral Prize (submission deadline September 2012)

Natural Science category:

No applications were submitted to FGS for this award.

Engineering and Computer Science category:

No applications were submitted to FGS for this award.

CAGS/UMI Distinguished Doctoral Dissertation Award (submitted March 2013)

Engineering, Medical and Natural Sciences category:

Dr. Kimberley Davies, Department of Oceanography, PhD awarded October 2012, for her thesis "Variation in the Prey Field of North Atlantic Right Wales (*Eubalaena Glacialis*) in Roseway Basin".

Fine Arts, Humanities and Social Sciences category:

Dr. Roger Marsters, Department of History, PhD will be awarded May 2013, for his thesis "Approaches to Empire: Hydrographic Knowledge and British State Activity in Northeastern North America, 1711 - 1783".

NAGS Awards (submitted February 2013)

Doctoral Dissertation Award

Dr. Elaine Craig, Schulich School of Law, awarded a JSD in October 2010, for her thesis "Sex and the Supremes: Towards a Legal Theory of Sexuality".

Master's Thesis Award

Margaret Donahue, School of Health Administration, awarded Masters of Applied Health Research in October 2012, for her thesis "Being-Breathless-In-The-World: A Heideggerian Hermeneutic Phenomenological Interpretation of the Lived Experience of Advanced Chronic Obstructive Pulmonary Disease (COPD)".

These external award competitions are highly selective: CAGS represents more than 60 Canadian universities, NAGS more than 100 American and Canadian institutions. It is, however, important for Dalhousie and for our students to assemble the nomination files and make strong nominations. Recognition as the Dalhousie nominee undoubtedly is an honour for the student, and for the university it is important to be well represented among such nominations for doctoral graduates.

Associate Dean's Report

Dr. Pelzer wishes to thank the Faculty staff for their support, help and expertise throughout the year. The dedication of staff to Graduate Studies ensures that a very high level of service is provided to students and faculty alike. As well, the Faculty of Graduate Studies would like to thank the members of the various committees of which the Faculty is composed for the generosity with which they donate their time and the careful consideration and insight they bring to the tasks they are asked to undertake. The Faculty could not function without their support, and their efforts are deeply appreciated, as is their unfailing sense of humour and continuing good will.

1. Scholarships

The following section will outline all of the scholarship competitions and processes held during the 2011-2012 and 2012-13 Academic years. Committee members were elected or appointed to ensure fair and accurate disbursement of scholarship funds.

FGS Departmental Scholarship Allocation

Graduate Coordinators were asked to confirm the names of those who, upon admission, were considered to qualify as first-class students to be counted toward a department's second round allocation. Graduate Faculty staff used data from students' files to make a final determination of eligibility to be counted toward a department's allocation, based on a four-year undergraduate degree with a transcript demonstrating a GPA of 3.7 or higher for the last two years of a student's program.

The total amount of funding allocated to all departments for 2012-2013 is \$3,263,175, as compared to the 2011-2012 total of \$3,134,026. The anticipated funding allocation to departments in 2013-14 will be \$3,376,579.

The yearly allocation for thesis programs is based on two parts. Part A (1st round) is calculated as 80% of the previous year's base allocation. Part B (2nd round) is based on the number of A- or better students coming into a program in the previous year, weighted as follows: 1 point for new masters students, 2 points for transfers from masters into PhD programs and 3 points for new PhDs. The points are used to reallocate the remaining 20% of the funds to departments.

Non-thesis programs allocation is also based on two parts. Part A is calculated using the number of new masters students with A- or better entering in the previous year multiplied by a weighted factor related to the length of the program. The length factor is as follows: 3 for one year programs (10 or fewer half courses), 4 for 16-22 month programs (up to 20 half courses), 5 for 2 year programs (20 plus half courses) and 6 for 3 year programs (30 plus half courses). Part B is an entrance scholarship for use in the current recruitment cycle to help attract an exemplary student with a GPA of 4.0 or better.

A total of 565 points were accrued by departments for the 2012-2013 allocation year, a slight decrease over the 612 point total for 2011-2012. A total of 684 points were accrued by departments for the 2013-2014 allocation year. Departmental allocations are presented in Table 1 at the end of this section of the Report.

Izaak Walton Killam Predoctoral Scholarships

The Killam Predoctoral Scholarships are the most prestigious scholarships offered at Dalhousie University. Applications are submitted by departments on behalf of students whom they feel merit consideration for this award.

Renewals

Killam Scholars wishing to renew their Scholarships for the 2012-13 academic year were asked to submit a progress report. Progress reports were reviewed by the Associate Dean, Dr. Pelzer. In total, 34 students submitted progress reports to request renewals, 5 from students in master's programs and 29 from students in doctoral programs. The Associate Dean recommended that all of these scholarships be renewed.

In February 2013, progress reports were received from 39 Killam Scholars wishing to renew their Scholarships for the 2013-14 academic year (7 Level 1, and 32 Level 2 Scholars). Progress reports were reviewed by the Associate Dean, Dr. Pelzer, who recommended that all of these scholarships be renewed.

New Applications

Applications for new Killam Predoctoral scholarships are submitted by faculties, departments, and schools on behalf of Master's and Doctoral students accepted into their graduate programs but who are not yet at Dalhousie, and for Doctoral students who have already begun their studies here but who do not hold Killam scholarships.

For the 2013 competition, the Killam Predoctoral Scholarships two-round offer system was introduced. The objectives were twofold: to avoid the perception that the Killam predoctoral scholarships (and especially 'Honorary Killam' are something of an afterthought to Tri-Council awards (through the Killam awards are adjudicated earlier), and to help academic units streamlining their offers from FGS allocations by releasing the first-round of Killam offers early and making the wait list for second round offers available. A first round of offers is now made to top candidates immediately following the meetings of the selections committees: a wait list is sent to Graduate Coordinators for information. A second round of offers is made to applicants after Tri-Council results are learned.

The Killam committee was broken down into a Level 1 committee (Olav Kringolson, Psychology; Eli Diamond, Classics; Lindsay Dubois, Sociology and Social Anthropology) and a Level 2 committee (Ian Folkins, Physics; Eileen Denovan-Wright, Pharmacology; Geoff Loomer, Law; John Baxter, English). Committee members reviewed and rated only their specific files and submitted their individual rankings to FGS to be collated. These initial rankings were then considered at meetings of the Committees held on March 14, 2013 and March 15, 2013, chaired by the Associate Dean. In all, 66 nominations were received (21 Level 1 nominations and 45 Level 2 nominations). From the ranked list, 14 new Killam scholarships were offered, 5 at Level 1 and 9 at Level 2. 18 nominations were wait listed, with offers being made after the Tri-Council results are released.

For comparison, in the competition held in February 2012, 72 nominations were received (29 Level 1 nominations, and 43 Level 2 nominations), and 26 new scholarships were offered (8 Level 1, and 18 Level 2).

Killam Trustees: George Cooper, Kevin Lynch, M. Ann McCaig, John Montalbano

Dalhousie Killam Administrator: Danielle Pottie

MacKenzie King Scholarships

These scholarships are intended to provide support for graduates of Canadian universities to pursue study at the graduate level in any discipline at any location (the “open” scholarship) or specifically in the areas of international or industrial relations in the United Kingdom or the United States (the “traveling” scholarship).

A Committee consisting of Bernard Boudreau and Dieter Pelzer reviewed 15 applications for the March 2013 open and traveling scholarship competitions. The Committee recommended that 2 open applications (no traveling applications were submitted to Dalhousie) be forwarded to the University of British Columbia for consideration by the MacKenzie King Scholarship Selection Committee.

Results from this competition weren’t known at the time this report was prepared.

Last year (in the competition held February 2012), 3 applications (2 open and 1 traveling) were forwarded to the University of British Columbia for consideration by the MacKenzie King Scholarship Selection Committee. Dalhousie students were not awarded any scholarships.

Eliza Ritchie Doctoral Scholarship for Women

The Eliza Ritchie Doctoral Scholarship is an entrance scholarship which was established in 1985 to commemorate Women’s Centennial Year. It is named in honor of Eliza Ritchie, a Dalhousie graduate (1887) who went on to become one of the first Canadian women to receive a PhD degree (Cornell, 1889). The purpose of the scholarship is to attract outstanding female students to PhD programs at Dalhousie. Departments may nominate Canadians and permanent residents for the scholarship. It is awarded, as a first criterion, based upon high academic standing and promise. Among applicants of otherwise equal achievement, preference is given to candidates from the Atlantic Provinces and to those seeking entry into programs in which women are underrepresented.

A selection committee consisting of Dr. Bernard Boudreau and Dr. Dieter Pelzer met to review the applications for the March 2013 competition. There was 1 new award and 1 renewal scholarships offered.

Last year (in the competition held March 2012), there was 1 new award and 2 renewal scholarships offered.

James Robinson Johnston Scholarship for African Canadians

The James Robinson Johnston Scholarship is an entrance scholarship that was established in 1996 to provide support for African Canadian students to undertake graduate studies at both the master’s and doctoral levels. It is named in honor of James R. Johnston, the first member of the Nova Scotian African Canadian community to graduate in Law from Dalhousie University (1898).

No competition was held in 2011-2012 as the funds for this award were committed. A new competition will be held in 2013-2014 (closing date May 15, 2013) to offer 1 Master’s or Doctoral award.

Nova Scotia Black and First Nations Graduate Entrance Scholarships

The objective of the Nova Scotia Black and First Nations scholarships is to increase the representation of Nova Scotia Black and First Nations students in the university's wide diversity of graduate programs, and ultimately in the academy and in advanced professional occupations. The graduate program may be at the master's or doctoral level, and may include professional, course-based and thesis-based programs.

In 2012, Dalhousie University received 4 new applications and 1 renewal application. 1 new and 1 renewal scholarships were awarded. Dr. Dieter Pelzer (Associate Dean, FGS), Dr. Bernard Boudreau (Dean, FGS), and Dr. Kevin Hewitt (Physics and Atmospheric Science) reviewed the applications for the May 2012 competition.

The next competition deadline is May 15, 2013.

Phi Kappa Pi Joe Ghiz Memorial Award

This is an annual award given to a student enrolled in a graduate degree program at Dalhousie University.

A prize of \$750 will be awarded to a student studying at the Master's or Doctoral level, in any discipline at Dalhousie University. The student must have a first-class standing (GPA 3.7/4.3) or higher in the last two years of previous study (graduate and/or undergraduate) and demonstrate both community involvement and university life involvement. Application or nominations should be made to the Faculty of Graduate Studies.

In October 2012, Dalhousie University received 25 new applications. 1 award was made. Dr. Dieter Pelzer (Associate Dean, FGS) and Dr. Bernard Boudreau (Dean, FGS) reviewed the applications.

The Sushi Nami Royale Graduate Scholarship

The Sushi Nami Royale Graduate Scholarship is an annual scholarship of \$1,000 that will be awarded to a first year Master's student or second year Doctoral student with first-class academic standing. Preference will be given to an international student who is studying in an area related to the food industry, including distribution, management, regulations and policy, or processing.

In October 2012, Dalhousie University received 3 new applications. 1 new scholarship was awarded. Dr. Dieter Pelzer (Associate Dean, FGS) and Dr. Bernard Boudreau (Dean, FGS) reviewed the applications.

A.S. Mowat Prize

The A.S. Mowat Prize was established in 1984 and was created with gifts from numerous donors. Contributions were received from alumni and staff who worked and studied under Professor Mowat. The purpose of the A. S. Mowat Prize is to perpetuate the memory of Alexander S. Mowat who, as the O.E. Smith Professor of Education, served for thirty years (1939-1969) as chairman of the Department of Education at Dalhousie University; and to commemorate Professor Mowat's contribution to education in Nova Scotia.

The A. S. Mowat Prize was established to provide a prize of \$1,500 to recognize outstanding achievement by a student who is in their first year of a Master's program in any discipline at Dalhousie University.

In April 2013, Dalhousie University received 6 new applications. 1 prize was awarded. Dr. Bernard Boudreau and Dr. Dieter Pelzer reviewed the applications.

The Vitamin Scholarship

The Vitamin Scholarship was enabled by an endowment created by the settlement of a court case, in which the companies involved agreed to allocate resources to vitamin research in Canadian universities. The Vitamin Scholarship was established for activities related to vitamin products such as food and nutritional research or education, food related programs, and/or consumer services or consumer protection activities. This scholarship is for one year at the Masters level and Doctoral level, and is renewable for one additional year. The award must be taken up upon commencing the first year of the degree program and is worth \$19,000 (Master's) and \$21,000 (Doctoral) (2008-2009) for a twelve-month academic year.

Unfortunately, the Vitamin Scholarship competition has not been held since 2008 as the endowment fund has not earned any new income with the current market conditions.

2. Social Sciences and Humanities Research Council (SSHRC) Scholarships

Two SSHRC Scholarship Committees are involved in determining which applicants will be recommended to be sent forward for consideration for scholarship funding by the Social Sciences and Humanities Research Council. The SSHRC Doctoral selection committee consisted of Frank Harvey (Political Science), Sherry Stewart (Psychology), Julia Wright (English), and Eli Diamond (Classics). The SSHRC CGS Master's award committee consisted of Kathryn Morris (King's College), Steven Baur (Music), Maria Jose Gimenez (Spanish), and Wayne Hankey (Classics). Both committees were chaired by Dieter Pelzer.

A total of 29 applications for SSHRC doctoral scholarships were reviewed by each member of the Committee prior to its meeting. Individual rankings were submitted to the FGS office where they were collated and distributed to members at a meeting held on January 4, 2013. The initial rank-ordered list was discussed and two final, alphabetical lists – an “A” list consisting of applicants ranked in the top 21 positions, and a “B” list comprising all the rest – were prepared and sent forward. Dalhousie was awarded six CGS-D scholarships and two SSHRC doctoral scholarships. Last year, eight CGS-D scholarships and four SSHRC doctoral scholarships were awarded.

For the Master's competition, much the same procedure was followed. The Committee met on January 21, 2013, to consider 41 applications for Master's scholarships from which a list of the top 18 names, accompanied by a wait list of 4 names, were prepared and sent forward to SSHRC. King's College forwarded an additional application and 1 wait listed application for their quota. The competition results were not available at the time of this report.

3. Walter C. Sumner Memorial Fellowships for Doctoral Studies in Chemistry, Physics, Electrical Engineering or Computer Science

This Committee is responsible for preparing a ranked list of applicants, which is then forwarded to the Sumner Foundation for consideration for awards. The committee consisted of Dmitry Garagash (Engineering), Ian Hill (Physics and Atmospheric Science), Josef Zwanziger (Chemistry) and is chaired by Dieter Pelzer.

To be eligible to be considered for these fellowships, applicants must be pursuing or intending to pursue doctoral studies in the fields of chemistry, physics or electronics. Candidates are required to have a degree from a Canadian university other than the one at which doctoral studies are to be undertaken. In descending order, preference is given to qualified applicants who are: 1) native to Nova Scotia, 2) native to one of the other three Atlantic Provinces, and 3) native to any other province of Canada.

In February 2013, the Committee considered 5 files for new awards and 2 files for renewal. Committee members ranked the applications prior to meeting. The ranked lists from each member were collated by FGS. The files were forwarded to the Foundation. At the time of this report, final results of this competition were not received from the Sumner Foundation. In last year's competition (2012-13), Dalhousie was awarded 3 new Fellowships and 2 renewals.

4. Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships

Two NSERC Scholarship Committees are involved in determining which applicants will be recommended to be sent forward for consideration for scholarship funding by the Natural Sciences and Engineering Research Council. The NSERC Doctoral Committee consisted of Andrew Rau-Chaplin (Computer Science), Olav Kringolson (Psychology), Mark Stradiotto (Chemistry), and Stanimir Bonev (Physics). The NSERC Master's Committee consisted of Sophia Stone (Biology), Rob Jamieson (Civil Engineering), and Evgeny Pavlov (Physiology and Biophysics). Both committees were chaired by Dieter Pelzer.

Each Committee member read and rated all the applications allocated to that committee (68 applications allocated to the PGS-M committee, 58 applications allocated to the PGS-D committee) before the final meetings, held on November 20th, 2012, at which ranked lists to be forwarded to NSERC were produced. A total of 85 applications (41 Master's, 44 Doctoral) were recommended for consideration of NSERC scholarships in the 2012 competition. 40 scholarships were awarded by NSERC, 2 PGS-M, 10 PGS-D, 19 CGS-M, and 9 CGS-D. It is still not know, whether the PDS-M's are Julie Payette's or not.

Last year, 88 applications (41 Master's, 47 Doctoral) were recommended for consideration of NSERC scholarships in the 2011 competition. 38 scholarships were awarded by NSERC, 3 PGS-M, 14 PGS-D, 16 CGS-M, and 5 CGS-D. All 3 PGS-M scholarships were Julie Payette awards.

The NSERC Industrial Postgraduate Scholarship (IPS) program is relatively small in comparison to the PGS and CGS programs, but IPS applications from Dalhousie students have had a very high success rate and have allowed for the building of valuable linkages between university researchers and local or national companies. The value of these awards is \$21,000/year for 1, 2 or 3 years, including \$15,000 from NSERC and a minimum of \$6,000 from the industrial sponsor. Students apply individually for IPS awards, and need to have established an agreement with an industrial sponsor of their project. Part-time students are eligible for NSERC IPS awards. In addition, NSERC requires well-defined contractual and IP

agreements between the student, supervisor(s), university, and the participating company. This requires a close coordination between the student and academic supervisor, the cooperating industrial organization, and FGS. Currently in the 2012-13 academic year Dalhousie has 8 active NSERC IPS awards. Applications are accepted and considered by NSERC staff at any time. Once the full application is received by NSERC, the decision usually is made within 6-8 weeks, and the award can be taken retroactively to the beginning of the academic term if needed. Dalhousie IPS applications easily compensate for the significant administrative tasks associated with each individual award.

5. Canadian Institute of Health Research (CIHR) CGS–M Scholarships

The CIHR CGS-M committee consisted of Denis Dupré (Pharmacology), Gordon Flowerdew (Community Health & Epidemiology), Roger McLeod (Biochemistry), David Jakeman (Pharmacy), and was chaired by Dieter Pelzer (Associate Dean, FGS). Committee members ranked 13 applications, and then met on January 24, 2013 to finalize the list. Of these, 7 applicants were sent forward to CIHR for consideration for awards. The results were not known at the time of this report. In 2012, 7 applications were forwarded to CIHR for consideration and Dalhousie was successful in securing 5 scholarships.

FGS is not involved in coordinating the CIHR doctoral competition. There were 21 applications sent to CIHR from Dalhousie students for the October 2012 competition. Three CGS D and two Doctoral Research awards was offered to Dalhousie students.

6. Vanier Canada Graduate Scholarships

The Vanier CGS program was announced in September 2008. The aim of the program is to attract and retain world-class doctoral students by supporting students who demonstrate a high standard of scholarly achievement in graduate studies in the social sciences and humanities, natural sciences and engineering, and health; as well as leadership skills. Both Canadian and international students are eligible to be nominated for a Vanier CGS. A Vanier CGS is valued at \$50,000 per year, for three years.

Nominees are evaluated and selected based on the following three criteria, which will be weighted equally by the peer review committees. Until this year, the final selection of awardees by the board was based solely on the leadership component (referee letters, university nomination letter and applicant's self-assessment of leadership potential and ability) of the applications. This year, successful applicants were selected on all three peer-review criteria. Increased emphasis was also placed on student mobility and recruitment.

Peer review selection criteria:

- Academic excellence, as demonstrated by past academic results and by transcripts, awards and distinctions.
- Research potential, as demonstrated by the candidate's research history, his/her interest in discovery, the proposed research and its potential contribution to the advancement of knowledge in the field, and the potential benefit to Canadians and any anticipated outcomes.

- Leadership (potential and demonstrated ability), as defined by the following qualities: personal achievement, involvement in academic life, volunteerism/community, outreach, civic engagement

The SSHRC Vanier nomination committee consisted of Dieter Pelzer (Associate Dean, FGS) and Frank Harvey (Political Science). FGS received 1 application and 1 application was forwarded on to SSHRC. Dalhousie was successful in receiving a SSHRC Vanier CGS scholarship

The NSERC Vanier nomination committee consisted of Dieter Pelzer (Associate Dean, FGS), Sandra Walde (Associate Dean, Faculty of Science), and Amyl Ghanem (Biomedical Engineering). FGS received 10 applications and 2 were forwarded on to NSERC. Dalhousie was successful in receiving one NSERC Vanier CGS scholarships.

The CIHR Vanier nomination committee consisted of Dieter Pelzer (Associate Dean, FGS), and Roger McLeod (Assistant Dean, Graduate & Postdoctoral Studies, Faculty of Medicine). FGS received 2 applications and one was forwarded on to CIHR. Dalhousie was successful in receiving a CIHR Vanier CGS scholarship.

7. Trudeau Foundation Doctoral Scholarship

Up to 15 Trudeau Scholarships are awarded each year to support doctoral candidates pursuing research of compelling present-day concern, touching upon one or more of the four themes of the Foundation. Trudeau Scholars are highly gifted individuals who are actively engaged in their fields and expected to become leading national and international figures.

The Trudeau Foundation Doctoral Scholarship is tenable for 3 years. The award consists of an annual stipend of \$40,000, which is intended to cover the cost of tuition and reasonable living expenses, and a \$20,000 annual travel allowance, which is available to support research-related travel and to cover networking expenses associated with the Foundation's Public Interaction program.

Dalhousie University, upon recommendation from a selection committee, consisting of Dr. Kim Brooks, Dr. Bernard Boudreau, and Dr. Robert Summerby-Murray, nominated 3 students in the 2013 Trudeau Foundation Doctoral Scholarship competition. Dalhousie was successful in receiving one Trudeau scholarship.

In the 2012 competition, Dalhousie nominated 1 student for a Trudeau Scholarship. That application was successful.

8. Canada Graduate Scholarship – Michael Smith Foreign Study Supplements (CGS-MSFSS)

The Government of Canada launched this program in 2008 to support high-calibre graduate students in building global linkages and international networks through the pursuit of exceptional research experiences at research institutions outside of Canada. By assessing international scientific research and training, CGS-MSFSS recipients will contribute to strengthening the potential for collaboration between Canadian and international universities and affiliated research institutions. This award is valued at \$6000.

In June 2012, Dalhousie submitted 2 applications for SSHRC CGS-MSFSS, and 1 application for NSERC CGS-MSFSS all applicants were successful. The applications were reviewed by Dieter Pelzer (Associate Dean, FGS).

In October 2012, Dalhousie submitted 1 application for NSERC CGS-MSFSS and that application was successful. The applications were reviewed by Dieter Pelzer (Associate Dean, FGS).

In January 2013, Dalhousie submitted 1 application for NSERC CGS-MSFSS and that application was successful. The applications were reviewed by Dieter Pelzer (Associate Dean, FGS).

9. Nova Scotia Health Research Foundation (NSHRF)

The Scotia Scholarship is a funding opportunity that is available under NSHRF's Research Trainee Funding Program. The Scotia Scholarship is intended to provide financial support to high caliber trainees engaged in health research-related academic study at Nova Scotia universities. The goal of the Scotia Scholarship is to support the development of the next generation of highly qualified health researchers and leaders in the Nova Scotia health research enterprise. Scotia Scholarship funded applicants have the distinct honour to carry the designation of Scotia Scholar.

Specifically for Scotia Scholarships, NSHRF considers research trainees to be: students enrolled at Nova Scotia universities who are completing thesis based degree programs at the Master's and Doctorate levels or honours based degree programs at the Undergraduate level at institutions that do not offer graduate level thesis based degree programs.

In April 2013 the NSHRF held a Master's Scotia Scholar competition. Dalhousie had a quota of 5 in the PSO category and 5 in the MED category. Saint Mary's University requested Dalhousie trade one PSO quota for one MED quota. With approval from NSHRF the trade was completed. Dalhousie received 24 applications for the Master's MED category and 14 applications in the PSO category. Dalhousie submitted six MED applications and four PSO applications along with an alternate list of six applications in each category. The results of this competition were not known at the time of this report.

Dalhousie received all the awards for applications submitted to NSHRF in the 2012 competition.

The Scotia Support Grant is modeled after the NSERC CREATE and CIHR STIR programs of indirect student support. The competitive, peer reviewed funding opportunity will run every two years and is open to researchers/supervisors. The purpose of the Scotia Support Grant is to:

- Support additional training opportunities within vibrant and productive research programs;
- Enable funded researchers/supervisors to recruit the level and number of research trainees needed to enhance their programs of research;
- Provide flexibility for all levels of academic trainees to be engaged within Nova Scotia based research programs that are generating knowledge relevant to the NSHRF health research priority areas; and
- Contribute to the sustainability of local research programs that have the potential to impact and improve the health of Nova Scotians, while also training tomorrow's health researchers.

The applications for the 2013 NSHRF competition were reviewed by Valerie Chappe (Physiology), Cindy Shearer (Health and Human Performance), Wenda Greer (Pathology) and Stan Matwin (Computer Science)

10. Academic Programs

New graduate programs and major program modifications need approval at various stages, starting with the home Faculty, FGS, Senate, Board of Governors, MPHEC, and, for health or health-related programs, the Atlantic Advisory Committee on Health Human Resources (AACHHR). The review by FGS normally includes a report from an internal review committee and from at least one external expert. Minor program modification proposals must be submitted to the Academic Planning and Curriculum Committee (APCC) of FGS for approval. A degree name change, which does not affect degree requirements, existing academic program content and has no resource implications requires the completion of the Modified Program Proposal form, and approval by APCC on behalf of Faculty Council of FGS. A request to suspend/terminate a program must be made when it is intended that students no longer be admitted into the program and for the permanent removal of the program from the institution's offerings. The Program Termination Proposal form should be used. Proposals to suspend/terminate, if approved by the home Faculty, require approval by APCC on behalf of Faculty Council of FGS. Name changes and proposals to suspend/terminate a program also require approval by SAPRC/Senate (SCAA in case of name changes), the Board, MPHEC, and AACHHR (if it meets the criteria of a health or health-related program). Please note that since the beginning of 2013, MPHEC has revised its forms and information requirements for new programs and all other program changes. These forms can be found at the Senate and MPHEC websites.

In 2012-2013 the following new program proposals and program modifications were reviewed in FGS.

New programs:

- Master's of Fine Arts in Creative Nonfiction Program - approved by FGS, SAPRC, and Senate, under review by MPHEC
- General Practice Dental Residency Program - approved by FGS, SAPRC, ACCHRR, and Senate, awaiting approval by MPHEC
- Graduate Certificate in Biomedical Technology Innovation and Entrepreneurship – approved by FGS
- Graduate Certificate (Public Administration) in Professional Development – approved by FGS

New program proposals (at various stages of review):

- Master's of Healthcare Management (approved by FGS, returned to Faculty for revision)

Consideration of Concept Paper for New Program:

- PhD in Health (approved by FGS, and SAPRC)
- MSc in Psychiatry Research (approved by FGS, and SAPRC)

- PhD in Epidemiology and Population Health (approved by FGS, and SAPRC)
- Master's in Food Science and Technology (returned to Faculty of revision)
- MEng in Project Management (returned to Faculty for revision)

Major program modifications:

- Non-thesis stream in the MA in French (under review by FGS)

Minor program modifications and change of degree names and degree designations:

- Master's of Periodontics Program. (Senate and the Registrar's Office notified)
- Master's of Science in Anatomy and Neurobiology. (Senate and the Registrar's Office notified)
- Master's of Marine Management. (Senate and the Registrar's Office notified)
- Program name changes
 - JSD Program to PhD Program (approved by FGS and Senate, under MPHEC review)
 - Medical Sciences Graduate Program to Clinician Scientist Graduate Program and a change in admission criteria, (approved by FGS, Senate and MPHEC)
- Master's of Computational Biology and Bioinformatics – (Senate and Registrar's Office notified)
- Master's of Social Work – change in admission requirements (approved by FGS, Senate and MPHEC)

Program terminations: Admission to this program is suspended. The program will continue to be delivered to any current students until all students have graduated, or the time allowed for program completion has elapsed, or all students have left the program.

- Termination of MD/PhD combined program. Approved by FGS, Senate, the Board and MPHEC.

FGS is responsible for academic reviews of its graduate programs. In the case of departments in the Faculty of Arts and Social Sciences and the Faculty of Science these reviews are carried out jointly with departmental reviews on a 7-year cycle. In other faculties FGS reviews are also carried out, wherever feasible, in combination with various faculty-based reviews, or as post-accreditation reviews. Reviews of graduate programs in the Faculty of Medicine are combined with first-term headship surveys or surveys/searches on a 5-year cycle. For joint reviews, FGS appoints one or two members to the review committee. For FGS reviews, internal review committees can consist of two to four members (normally three), and at least one external reviewer is asked to visit the unit. Following receipt of the review reports and response from the unit under review, the conclusions of the review are discussed in a meeting of Faculty Council.

Reviews for the following graduate programs have been completed since April 2012:

- Department of Earth Sciences (joint with Faculty of Science): MSc and PhD programs
- School of Nursing (joint with Faculty of Health Professions): MN and PhD programs
- Department of Mathematics and Statistics (joint with Faculty of Science): MSc and PhD programs

- Department of International Development Studies (joint with Faculty of Arts and Social Sciences): MA program
- Anatomy and Neurobiology (joint with Faculty of Medicine)
- Department of Biochemistry and Molecular Biology: MSc and PhD programs

Reviews for the following programs are in various stages of progress:

- Department of Pathology (joint with Faculty of Medicine) (in the review process)
- Department of Sociology and Social Anthropology (joint with Faculty of Arts & Social Sciences) (still with FASS for consideration)
- Department of Economics (joint with Faculty of Science) (ready for FGS)
- Faculty of Health Professions (Senate Review) (in the review process)

Programs that are subject to accreditation reviews by external agencies typically have a review cycle of 5 years. For such programs, FGS can decide to use a “post-accreditation” review of academic issues and issues internal to the university, normally relying on the accreditation report submitted by external reviewers as the FGS external review.

11. Curriculum Matters

Issues related to the graduate curriculum, including new courses, cross-listings, and changes to class titles, prerequisites and numbers, are reviewed and approved by the Faculty’s Academic Planning and Curriculum Committee at its monthly meetings.

For the period between May 2012 and April 2013, APCC considered and approved the following:

New Classes.....	48
Cross Listings.....	5
Minor Changes*	7
Removals	25

** This includes such items as title and number changes, changes to prerequisites, and changes in course descriptions or delivery method.*

12. Postdoctoral Fellows—General

Currently there are 170 postdoctoral fellows (PDFs) at Dalhousie. Please note there are also 10 postdoctoral fellows located at the IWK, and 14 at the Faculty of Agriculture.

The much debated policy mandating minimum stipends for PDFs across the university has been changed into a best practice recommendation, which is, and has been, adhered to in an exemplary fashion (see table below).

Starting Stipends for New Postdoctoral Fellows*

	2010	2011	2012	2013
New Postdoctoral Fellows	47	59	24	74
Average Stipend	42,598	42,340	42,000	42,937
Minimum Stipend	31,475	26,500	35,000	30,800
Minimum Stipend Earners	1	1	1	1
Stipend Earners < 35,000	3	5	0	3
Maximum Stipend	73,224	75,000	60,000	100,000
Maximum Stipend Earners	1	1	2	1

* Killam Postdoctoral Fellows are not included in these figures.

On October 12, 2012, Dalhousie celebrated its third Postdoc Appreciation Day. The day consisted of a series of postdoc presentations and posters, a keynote speaker (Dr. Jorge Cham), which was followed by a barbeque, entertainment for the children (the movie “The Lorax”) and the band “Daniel Body & No Longer Hip” in the Tupper Link. The event had 60 postdocs RSVP for the barbeque which was for the postdocs, their families and their supervisors, for a total of 115 guests. Door prizes, which included a selection of gift cards, were provided for the postdocs. FGS wishes to thank the Faculties of Science, Engineering, Medicine, Computer Science, Dentistry, the Departments of Anatomy, Pharmacology, Biochemistry, Biomedical Engineering, Physiology, Microbiology and Immunology, and the Office of the Vice President Academic for their sponsorship. Corporate sponsorship was provided by AARMS, HEKA, and McInnes Cooper, with door prizes donated by Wheatons, the Dalhousie Bookstore, the Museum of Natural History, Pete’s Frootique and the Discovery Centre.

13. The Killam Postdoctoral Fellowships

The Killam Postdoctoral Fellowship Committee is responsible for recommending candidates to receive new Killam Postdoctoral Fellowship awards and for establishing a wait list.

Committee membership: Jeannette Janssen (Mathematics and Statistics), Rob Jamieson (Process Engineering & Applied Sciences), Derek Reilly (Computer Science), Angelo Iulianella (Anatomy), Frank Harvey (Political Science). The committee was chaired by Dieter Pelzer (Associate Dean, FGS).

Killam Trustees: George Cooper, Kevin Lynch, M. Ann McCaig, John Montalbano

Dalhousie Killam Administrator: Danielle Pottie

A total of 45 applications were put forward by 30 departments for this year’s competition: 16 from women and 29 from men, together representing 15 different countries. Each member of the Committee reviewed all of the applications and established a ranking list which was submitted to the Faculty office before a meeting was held on February 20, 2013. At that meeting, the collated rankings of committee members were used in conjunction with each individual’s scores, as a basis for discussion. As a result of their deliberations, the Committee recommended two offers to the Dean and Killam Trustees.

The 2 initial offers were accepted (Constance O’Connor, Biology and Eric Bushnell, Chemistry).

The following table outlines, for the given year, the distribution by discipline of new and renewed Killam Postdoctoral Fellowships held during the period indicated.

Killam Postdoctoral Fellowship Distribution by Discipline

Year	Total held	F/M	Science & Engineering	Discipline	Humanities & Social Sciences	Discipline
2013-14	7	2/5	6	Chemistry (2), Biology, Psychiatry, Psychology, Physics	1	Philosophy
2012-13	8	2/6	6	Biology, Chemistry, Physics, Psychiatry, Psychology, Earth Sciences	2	Political Science, Law
2011-12	6	2/4	5	Biology, Biomedical Engineering, Chemistry, Psychology, Psychiatry	1	Law
2010-11	7	3/4	4	Bioethics, Biology (2), Pathology	3	History, SOSA, English
2009-10	10	5/5	5	Pathology, Biology, Bioethics, Biology, Psychology	5	SOSA, English (2), Philosophy, History
2008-09	13	4/9	7	Biology, Bioethics, Math, Psychology, Process Engineering, Microbiology, Earth Sciences, Industrial Engineering	6	English, History, Philosophy, Theatre
2007-08	15	7/8	11	Psychology, Biochemistry, Earth Sciences, Biology, Math and Stats, Microbiology, Process Engineering, Industrial Engineering	4	History, Philosophy, Theatre
2006-07	11	5/6	8	Biochemistry, Biology, Earth Sciences, Industrial Engineering, Mathematics, Psychology	3	History, Theatre
2005-06	7	2/5	6	Biochemistry, Biology, Earth Sciences, Mathematics, Chemistry	1	History
2004-05	8	2/6	4	Chemistry, Biology, Pharmacy, Mathematics	4	History, Music, English
2003-04	5	2/3	2	Biology, Biochemistry	3	English, History, Music (1 yr)
2002-03	4	0/4	3	Pharmacy, Chemistry, Earth Sciences	1	English
2001-02	6	1/5	4	Biochemistry, Chemistry, Physics (2)	2	Philosophy, Political Science
2000-01	7	2/5	5	Chemistry, Earth Sciences, Engineering Mathematics, Mathematics & Statistics, Neuroscience/Psychology	2	Philosophy, Sociology & Social Anthropology
1999-2000	5	1/4	4	Chemistry, Mathematics, Pharmacology, Biology	1	English
1998-99	5	2/3	2	Chemistry, Physics	3	Political Science (2), Economics
1997-98	7	4/3	1	Biochemistry	2	French, Philosophy
1996-97	6	2/4	4	Chemistry, Earth Sciences, Pharmacology, Psychology	2	English, Political Science
1995-96	8	1/7	5	Chemistry, Oceanography (2), Physics, Microbiology	3	Political Science, Music, Law

14. Banting Postdoctoral Fellowships

In July 2010, the Canadian government announced the establishment of the Government of Canada's Banting Postdoctoral Fellowships, a prestigious new program to attract and develop the world's best and brightest postdoctoral researchers in Canada. Under that program, 70 new fellowships are to be awarded each year, with funding provided through the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council, and the Social Sciences and Humanities Research Council. Fellowships are \$70,000 per year (taxable) and are tenable for two years.

An application to the Banting Postdoctoral Fellowships Program is actually a nomination from the University, with important roles for the supervisor, the department, and the Faculty of Graduate Studies acting for the University. The Dalhousie Banting Postdoctoral Fellowships Committee is responsible for recommending candidates to be nominated by the University.

Committee membership: John Newhook (Associate VP, Research), Dieter Pelzer (Associate Dean, FGS) and Bernard Boudreau (Dean, FGS). The committee was chaired by Dieter Pelzer (Associate Dean, FGS).

There were 6 applications submitted for this year's competition. Each member of the committee reviewed all of the applications and established a ranking list which was submitted to the Faculty office. It was determined that 4 applications would be nominated by the University. Dalhousie was successful in receiving one Banting Postdoctoral Fellowship.

15. Theses and Defences

Master's and doctoral theses for all programs are format checked by FGS and the home unit, and are accepted by FGS. From the period of May 1, 2012 to April 30, 2013, FGS accepted 379 Master's theses and 113 doctoral theses. All thesis submissions are now made electronically via Dalspace (the university repository).

Doctoral defences for all programs are organized through the Faculty of Graduate Studies, which is responsible for formally inviting the external examiner and arranging for a venue and a chairperson for the examination. From May 1, 2012 until April 30, 2013 there were 115 PhD oral defences conducted. This number may be compared to the 98 defences held over a similar period in the previous year, and 94 defences held in the year before that.

Since opening, the Coburg Board Room, an excellently-equipped home for PhD oral defences, has been used for 184 PhD oral defences.

The numbers of PhD defences by department are listed in the table below – as are the names of the Chairs whose work is vital to the independence, objectivity and integrity of these processes. We appreciate their effort, especially since much of the demand for defences comes at traditionally inconvenient times, such as during July and August, or immediately before the end of term.

PhD Defences - May 1, 2011- April 30, 2012

Department	# of defences	# of Chairs from Dept	Name of Chair
Architecture & Planning			
Biochemistry	2	9	Dr. Byers (1), Dr. Singer (2), Dr. McMaster (1), Dr. Too (2), Dr. Bearne (3)
Biology	16	11	Dr. Leonard (2), Dr. Scheibling (1), Dr. Lee (2), Dr. Walde (1), Dr. Whitehead (1), Dr. MacRae (2), Dr. Wright (2)
Biomedical Engineering	1	5	Dr. Filiaggi (1), Dr. Maksym (2), Dr. Lee (2)
Business Admin		1	Dr. Hebb (1)
Chemistry	7	9	Dr. White (1), Dr. Doucette (2), Dr. Burnell (1), Dr. Zwanziger (3), Dr. Stradiotto (1), Dr. Boyd (1)
Civil Engineering	6	5	Dr. Gagnon (2), Dr. Newhook (1), Dr. Lake (2)
Classics		3	Dr. O'Brien (2), Dr. Diamond (1)
Computer Science	8	5	Dr. Trappenberg (1), Dr. Heywood (2), Dr. Zincir-Heywood (2)
Earth Sciences	4	4	Dr. Jamieson (1), Dr. Gibling (3)
Economics	2	2	Dr. Lesser (2)
Electrical Engineering	3		
Engineering Math & Internetworking		2	Dr. Fenton (2)
English	4	3	Dr. Furrow (2), Dr. Diepeveen (1)
French	1		
H & HP		3	Dr. Unruh (1), Dr. Westwood (2)
History	1	2	Dr. Bannister (1), Dr. Neville (1)
ID PhD	16	1	Dr. Pelzer (1)
Industrial Engineering		1	Dr. Pelot (1)
Information Management		2	Dr. MacDonald (2)
Law	1	3	Dr. Coughlan (1), Dr. Devlin (1), Dr. Doelle (1)
Math & Stats	5	5	Dr. Dilcher (2), Dr. Janssen (1), Dr. Nowakowski (2)
Mechanical Engineering	3	2	Dr. Hubbard (1), Dr. Warkentin (1)
Medical Neuroscience	2	5	Dr. Rutherford (3), Dr. Semba (1), Dr. Currie (1)
Medical Sciences			
Microbiology & Immunology	3	1	Dr. Hoskins (1)
Nursing	1		
Oceanography	4	4	Dr. Metaxas (2), Dr. Lewis (2)
Pathology	3	2	Dr. Greer (2)
Pharmacology	1	1	Dr. Denovan-Wright (1)
Philosophy		3	Dr. Sherwin (1), Dr. Hymers (2)
Physics	6	3	Dr. Dunlop (1), Dr. Folkins (2)
Physiology & Biophysics	1	4	Dr. Cowley (3), Dr. Chappe (1)
Political Science	2	1	Dr. Harvey (1)
Process Engineering	3	4	Dr. Speers (2), Dr. Pegg (1), Dr. Kipouros (1)
Psychology & Neuroscience	9	6	Dr. Klein (2), Dr. Stewart (1), Dr. Meinertzhagen (1) Dr. Eskes (1), Dr. Rusak (1)
Resource & Environmental Studies		2	Dr. Tyedmers (2)
Social Work			
Sociology			

PhD Defences - May 1, 2011- April 30, 2012

Department	# of defences	# of Chairs from Dept	Name of Chair
Theatre		1	Dr. Gantar (1)
TOTAL	115	115	

16. Academic Integrity

When an academic offence is suspected, the instructor is to submit a signed statement outlining the basis for the allegation, together with all relevant supporting evidence, to the Academic Integrity Officer (AIO) of the Faculty which is responsible for the delivery of the course at issue, or in the case of an allegation in relation to a graduate thesis or other non-course graduate materials, to the AIO of the Faculty of Graduate Studies.

Between May 1, 2012 and April 30, 2013, Associate Dean Pelzer, who is the AIO of the Faculty of Graduate Studies, received four allegations of academic misconduct. Upon receipt of the materials from the instructors, the AIO initially determined whether or not the materials in each case supported a prima facie case that the student had committed an academic offence. In one of the seven cases, no prima facie case could be made; no further steps were taken in relation to the allegation, and the instructor and student were so advised in writing.

Six of the seven allegations proceeded to AIO meetings with the students and the students' advisors within five working days of receipt of the allegations by the students, one on multiple charges. Following the meetings, the AIO made the assessment that there was sufficient evidence to support the finding that the student had committed an academic offence. The AIO then made an assessment of what penalty would be appropriate in the circumstances. In making the latter assessment, the AIO exercised broad discretion in considering possible mitigating circumstances including but not limited to extraordinary personal circumstances and lack of educational experience. Subsequently, the AIO provided each student with the option of accepting the finding and the proposed penalty, or of proceeding to the Senate Discipline Committee for a full hearing. The option was presented to each student within five working days of the meeting, and the student had two working days to respond. In two cases, the students elected to accept the finding and proposed penalty and the AIO transferred these cases to Senate for ratification.

Acknowledgements

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The members of the various committees which serve on behalf of the Faculty express their thanks to the staff of Graduate Studies for their support and guidance.

Submitted 9 May 2013

Interdisciplinary PhD Director's Report

1. Interdisciplinary PhD Program

The Interdisciplinary PhD (ID PhD) program at Dalhousie provides an opportunity for well-qualified students to undertake doctoral studies that transcend traditional disciplinary boundaries by integrating the knowledge bases, approaches, perspectives and insights of discrete academic areas. Begun at Dalhousie in 1984, this program currently has 58 doctoral students enrolled. It is the only PhD program at Dalhousie that is housed within the Faculty of Graduate Studies.

The Interdisciplinary PhD program went through both staffing and structural changes over the past year. Dr. Marina Pluzhenskaya left the program after two years. During the first year she was the Graduate Coordinator and for her second year she was both the Graduate Coordinator and the Interim Director of the program. Last July Dr. Pluzhenskaya left Dalhousie and was replaced by Dr. William Barker from the Department of English. Dr. Barker also serves as both the Director of the Program and the Graduate Coordinator. Ms. Meghan Fish, the graduate secretary of the ID PhD program went on maternity leave and has been replaced on an interim basis by Ms. Kathryn White.

As the Director, Dr. Barker is in the process of completing the finishing touches on the Operations Manual in preparation for final approval by the program's Advisory Board prior to submission to the FGS Faculty Council. Admission procedures retain the relatively stringent four-part structure established the year before and the earlier work of reviewing all student files for consistency in relation to FGS committee and program requirements has been completed.

Since the program does not have faculty of its own, it draws upon faculty members engaged in the program from across campus to ensure the university and FGS standards are met. To this end, there are three committees that run the program:

Admissions Committee: Drs. William Barker, Director and Chair; Jack Duffy (Professor Emeritus, Rowe School of Business Administration); Gordon McOuat (Adjunct Professor, Department of History); and ID PhD student representative, Matthew Numer.

Appeals Committee: Drs. Peter Tyedmers, Chair (Environmental Studies); Kenneth Rockwood (Medicine); Bill Freedman (Biology); and ID PhD student representative, Sharon Woodill.

Advisory Committee: Drs. William Barker, Director and Chair; Jack Duffy (Professor Emeritus, Rowe School of Business Administration); David Black (Department of Political Science); Raza Abidi (Health Informatics); Richard Apostle (Sociology and Social Anthropology); Anita Unruh (Health and Human Performance); Elaine Toms (Rowe School of Business Administration); Peter Tyedmers (Environmental Studies); and ID PhD student representatives Jennifer Baechler and Matthew Numer.

With the removal of the Associate Dean as program director, the program lost its connection with the day-to-day operations of graduate studies in the university. To help rectify this, the FGS Faculty Council voted to have the Director made an ex officio appointment on the FGS Faculty Council.

In preparation for the upcoming program review scheduled for the 2013/14 academic year, the program has developed a comprehensive database of all students enrolled in the program, past and present.

Overall the program, with all its successes, faces some significant challenges, and many of these will be addressed in the coming review.

46 ID PhD students hold scholarships, grants and bursaries (totaling \$785,000) from various funding agencies, including the *Tri-Council Agencies*.

Graduates:

In the period of this report, we celebrated 15 successful oral defenses of ID PhD theses.

- **Joyline Makani:** *Knowledge Management in Knowledge-Intensive Organizations: An Investigation of Factors Influencing Choices of Knowledge Management Systems*
- **Catherine Cottreau-Robins:** *A Loyalist Plantation in Nova Scotia*
- **David Sable:** *The Impacts of Reflective Practices on the Dispositions for Critical Thinking in Undergraduate Courses*
- **Diane Ellen MacKenzie:** *What are you Looking at? Investigating Visual Observational Behaviour of Occupational Therapists and Untrained Observers*
- **Andrea Bishop (Scobie):** *Perceptions of Patient Safety: What Influences Patient and Provider Involvement?*
- **John Choptiany:** *A Multi-Criteria Decision Analysis and Risk Assessment Model for Carbon Capture and Storage*
- **Abu Kamara:** *International Students and the Politics of Growth*
- **Verona Singer:** *Tensions in the Dominant Domestic Violence Discourse and the High Risk Case Coordination Protocol*
- **Hesham Allam:** *Social, Technical, And Organizational Determinants Of Employees' Participation In Enterprise Social Tagging Tools: A Conceptual Model And An Empirical Investigation*
- **Robert Paul:** *The Philosophy and Physics of Relationality and Inherent Nature: Śūnyatā and Svabhāva in Madhyamaka Buddhist Philosophy, Western Analytic Metaphysics, Philosophy of Science and Physics*
- **Robin Urquhart:** *Multi-level factors influence the implementation and use of complex innovations in cancer care: a multiple case study of synoptic reporting in Nova Scotia*
- **Erin Fredericks:** *"Some Women Are Just So Much Better Than Me:" Governmentality Enacted Through The Breast Cancer Social Movement*
- **Cheryl Bradbee:** *The Social And Spatial Dynamics Of An Urban Ecology, Water And Sanitation Management In Early Modern Piacenza*
- **Judah Goldstein:** *The Assessment of Frailty in Community-Dwelling Older Adults: A Feasibility and Validation Study*
- **Jeffrey Wilson:** *Rethinking Economics: Accounting for Environmental Impact at the Local Level*

Submitted May 9, 2013

Table 1: Departmental Allocations

Faculty	2010 Allocation (Sept 10 – Aug 11)	2011 Allocation (Sept 11 – Aug 12)	2012 Allocation (Sept 12 – Aug 13)	2013 Allocation (Sept 13 – Aug 14)
ARCHITECTURE				
Architecture	\$44,975	\$48,230	\$58,084	\$56,967
Planning	\$22,500	\$17,000	\$17,000	\$15,500
TOTAL ARCHITECTURE	\$67,475	\$65,230	\$75,084	\$72,467
COMPUTER SCIENCE				
Computer Science	\$190,616	\$185,568	\$206,954	\$233,063
TOTAL COMPUTER SCIENCE	\$190,616	\$185,568	\$206,954	\$233,063
ENGINEERING				
Civil Engineering	\$75,020	\$96,766	\$98,413	\$98,230
Electrical Engineering	\$57,008	\$71,331	\$91,045	\$99,836
Environmental Engineering	\$5,518	\$4,414	\$3,531	\$2,825
Engineering Mathematics	\$26,915	\$13,625	\$13,115	\$11,852
Industrial Engineering	\$14,484	\$14,037	\$20,230	\$32,684
Mechanical Engineering	\$52,202	\$47,887	\$45,810	\$59,748
Petroleum Engineering	\$15,000	\$6,900	\$6,725	\$6,700
Process Engineering & Applied Science	\$72,586	\$66,644	\$77,315	\$72,352
Mining Engineering	\$2,249			
TOTAL ENGINEERING	\$320,982	\$321,604	\$356,184	\$384,227
FASS				
Classics	\$29,675	\$33,540	\$31,332	\$29,566
English	\$159,835	\$149,918	\$143,934	\$148,147
French	\$31,368	\$25,094	\$31,575	\$23,260
German	\$28,610	\$25,338	\$27,770	\$26,716
History	\$73,600	\$71,130	\$68,904	\$74,623
International Development Studies	\$52,950	\$50,935	\$51,248	\$49,998
Philosophy	\$71,594	\$65,850	\$55,680	\$58,044
Political Science	\$76,070	\$71,881	\$68,005	\$70,904
Sociology & Social Anthropology	\$86,523	\$85,143	\$89,114	\$78,791
Musicology	\$3,200	\$8,685	\$8,448	\$6,758
TOTAL FASS	\$613,425	\$587,514	\$576,010	\$566,807
HEALTH PROFESSIONS				
Clinical Vision Science	\$9,169	\$8,560	\$11,348	\$12,078
Health & Human Performance	\$44,994	\$47,020	\$52,616	\$52,593
Health Services Administration	\$35,000	\$12,200	\$22,775	\$14,000
Human Communication Disorders	\$94,600	\$57,700	\$83,300	\$81,200
Nursing	\$25,800	\$23,875	\$27,975	\$31,920
Occupational Therapy	\$60,000	\$29,425	\$54,880	\$62,784
Pharmaceutical Science		\$4,000	\$4,700	\$3,760
Physiotherapy	\$86,000	\$47,050	\$64,350	\$75,700
Social Work	\$33,000	\$17,350	\$13,625	\$28,800
TOTAL HEALTH PROFESSIONS	\$388,563	\$247,180	\$335,569	\$362,835
LAW				
Law	\$75,800	\$52,150	\$41,030	\$30,304
TOTAL LAW	\$75,800	\$52,150	\$41,030	\$30,304
MANAGEMENT				
Business Administration	\$30,000			
Resource and Environmental Studies	\$78,600	\$40,300	\$46,445	\$36,036

Faculty	2010 Allocation (Sept 10 – Aug 11)	2011 Allocation (Sept 11 – Aug 12)	2012 Allocation (Sept 12 – Aug 13)	2013 Allocation (Sept 13 – Aug 14)
Information Management	\$44,000	\$33,000	\$32,650	\$32,000
Marine Management	\$11,000	\$14,850	\$22,075	\$18,600
Public Administration	\$42,500	\$17,000	\$18,825	\$28,400
TOTAL MANAGEMENT	\$206,100	\$105,150	\$119,995	\$115,036
MEDICINE				
Anatomy & Neurobiology	\$53,640	\$46,587	\$41,770	\$38,666
Biochemistry	\$61,827	\$72,737	\$71,690	\$79,852
Community Health & Epidemiology	\$36,758	\$36,756	\$39,905	\$45,424
Microbiology & Immunology	\$102,039	\$108,581	\$95,865	\$88,692
Pathology	\$18,760	\$26,033	\$25,326	\$30,761
Pharmacology	\$56,734	\$58,862	\$59,090	\$63,772
Physiology & Biophysics	\$29,454	\$32,138	\$31,711	\$30,619
TOTAL MEDICINE	\$359,212	\$381,694	\$365,357	\$377,786
SCIENCE				
Biology	\$241,457	\$216,441	\$191,153	\$202,422
Chemistry	\$163,816	\$156,778	\$156,937	\$143,565
Earth Sciences	\$58,662	\$56,730	\$51,384	\$62,107
Economics	\$47,809	\$57,847	\$61,278	\$64,022
Mathematics	\$70,226	\$73,331	\$88,665	\$111,432
Oceanography	\$58,854	\$54,433	\$61,546	\$77,737
Physics	\$116,480	\$125,034	\$125,527	\$131,922
Psychology	\$193,549	\$181,789	\$184,431	\$192,545
Statistics	\$26,548	\$23,688	\$32,450	\$31,960
TOTAL SCIENCE	\$977,401	\$946,071	\$953,371	\$1,017,712
MULTIFACULTY/FGS				
Biomedical Engineering	\$43,790	\$69,332	\$65,966	\$66,297
Electronic Commerce	\$25,000	\$7,400	\$10,925	\$16,700
Health Informatics	\$9,000	\$11,000	\$10,925	\$7,700
Interdisciplinary PhD	\$165,101	\$154,131	\$145,805	\$125,644
TOTAL MULTIFACULTY/FGS	\$242,891	\$241,863	\$233,621	\$216,341
Total	\$3,442,465	\$3,134,024	\$3,263,175	\$3,376,578

FGS Student Research Grant & Conference Travel Funding

FGS grants are awarded to support, or support in part, research and conference travel for students who do not have other sources of support for these important aspects of their graduate program. Both grants are available only to full-time students in thesis programs. In past years, research grants were awarded only in SSHRC-based disciplines. This is no longer the case since the award is now based on need and absence of other forms of support. Note however that virtually all research grants are still awarded to students in disciplines other than the natural and medical sciences and engineering. Detailed guidelines and application forms for research and conference travel grants are available on the FGS web site. Students are required to submit a signed application to FGS together with supporting letters from their supervisor and department, unit or program.

Currently the maximum awards for conference travel grants and research grants is \$400 with research grants only available to doctoral students. Each award is assessed based on need as explained in the application's budget submission, and the maximum amount is not necessarily awarded. Research and conference travel grants are funded out of the FGS administrative budget, a budget that is subject to the annual budget cuts experienced by all faculties. We are working to keep as much money for students as possible in this envelope.

FGS Research Grant and Conference Travel Grant funding summary ¹

	2008-09		2009-10		2010-11		2011-12		2012-13	
	Awards	\$ Total	Awards	\$ Total	Awards	\$ Total	Awards	Awards	Awards	\$ Total
Conference travel grants	140	100,432	165	109,658	149	81,616	156	59,273	123	48,406
Research grants	48	37,394	31	25,446	20	14,671	5	1,046	3	1,200
Total		137,826		145,104		96,287		60,319		49,606

¹ Total expenses are for the fiscal year period April 1 - March 31.

Final Report on the 2012 Dalhousie University Killam Lectures: “Novel Insights into the Future of Human Health”

Theme

The 2011-2012 Killam Lectures follow the overall theme of Research and the Future of Healthcare, which is a central theme of a number of initiatives within the Faculty of Medicine. The focus of the Killam series recognizes that medical research has a dramatic impact on the evolving directions for healthcare, a consideration when embarking on any new research endeavour.

The Lectures

Why discovering medicines without patenting makes scientific and economic sense –
Wednesday, October 10th, 2012

Dr. Aled Edwards, Chief Executive, Structural Genomics Consortium

Aled Edwards founded and leads the Structural Genomics Consortium (SGC), a public-private partnership formed in 2004 to promote the development of new medicines without filing for patents. With funding from the Ontario and Canadian governments, the Wellcome Trust, a UK charity and seven of the world's largest pharmaceutical companies, the SGC generates scientific reagents and makes them available to anyone with no strings attached. These research tools have been used to initiate new drug discovery projects in academia and in industry, in diseases such as cancer, contraception, inflammation and neglected diseases.

Aled received his PhD from McGill University and did his post-doctoral research at Stanford University with Roger Kornberg. Dr. Edwards holds the Banbury Chair of Medical Research at the University of Toronto and is Visiting Professor of Chemical Biology and the University of Oxford.

Molecular Pharmacology of Cardiac Ion Channels: Disease-Associated Mutations and Patient-Specific Genetics – Monday, October 15th, 2012

Dr. Robert Kass, Vice Dean of Research, Alumni & Hosack Professor of Pharmacology and Chair, Columbia University Medical Center

Robert S. Kass, Ph.D. obtained his B.Sc. in Physics from the University of Illinois (1968) and his Ph.D. in Physics from the University of Michigan (1972). Following postdoctoral training at Michigan (Physiology), the Marine Biology Laboratory, Woods Hole, MA, and the Department of Physiology at Yale University in the laboratory of Richard W. Tsien, Dr. Kass joined the faculty of the Department of Physiology at the University of Rochester as an Assistant Professor in 1977 where he was awarded an NIH Career Development Award. At the University of Rochester he was promoted to Professor of Physiology in 1988 and Professor of Physiology and Pediatrics in 1990.

During a sabbatical leave of absence, Dr. Kass studied with Professor Bert Sakmann at the Max Planck Institute, Heidelberg, Germany (1989-90) where he carried out experimental work on recombinant ligand-gated ion channels. He was recruited from the University of Rochester and appointed Chairman of the Department of Pharmacology of Columbia University in 1996. In 1997, he was appointed to the Center for Neurobiology & Behavior and in 1999, was named the David Hosack Professor of Pharmacology. In 2005 he was named Columbia University Alumni Professor; and in 2008 he was appointed Vice Dean for Research at CUMC. Dr. Kass is a member of Phi Eta Sigma and Phi Beta Kappa honorary societies.

Canadian geneticists collaborate to help children with rare diseases– Wednesday, October 24th, 2012

Dr. Kym Boycott, Associate Professor, Dept of Pediatrics, University of Ottawa

Kym Boycott is a Neurogeneticist at the Children’s Hospital of Eastern Ontario (CHEO) and Investigator at the CHEO Research Institute. She is an Associate Professor and holds a Faculty of Medicine Research Chair in Neurogenetics at the University of Ottawa. She completed her PhD, MD and FRCPC training in Medical Genetics at the University of Calgary. She is the recipient of the Canadian Institutes of Health Research Clinical Investigatorship Award from the Institute of Genetics, the SickKids Foundation Young Investigator Award and the Basil O’Connor March of Dimes Young Investigator Award. Her current research is focused on the identification of genes and molecular pathways for rare disorders and she is the Lead Investigator of the Genome Canada, CIHR funded ‘Finding of Rare Disease Genes in Canada’ (FORGE Canada) initiative.

Ageing and its curious connection with disease – Friday, October 26th, 2012

Professor Tom Kirkwood CBE FMedSci, Associate Dean for Ageing & Director
Newcastle Initiative on Changing Age, Campus for Ageing and Vitality,
Newcastle University

Tom Kirkwood is Professor of Medicine and Associate Dean for Ageing at Newcastle University, having previously been Director of the Institute for Ageing and Health from 2004-2011. Educated in biology and mathematics at Cambridge and Oxford, he worked at the National Institute for Medical Research, where he formed and led a new research division, until in 1993 he became Professor of Biological Gerontology at the University of Manchester. His research is focused on the basic science of ageing and on understanding how genes as well as non-genetic factors, such as nutrition, influence longevity and health in old age. He is a Fellow of the Academy of Medical Sciences and an NIHR Senior Investigator.

Professor Kirkwood was European President (Biology) of the International Association of Geriatrics and Gerontology, chaired the UK Foresight Task Force on ‘Healthcare and Older People’ in 1995, led the project on ‘Mental Capital Through Life’ within the recent Foresight program on Mental Capital and Well-Being, was Specialist Adviser to the House of Lords Science & Technology Select Committee inquiry into ‘Ageing: Scientific Aspects’ and has served on the Councils of the Biotechnology and Biological Sciences Research Council (BBSRC) and of the Academy of Medical Sciences. He is an Editor of *Mechanisms of Ageing and Development* and serves on the editorial boards of eight other journals. He has published more than 300 scientific papers and won several international prizes for his research. His books include the award-winning ‘*Time of Our Lives: The Science of Human Ageing*’, ‘*Chance, Development and Ageing*’ (with Caleb Finch) and ‘*The End of Age*’ based on his BBC Reith Lectures in 2001.

Lectures, Seminars & Other Activities

Visiting speakers met with faculty members in their specialties while in Halifax and audiences of 100-200 people attending each lecture. Those who attended were keenly interested in the topic and there was significant discussion at each lecture.

These lectures will be publicized through:

- Dal’s Notice Digest
- DalMedix
- DalNews
- Posters across campus
- press releases to all media
- The Coast and

- The Metro
- Chronicle Herald

Receptions were held after each lecture to allow an informal conversation to continue and we plan to have attendance from students, faculty and members of the general public.

The Killam Trusts were represented in introductory remarks by Dr. Dieter Pelzer (Associate Dean), Faculty of Graduate Studies.

Context

The 2011-2012 Killam lectures will be offered during a month that has other high profile lectures, such as the 2012 Gairdner Winners and the Picchione Lecture Series. This timing allows the Killam lectures to be promoted at these events and will complement these other high-caliber talks.

Budget & Implications

Budget allows for four lectures, including honoraria, travel and incidentals. The honoraria will be paid at a level of \$1000.00 based on the availability of funds. Minimal funds will be spent on the reception refreshments.

Committee

All are members within the Faculty of Medicine

Dr. Gerry Johnston, Associate Dean (Research), Faculty of Medicine
Dr. Rob Brownstone, Assistant Dean (Research – Clinical Departments), Faculty of Medicine
Dr. Chris McMaster, Carnegie and Rockefeller Professor and Head, Dept. of Pharmacology
Terrilyn Chiasson, Program Manager, Integrated Health Research Training Partnership

Respectfully submitted on behalf of the committee by:

Dr. Gerry Johnston
Associate Dean (Research), Faculty of Medicine
21 August 2012

Academic Appeals Committee Annual Report 2012-2013

Membership 2012-2013

Name	Department	Term End
Richard Nason	Business Administration	2013
Richard Singer	Biochemistry & Molecular Biology	2013
Alexander Treiger	Classics	2013
3 vacancies		
	DAGS Rep	2013

Reserve Panel: Members of FGS Faculty Council

In its June 2003 meeting Faculty Council approved the composition of the FGS Academic Appeals Committee of six members and a Reserve Panel consisting of the members of Faculty Council (FC 02/03.82). The six members are elected on a rotating basis, normally for a three-year term. For individual appeal cases, an Appeal Committee of four members (including a graduate student representative) is selected from the Academic Appeals Committee, and when necessary, with members drawn from the Reserve Panel.

Since May 2012, the Academic Appeals Committee received three appeals. One was returned for hearing at the departmental or line faculty level. Two appeals resulted in subsequent hearings.

I would like to express my gratitude to the members of the Academic Appeals Committee for their efforts in resolving often complex questions of student rights, jurisdiction and regulation.

Submitted May 9, 2013
Bernard Boudreau, Dean FGS

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