

**Faculty of Graduate Studies  
Annual Report  
2008**



**DALHOUSIE  
UNIVERSITY**

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*Inspiring Minds*

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## **Dean's Report**

FGS remains committed to providing the best possible service to graduate students and graduate programs.

Working within the context of the Strategic Plan developed last year, the following initiatives have been taken over this past year. Our focus for the coming year remains on improving graduate student funding, graduate recruitment, professional skills development, postdoctoral fellows, and quality assurance.

- **Funding.** The Vice President Academic's Task Force on Graduate Student Funding was completed in the fall of 2007. This report highlighted the need for improving graduate student funding and provided a number of recommendations for reaching this goal. The Presidents Awards, for new PhD students, were announced. These awards cover the tuition of new PhD students who have NSERC, CIHR, SSHRC and Killam awards.
- **Postdoctoral Fellows.** In September 2007, FGS assumed responsibility for postdoctoral fellows on campus. The responsibility for developing policy and programs is in the portfolio of Associate Dean Marche.
- **Program Quality Assurance.** In September 2007, a new Associate Dean, Dr. Dieter Pelzer, was appointed. His portfolio includes scholarships as well as program quality assurance including reviews for new and existing programs as well as curriculum matters.
- **Recruitment.** The FGS recruitment team, headed by Wendy Fletcher, has developed a recruiting platform and material for both national and international markets as well as making presentations at a variety of recruitment events.
- **Outreach.** FGS staff organized short sessions for graduate coordinators and for thesis students that have been very well attended by an estimated 30 staff members and 300 students.
- The Associate Deans and I continue to contribute to the Deans' Blog, a weekly discussion of topics related to graduate students. The response has been enthusiastic and we will continue to connect in this informal manner. If you have not been, take a look at [www.dalgrad.dal.ca/deansblog](http://www.dalgrad.dal.ca/deansblog).

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

Over the past year there have been a number of changes in personnel and responsibilities within the FGS office. Stephanie Theriault, the Thesis Clerk, returned from maternity leave. Heather Nowlan has replaced Barb Baker as Admissions and Convocation Officer. Judie Pepper has replaced Heather in the role of Scholarship Clerk. Kathy Drew has taken on the new role as Graduate Student and Admissions Clerk, and Elizabeth Price support for IDPhD program and postdoctoral fellows. Dieter Pelzer has joined us as Associate Dean and is responsible for scholarships and academic programs.

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 have once again "punched above their weight" in providing service to all constituents and engaging in new initiatives and their dedication is

impressive and greatly appreciated. Our student assistants, Lisa Loughead, Matt Bruce, Danielle Johnson and Kathryn Francis, have been terrific all year and continue to contribute in a wide range of essential activities.

We also greatly appreciate the many, 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 panels over the year. Clearly, the objectives of FGS could not be met without their effort.

May 8, 2008

Carolyn Watters, Dean  
Faculty of Graduate Studies

**This report covers the period of May 1, 2007 to April 30, 2008.**

## 1. Enrolment

Graduate students represent approximately 20% of the total Dalhousie student population. This reflects the research intensive nature of Dalhousie. The December 1 “headcounts” since 2000, reported in table below show the remarkable changes in total enrolment over the last 8 years. The strong growth in graduate enrolments experienced between 2000 and 2002 slowed down and stabilized from 2003. Both full time and part time enrolments decreased at approximately the same rate. Overall, graduate enrolment remained steady last year.

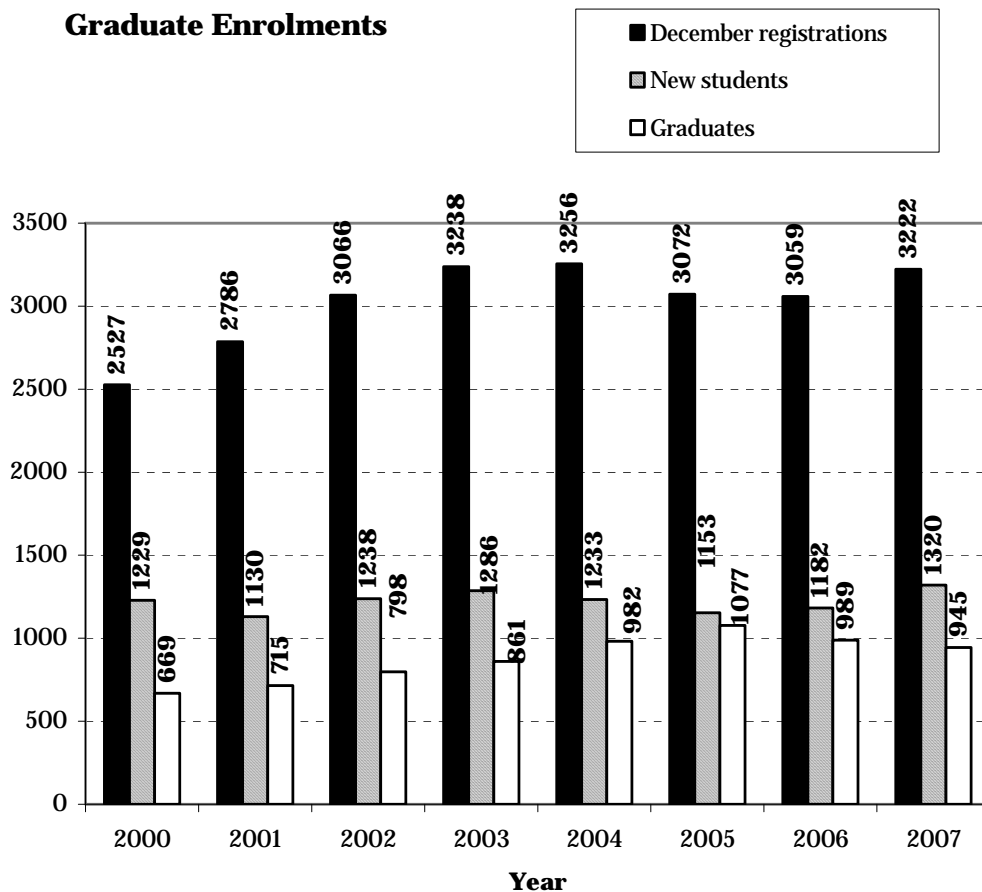
### Graduate enrolments 2000-2007 (December 1 “headcounts”) <sup>1</sup>

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
<b>2007</b>	<b>2396</b>	<b>826</b>	<b>3222</b>	<b>5.3%</b>	<b>2671</b>	<b>412</b>

*1. Exclusive of medical post-graduate residents*

These numbers do not reflect the details for individual faculties and programs. While the international student enrolment remained steady last year, there can be little doubt that these fees on top of high tuition are an important factor in recruitment of these students.

### Graduate Enrolments



### Enrolments by faculty and category

For the 2007-2008 academic year, there were 1320 newly registered graduate students starting in the fall term and another 189 started in the winter term, with 945 students graduating (May and Oct 2007).

In 2007-2008 the decline in computer science, engineering and management enrolment continued on the whole while entering classes are stabilizing. Graduate enrolments in these three faculties are subject to cyclic market-driven variations and this year saw reversals in the decline.

This year we continued to feel the effect of the shifting of licensing requirements for Occupational Therapy and Physical Therapy from the Bachelor to the Masters credential. This resulted in an increase of another 90 students into the Faculty of Graduate Studies.

Doctoral programs continue to attract high quality students with a number of disciplines having put more emphasis on their doctoral programs.

## **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 and Teaching Assistantships, etc. In 2007-08, financial support from all sources, internal and external, to Dalhousie graduate students exceeded 19 million dollars.

The organization of various external scholarship competitions, the allocation of internal scholarship funds, and the administration of the 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 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 a special account for scholarships and bursaries based on registrations and tuition income. The total of the FGS scholarship allocations to 56 graduate units or programs for 2007-08 was \$3,303,795.

This year we are happy to report two new awards. The President's Awards are granted to new PhD students at the highest level, those with NSERC, CIHR, SSHRC, and Killam scholarships. We also are able to offer 2 new Vitamin Scholarships for graduate students working in the area of vitamin research.

The total FGS scholarship funds available, varies 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 2007-08 as well as the trend in FGS scholarship allocations in recent years. In addition, we provide a table that compares the allocation of FGS scholarships by Faculty and by FT student enrolment in each faculty.

The suggested minimum "full funding" levels remained at \$15,000 (master's level) and \$17,500 (PhD level). These are the levels of the minimum expected funding packages for full-time graduate students including funding from all sources including Teaching Assistantships. For Killam Scholarships, the award is now \$20,000 for master's students (two years support) and \$25,000 for PhD students (two or three years support). The Eliza Ritchie Scholarship is set at \$24,000, the James Robinson Johnston scholarship at \$15,000 (master's level) and \$19,000 (doctoral level), also renewable for one year (master's program) or two years (doctoral program). The Nova Scotia Black and First Nations Entrance scholarship is valued at \$15,000 and is renewable for one year.

## Funding sources for Dalhousie graduate students, 2007-2008 <sup>1</sup>

### Funding from Dalhousie University Sources

FGS Scholarships	\$ 3,465,795.00
<i>includes:</i> Departmental allocations, Eliza Ritchie Scholarship, James Robinson Johnston Scholarship, Nova Scotia Black and First Nations Graduate Entrance Scholarship, The Vitamin Scholarship	
Bursaries	13,643.00
Research Assistantships/Demonstrators	629,644.66
Departmental Funding	566,049.16
Killam Scholarships	921,300.99
President's Awards	330,680.00
Other Internal:	296,263.00
<i>Includes:</i> Bruce & Dorothy Rosetti Scholarship, Department of Surgery, Dover Mills, Glengarry Bursary, International Bursary, Kirkpatrick Scholarship, Mable Goudge, Northstar Trade Fellowship, Reid Scholarship, Special Purpose fund, Walter B Green Bursary	
<b>Total internal sources:</b>	<b>\$ 5,892,695.81</b>

### Funding from sources external to Dalhousie University

SSHRC	\$ 1,495,833.33
NSERC	2,393,290.95
Faculty Research Grants	7,337,323.90
CIHR	552,546.00
NSHRF	1,068,278.25
Sumner	66,000.00
Other External:	900,376.06
<i>Includes:</i> Alumni Research Excellence Award, AMGGI (MUN), APENS, Atlantic Aboriginal Health Research Program, Belle Crowe, Canada Space Agency, Canadian Commonwealth Scholarship, CIHR PHARE, CIHR-Port Award, C.I.H.R. Training Program in Health Law & Policy, CONACYT, CRTP Studentship, Doug Hogue Award, European Union Centre of Excellence, Exxon Mobile, George Loh Scholarship, Hebb Prize, H.U.G.S Fellowship, Isabel Jackson Scholarship, IWK Grad Studentship, Lew King Scholarship, Lydon Memorial Scholarship, Malhotra, Medjuck, Meyerhof, Molly Neuroscience Traineeship, Multiple Sclerosis Society of Canada, Ojars Biskaps Award, Ontario HIV Treatment Network, Patrick Lett Bursary, Pengrowth Scholarship, Saudi Arabia, Stanfield Scholarship, Steel Structures Education Foundation, Trudeau Scholarship, Walter B Green Bursary, Women's Health in Rural Communities Research Group	
<b>Total external sources</b>	<b>\$ 13,813,648.49</b>

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**Total all sources** **\$ 19,706,344.30**

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1. The TA/RA/Demonstrator totals cover the period May 1, 2007-April 20, 2008; all other amounts are for the academic year September 1, 2007 - August 31, 2008; obviously some minor changes may still occur in the coming three months.



The total funding for graduate students from all sources has decreased from \$21,405,123 in the 2006-07 academic year to \$19,706,344.30 in 2007-08 because we no longer report TA income. The major contributors to the overall increase in graduate student funding have been external sources such as the granting councils (especially through the addition of the CGS awards) and, notably, supervisor research grants.

During the 2007-08 academic year a total of 1370 graduate students received scholarships or other funding administered by FGS (of all kinds combined, but not including payments by external or foreign agencies directly to students). This translated into an average funding level of \$15,760 per student receiving funding of any kind administered through the university. It should be recognized that this average of course hides a very large range of funding levels and students, especially at the Masters level who have no funding.

The *Nova Scotia Black and First Nations Graduate Entrance Scholarship* is intended specifically to encourage African Canadian and First Nations students graduating from Dalhousie undergraduate programs to enter one of our a graduate programs. The long-term objective of these 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.

The three national granting councils, NSERC, CIHR, and SSHRC, have different competition rules and different quota systems for the CGS-M and CGS-D scholarships. NSERC awards CGS scholarships to the highest-ranking applications in the national PGS-M and PGS-D competitions. SSHRC follows this procedure for the CGS-D awards, but since there are no SSHRC scholarships at the master's level, they award a CGS-M quota to each university, and confirm the awards to all students nominated who pass national eligibility criteria.

The award statistics for scholarships from the three granting councils to Dalhousie students for 2006, 2007, and 2008, are presented in the next table. Note that the numbers in the last column are for the 2008 competition, i.e., for students taking up their awards in the 2008-09 academic year. We cannot yet report the number of awards for 2008-2009, because some Dalhousie students take up their awards at other universities and a number of students from elsewhere bring their award to Dalhousie, which accounts for the difference between new awards to Dalhousie and new awards held. Also not included are the new CIHR CGS-M awards, as these have not yet been announced.

**National granting council scholarships awarded and held, 2006-2009**

		<b>2006<sup>1</sup></b>	<b>2007<sup>1</sup></b>	<b>2008<sup>2</sup></b>
<b>NSERC</b>	Master's Nominations (CGS-M, PGS-M)	42	39	39
	Master's Awards CGS-M	13	18	16
	PGS-M	12	16	14
	Doctoral Nominations (CGS-D, PGS-D)	41	39	49
	Doctoral Awards CGS-D	10	5	13
	PGS-D	11	21	21
	<b>NSERC New awards to Dalhousie</b>	<b>51</b>	<b>49</b>	<b>64</b>
	<b>NSERC Total new awards held</b>	53	69	
	<b>NSERC Awards total held all years</b>	250	309	
<b>SSHRC</b>	Master's Nominations (CGS-M)	18	19	21
	Master's Awards CGS-M	18	19	21
	Doctoral Nominations	25	26	29
	Doctoral Awards CGS-D	6	6	4
	SSHRC-D	7	9	9
	<b>SSHRC New awards to Dalhousie</b>	<b>31</b>	<b>34</b>	<b>34</b>
	<b>SSHRC Total new awards held</b>	33	36	
	<b>SSHRC Awards total held all years</b>	130	166	
<b>CIHR</b>	Master's Nominations	8	7	7
	Master's Awards CGS-M	2	7	
	CGS-D/Doctoral	5	2/0	1/1
	<b>CIHR New awards to Dalhousie</b>	<b>7</b>	<b>9</b>	
	<b>CIHR Total new awards held</b>	15	21	
	<b>CIHR Awards total held all years</b>	30	51	
	<b>Total Tri-Council new awards</b>	<b>101</b>	<b>126</b>	
	<b>Total Tri-Council awards held (all years)</b>	<b>503</b>	<b>629</b>	

1. 2006 and 2007 awards include SSHRC and CIHR scholarships awarded later in the year and "Total new awards held" includes students bringing NSERC, SSHRC, CIHR awards to Dalhousie from other universities
2. For awards in 2008 initial awards (April 2008) only

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 two 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. Eight Dalhousie graduate students held NSERC IPS awards during all or part of the 2006-07 academic year. Our experience with IPS scholarships has been very positive. Applications are accepted and considered by NSERC staff at any time. Once the full application is received by NSERC, the decision usually is within 6-8 weeks, and the award can be made retroactively to the beginning of the academic term if needed. The 100% success rate (still!) for Dalhousie IPS applications easily compensates for the significant administrative tasks associated with each individual award.

FGS has the important responsibility of informing students, departments and faculty members of the wide variety of rules, regulations, deadlines, etc., of organizing the needed competitions, and of preparing the nomination files for submission to the granting councils. Numerous new regulations such as the time restrictions for holding CGS-M awards, and, in the case of NSERC, for converting the CGS-M award to a PGS-M in the second year, 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 a graduate unit within FGS, and reporting directly to FGS. The Associate Dean of FGS, Sunny Marche, is Director for the IDPhD program and works with a Coordinator, Jack Duffy, who chairs the IDPhD Committee, which considers applications for admission and advises on academic and administrative matters for the program. The revitalized and redesigned program has grown substantially, indicating both a strong demand and a growing interest by faculty members to participate in the program, even with its very stringent requirements of interdisciplinarity in courses and comprehensive examinations and multi-discipline representation on the student's supervisory committee. Enrolment has grown from 14 in 2002 to 72 in December 2007.

### **4. FGS administration and regulations**

University, faculty, and departmental regulations relating to graduate students are summarized in the Graduate Calendar. Section III of the Governance Manual of FGS is now largely identical to the Graduate Calendar, and this section contains most of the rules FGS is asked to administer. Section IV describes specific regulations and procedures related to academic reviews, scholarship finances, thesis submission, etc. Both the Graduate Calendar and the Governance Manual are available online, in addition the FGS web site presents all regulations and procedures in easily accessible summary form. As a result, the FGS web site ([www.dalgrad.dal.ca](http://www.dalgrad.dal.ca)) easily has become our most important means of communication and method of transmission of new information. It certainly 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 starting in January 2008 graduate students can apply

online. 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 therefore current at the time of the mailing.

Faculty Council discussed and approved a number of policy and regulation changes this year including the use of Withdraw for graduate students effective, September 2008.

Under the guidance of Associate Dean Marche, a process has been completed to set up a system for electronic thesis submission. The target date for electronic thesis submission to FGS, format checking, submission to the University library and to the National Library is January 2009.

## **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 2008 Killam scholarship competition, which was once again particularly intense, are reported in detail separately later in this report. FGS also is responsible for the organization of the Dorothy J. Killam Lecture Series funded from the Killam Residue Fund.

The Faculty of Graduate Studies, 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.

For the 2007-2008 academic year, the Killam Scholarship Committee received 96 nominations and awarded 49 new and 54 renewal scholarships.

For the 2008-09 academic year the committee has awarded 33 new scholarships and 68 renewals. Thirteen new applications were placed on a waiting list. While it is not impossible that some further new awards will still be made, the necessary increase in scholarship award amounts have resulted in an increased overall cost. This increase has to be accommodated within an allocation of endowment funds that has actually decreased slightly since 2001 and is expected to start increasing modestly again only in 2009. Still, the number of predoctoral scholarships has not decreased, largely because more of the awards are "honorary", i.e., as a "top-up" for students receiving major external scholarships. Of the 33 students awarded new scholarships in 2008, 26 have received external scholarships, and thus become honorary Killam Scholars. Of the 68 renewal Killam Scholars, 37 hold major external awards. It is in a way disappointing that only 5 new awards are to international students. Of the renewals, 6 are international students, again a number lower than would have been the case a few years ago. The Killam Scholarship Committee has discussed the difficulty of comparing transcripts and records internationally and across disciplines, and undoubtedly will continue such discussions of the selection criteria.

This year the budget allowed for the award of five Killam Postdoctoral Fellowships. The Committee has an exceedingly difficult task in selecting the winning candidates from among a very strong field of applicants

representing widely different disciplines. With five initial awards and a waiting list of 8, 2 of the initial award winners declined, and the first two candidates on the waiting list subsequently accepted. This high acceptance rate may be an indication of the high value placed on the Killam Postdoctoral Fellowships, and it may also be influenced by publicity around Dalhousie's very high ranking as an institution providing a high quality and fostering environment for postdoctoral research and researchers. The Killam Postdoctoral Fellowship stipend amount is \$44,000 plus \$3,000 for research and \$1,000 for travel.

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 2007 Killam Lecture Series starting in November 2007 was in the area of resilient communities. The organizing committee was headed by Dr. Jill Grant of the School of Planning. The theme for the 2008 Lecture Series will be on Africa in the 21<sup>st</sup> Century organized by the Faculty of Arts and Social Sciences.

FGS hosted the Killam Dinner in conjunction with the annual visit by the Killam Trustees on October 15, 2007. While definitely more traditional than the parties some of our scholarship holders may have attended the previous evening, the more than 245 guests enjoyed a very lively reception and dinner in the McInnis Room of the Student Union, highlighted by the after-dinner presentation of Dr. Clint Kelly, Killam Postdoctoral Fellow in the Department of Psychology. Special guests included Managing Trustee George Cooper, and Trustees John Matthews, Ann McCaig and John Montalbano. The evening was opened by President Traves, who welcomed the guests for whom the dinner is organized, our Killam Scholars and Fellows.

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, Deans of Graduate Studies and Science, and a number of other university administrators. The committee meets at least once 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 will be 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. Students**

The convocation lists for the 2007 May and October convocations combined included 836 master's degrees, 102 PhD and JSD degrees, and 7 diplomas awarded, for a total of 945 graduates. This is compared to a total of 798 in 2002, 861 in 2003, 982 in 2004, 1077 in 2005, 989 in 2006 and 945 in 2007.

Our Faculty recommends awards for a number of internal and external competitions, including the Governor General's Gold Medal Awards (2), the Faculty of Graduate Studies Doctoral Thesis Awards (2),

the NSERC Doctoral Prizes (2 nominations to NSERC), nominations for the North Eastern Association of Graduate Schools (NAGS) master's 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, and in many cases just the nomination by the department or by the university already 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 2007 Gold Medals were presented at the May 2007 convocation to Vincent Chevrier, an MSc graduate of the Physics program in the Department of Physics and Atmospheric Science, and to Gillman Payette, an MA graduate in the Department of Philosophy. These exceptional students were selected from 9 departmental nomination files, representing a master's level graduating class of 836 students. The citations for Mr. Chevrier and Mr. Payette in part read as follows.

***Vincent Chevrier***

*The Governor General's Gold Medal in the Natural Sciences and Engineering for 2007 is awarded to Vincent Chevrier. Vincent Chevrier graduated with the degree Master of Science in Physics in the October 2006 convocation. The title of his Master's thesis is; "Production, Characterization and Visualization of Quaternary Combinatorial Thin Films."*

*In his Master's thesis, Vincent Chevrier focused on the development of quaternaries, 4-component libraries, especially on how to visualize the compositions and their screened properties. His thesis work "represents the first time that quaternary libraries of materials have been prepared and studied in Canada." Researchers are now using this work to screen protein adsorption on quaternary libraries of biomaterials "for the first time in the world."*

***Gillman Payette***

*The Governor General's Gold Medal in the Humanities and Social Sciences for 2007 is awarded to Gillman Payette. Gillman Payette graduates with the degree Master of Arts in Philosophy in the May 2007 convocation. The title of his Master's thesis is; "Pluralistic Algebraic Paraconsistency: A Study in Universal Logic."*

*In his Master's thesis, Gillman Payette presented important work in paraconsistent logic, an area of philosophical logic. In his thesis work on universal logic he has "discovered other areas of interest, areas which had been entirely missed by all of the earlier workers." Two important research papers and two essays have been published from this thesis work already.*

The winners of the 2008 Governor General's Gold Medals, selected from 8 nominations, will be announced at this meeting.

The Dalhousie University Doctoral Thesis Awards were established in 2004, and the first awards were presented at the May 2004 convocation. For 2007 the Faculty of Graduate Studies Doctoral Thesis Awards were presented to Dr. Ana Minerva Arce Ibaara of the Interdisciplinary PhD program for the category humanities and social sciences, and Dr. Felix Hanke of the Department of Physics and Atmospheric Science for the category natural and medical sciences and engineering. Selection of these awards is for excellence of the doctoral thesis only, largely as based on the report on the thesis by the External Examiner, and the nomination and thesis abstract. The citations for these two scholars in part read as follows.

***Ana Minerva Arce Ibaara***

*The Dalhousie University Doctoral Thesis Award in the Humanities and Social Sciences for 2007 is awarded to Ana Minerva Arce Ibarra. Dr. Arce Ibarra graduates with the degree Doctor of Philosophy, Interdisciplinary Studies in the May 2007 convocation. The title of her Doctoral Thesis is: "Livelihoods, Aquatic Resources and Non-Monetary Values of Local Natural Resources in Mexico's Lowland Maya Area."*

*In her Doctoral thesis, Dr. Arce Ibarra addresses several important issues related to the management of natural resources in the state of Quintana Roo, Yucatan, Mexico. With a long-term experience in biological research in the area and supported by numerous fellowships and research grants, Dr. Arce Ibarra completed her PhD in our interdisciplinary program in order to improve her understanding of livelihoods at work in various communities of interest.*

***Felix Hanke***

*The Dalhousie University Doctoral Thesis Award for "the University's most outstanding doctoral thesis" in the Natural and Medical Sciences and Engineering for 2007 is awarded to Felix Hanke. Dr. Hanke graduated with the degree Doctor of Philosophy in Physics in the May 2007 convocation. The title of his thesis is: "The Mechanical Response of Macromolecules In and Out of Equilibrium."*

*In his Doctoral thesis, Dr. Hanke addressed several problems including interpreting experiments on the stretching of complex molecules such as Dextran, the application of statistical mechanics to the study of nonequilibrium effects in the mechanical response of polymers, the phenomenon of breaking chemical bonds at the microscopic level and the future work that can be tackled now that the groundwork has been laid.*

The winners of the 2008 FGS Doctoral Thesis awards will be announced at this 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** (submitted September 2007)

Natural Science category:

Dr. Noreen Kelly, Department of Oceanography, PhD awarded October 2007, for her thesis "Early life-history ecology of deep-sea hydrothermal vent invertebrates on the Juan de Fuca Ridge".

Engineering and Computer Science category:

Dr. Shabbir Mustafiz, Department of Civil and Resource Engineering, PhD awarded May 2007, for his thesis "Modeling Certain Complex Phenomenon that Occur Within Reservoir Fluid Movements".

**CAGS Distinguished Doctoral Dissertation Award** (submitted March 2008)

Engineering, Medical and Natural Sciences category:

Dr. Noreen Kelly, Department of Oceanography, PhD awarded October 2007, for her thesis "Early life-history ecology of deep-sea hydrothermal vent invertebrates on the Juan de Fuca Ridge".

**NAGS Master's Thesis Award, 2007 -2008**

Category Arts and Humanities for the three-year period 2005-2008 (submitted January and awarded in April 2008).

No applications were submitted to FGS for this award.

**NAGS Doctoral Thesis Award, 2007-2008**

Category Social Sciences and Education for the five-year period 2003 – 2008 (submitted January and awarded in April 2008)

No applications were submitted to FGS for this award.

Of course these external award competitions are highly selective. CAGS represents more than 50 Canadian universities, NAGS more than 100 American and Canadian institutions. It is nevertheless 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.

Dalhousie's graduate programs can also be recognized for their ability to attract excellent students. CGS-Doctoral Scholarships are awarded based on a national ranking of the top applicants in the CIHR, NSERC and SSHRC doctoral scholarship competition. CGS-M awards are determined in the national competition for NSERC; on the other hand SSHRC uses a nomination quota but delegates the selection to the university. With CGS-D awards in 2007 to 13 of our NSERC nominations, 4 of our SSHRC nominations, and 1 CIHR applicant, Dalhousie is very well represented in this award list. The success rate of our nominations in the 2007 SSHRC doctoral competition: 13 of 29 nominations were successful, 4 receiving a CGS-D awards and 9 a SSHRC Doctoral Scholarship. Also, all of our 21 SSHRC CGS-M nominations (plus 1 student nominated on the King's quota) were approved at the national level.

As noted in the table presented earlier, a number of our recent graduates from honours undergraduate programs will take up their national scholarship award at other universities, while in turn our graduate programs attract national scholarship holders from other universities. It is important to recognize that overall we attract more national scholarship holders than our students receive awards, indicating the



continued ability of our graduate programs to attract outstanding students from across the country. It should be noted however that in order to maintain this level of competitiveness in attracting students with national scholarships, departments and programs will have to recruit actively, and as a faculty and university we will have to be able to offer attractive scholarship top-ups as well as attractive programs.

Some other remarkable successes of our students merit mentioning. Elaine Craig (Law) was awarded the extremely prestigious Trudeau Scholarship in the 2007 competition. This doctoral scholarship, valued at up to \$50,000 per year for three or even four years is awarded by the Trudeau Foundation based on a national competition for students of international scholarship standing with areas of scholarly research in broadly defined areas of the humanities and social sciences. Each year fewer than 15 awards are made nationally, and Elaine joins Meredith Schwartz, Lilith Finkler, and Jay Batongbacal, former Trudeau Scholarship winners as four remarkable Dalhousie graduate students successful in this most selective national competition. In 2007, Dalhousie had two new MSc students, David Cyr (Microbiology) and Nancy Butcher (Psychology), as winners of NSERC's national Julie Payette award. Other achievements of our graduate students can from time-to-time be featured on the FGS web site. Departments are encouraged to report such special cases to FGS.

## **Associate Deans' Report**

Dr. Marche and Dr. Pelzer wish 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, we 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.

### **I. Scholarships and Programs (D. Pelzer)**

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During the 2007 - 2008 Academic Year, the Faculty was involved with the usual range of scholarship and curricular activities. Effective September 2007, Dr. Dieter Pelzer was appointed to the Associate Dean position for a five-year term.

#### **1. Scholarships**

The following section will outline all of the scholarship competitions and processes held during the 2007-08 Academic year. Committee members were elected or appointed to ensure fair and accurate disbursement of scholarship funds.

##### **FGS Departmental Scholarship Allocation**

Graduate Coordinators were asked to submit 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 2007-2008 was \$3,227,066, as compared to the 2006-2007 total of \$3,218,565.

By way of explanation, the First Round Allocation to each department or unit is based on an 80% return of the combined first and second round allocation of the preceding year. A department's Second Round Allocation is based upon the "points" accrued to the department as a reflection of the number of first class students admitted multiplied by the value of a point for the particular year. Points are assigned to first class students based on the degree program to which they were admitted; one point for each new master's degree student, two points for each student transferred into a doctoral program from an uncompleted master's program, and three points for each new doctoral student.

A total of 572 points were accrued by departments for the 2007-2008 allocation year, a slight increase over the 537 point total for 2006-2007. 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*

This year, renewal applications were divided up among Committee members, as a result of which each application was reviewed by two members of the Committee who, when questions arose, brought their concerns to the full committee for discussion. In total, 68 applications were submitted for review, 15 from students in master's programs and 53 from students in doctoral programs. The Committee 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 students accepted into their graduate programs but who are not yet at Dalhousie, and for students who have already begun their studies here but who do not hold Killam scholarships.

The Killam committee was broken down into a Master's committee and a PhD committee. 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 a meeting of the Committees held on March 12, 2008. In all, 85 nominations were received. From the ranked list, 33 new Killam scholarships were awarded, and 13 further names were placed on a wait list.

*Table 2 at the end of this section of the Report presents the results of this year's Killam competition.*

*Killam Trustees:* George Cooper, M. Ann McCaig, John Matthews, John Montalbano

*Killam Administrator:* Danielle Walsh

### **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 locale (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 Russell Boyd (Associate Vice-President, Research) and Dieter Pelzer (Associate Dean, FGS) reviewed seven applications for the open scholarship and three applications for the traveling scholarship. The Committee recommended that two applications in each of the open and traveling categories be forwarded to the University of British Columbia for consideration by the MacKenzie King Scholarship Selection Committee.

### **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 Carolyn Watters (Dean, FGS) and Dieter Pelzer (Associate Dean, FGS) met to review the applications of six applicants. The Committee recommended that a new Ritchie scholarship be awarded to one student, Constance Adsett (Computer Science). The Committee also recommended renewal of Ritchie Scholarships for Yuen Ying Carpenter (Chemistry), Jane Mason (Computer Science), Rhonda Dupuis (English), and Ami Harbin (Philosophy).

### **James Robinson Johnston Scholarship for African Canadians**

The James Robinson Johnston Scholarship 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).

A committee consisting of Dieter Pelzer (Associate Dean, FGS), Charlotte Loppie (Health and Human Performance) and Anthony Stewart (English) met to consider two renewal applications (no new applications were received). They recommended renewal of JRJ scholarships for Bryan Daniels (Anatomy) and Charlene Davis (English).

### **Nova Scotia Black and First Nations Graduate Entrance Scholarships**

The objective of the African Nova Scotian 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.

A committee consisting of Charlotte Loppie (Health and Human Performance), Anthony Stewart (English) and Dieter Pelzer (Associate Dean, FGS) met to review one application for a new award, and one application for a renewal. The committee recommended a new NSBFN be awarded to Gerald Gloade (SOSA) and the renewal application be renewed for Samantha Loppie (SOSA).

### **The Vitamin Scholarship**

The Vitamin Scholarship was enabled by an endowment created by the settlement of a court case, in which the companies 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 is renewable for one additional year at

the Doctoral level. The Award must be taken up upon commencing the first year of the degree program and is worth \$19,000 (Masters) and \$21,000 (Doctoral) (2007-2008) for a twelve-month academic year. The committee consisting of Sunny Marche and Dieter Pelzer (Associate Deans, FGS) met and approved 1 award in September and 1 award in February. The recipients are: Rani Ojah from Health and Human Performance and Felix Meier-Stephenson from Chemistry.

## **2. Social Sciences and Humanities Research Council (SSHRC) Fellowships Competition Committee**

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 Committee consisted of Louise Carbert (Political Science), Cynthia Neville (History), John Baxter (English) and Pauline Gardiner-Barber (SOSA). The SSHRC CGS Master's award committee comprised Kathryn Morris (King's College), Colleen Kiberd (Nursing), Wayne Hankey (Classics), and was chaired by Dieter Pelzer (Associate Dean, FGS).

A total of 44 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 8, 2008. The initial rank ordered list was discussed and two final, alphabetical lists – an "A" list consisting of applicants ranked in the top 26 positions, and a "B" list comprising all the rest – were prepared and sent forward. Thirteen of the top 29 applicants (45%) were funded, 4 with CGS-D scholarships and 9 with fellowships. This compared to 15 doctoral scholarships (6 CGS-D and 9 Fellowships) awarded last year.

For the Master's competition, much the same procedure was followed. The Committee met on January 23, 2008, to consider 32 applications for Master's scholarships from which a list of the top 21 names, accompanied by a wait list of 5 names, were prepared and sent forward to SSHRC. All those in the top 21 were awarded CGS-M scholarships. This compares with 19 such awards made last year.

## **3. Walter C. Sumner Memorial Fellowships for Doctoral Studies in Chemistry, Physics, Electrical Engineering or Computing Science Committee**

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 Jacek Ilow (Electrical Engineering), Jürgen Kreuzer (Physics and Atmospheric Science), Mark Stradiotto (Chemistry), and Dieter Pelzer (Associate Dean, FGS).

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.

The Committee considered 15 files for new awards and 6 files for renewal, compared to a total of 22 files for last year. Committee members ranked the applications prior to meeting. The ranked lists from each member were collated by FGS. The Committee had an e-mail discussion and decided not to meet as everyone agreed on the rank order. The files were then forwarded to the Foundation. At the time of this report final results of this competition were not received from the Sumner Foundation.

#### **4. Natural Sciences and Engineering Research Council (NSERC) Postgraduate Scholarships Competition Committee**

*Committee Membership:* Graham Gagnon (Civil Engineering), Jordan Kyriakidis (Physics), Steven Morris (Surgery), Younes Anini (Physiology and Biophysics), Helmuth Thomas (Oceanography), Mark Stradiotto (Chemistry), Catherine Too (Biochemistry and Molecular Biology), Dieter Pelzer (Associate Dean, FGS)

Two sub-committees were formed from among the members; both chaired by Dieter Pelzer. One established the ranking for the PGS-M, while the other, ranked applicants for the PGS-D. Each Committee member read and rated all the applications allocated to that committee (54 applications allocated to the PGS-M committee, 65 applications allocated to the PGS-D committee) before the final meetings at which ranked lists to be forwarded to NSERC were produced. A total of 88 applications (39 PGS-M, 49 PGS-D) were recommended for scholarships. Sixty-four scholarships were awarded by NSERC (compared to 60 for last year), 14 PGS-M, 21 PGS-D, 16 CGS-M, and 13 CGS-D.

#### **5. Canadian Institute of Health Research (CIHR) CGS–M Competition Committee**

The CIHR CGS-M committee consisted of Boris Kablar (Anatomy and Neurobiology), Susan Howlett (Pharmacology), Marilyn MacDonald (Nursing), and Craig McCormick (Microbiology and Immunology) and was chaired by Dieter Pelzer (Associate Dean, FGS). Committee members ranked 14 applications, and then met on January 25, 2008 to finalize the list. Of these, 7 applicants were sent forward to CIHR for consideration for awards.

FGS was not involved in coordinating the CIHR doctoral competition, although it is anticipated that it will be in the coming year. For information, one CIHR CGS-D and one CIHR Doctoral scholarships were awarded to Dalhousie students this year.

#### **6. Academic programs**

New graduate programs and major program modifications are reviewed by FGS, and 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, Parts 1 and 2 and approval by APCC and 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 and Faculty Council of FGS. Name changes and proposals to suspend/terminate a program also require approval by SAPBC/Senate, the Board, MPHEC, and AACHR (if it meets the criteria of a health or health-related program).

In 2007-08 the following new program proposals and program modifications were reviewed in FGS.

**New programs:**

- Master of Library and Information Studies/Master of Resource and Environmental Management. Approved by FGS, approved by Senate and the Board, awaiting approval by MPHEC.
- Master of Information Management. Approved by FGS, approved by Senate and the Board, awaiting approval by MPHEC.
- Master of Arts in Musicology (Internal and external reviews completed, awaiting approval by FGS)
- Master of Science in Genetic Counseling (under review)
- Master of Science in Pharmaceutical Sciences (under review)
- MSc/PhD in Agriculture (on hold)
- Master of Internetworking (on hold)

**Major program modifications:**

- Master of Science in Kinesiology. Approved by FGS, approved by Senate and the Board, awaiting approval by MPHEC.
- Master of Business Administration. Approved by FGS, awaiting approval by Senate.

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

- MSc and PhD in Chemistry. Minor modification. Approved by FGS
- MSc and PhD in Biochemistry and Molecular Biology. Degree name change from the previous MSc and PhD in Biochemistry approved by FGS, by Senate and the Board, and by MPHEC.
- MSc and PhD in Anatomy/Neurobiology. Degree name change from previous MSc and PhD in Anatomy approved by FGS and by Senate and the Board. Awaiting approval by MPHEC.
- MASc, MASc Co-op, MEng, MEng Co-op and PhD in Mineral Resource Engineering. Degree name change from previous MASc, MASc Co-op, MEng, MEng Co-op and PhD in Mining Engineering approved by FGS and by Senate and the Board. Awaiting approval by MPHEC.
- Master of Health Administration. Degree name change from Master of Health Services Administration approved by FGS. Awaiting approval by Senate and the Board and MPHEC.

**Program suspensions:**

- Master of International Health Services Administration

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 6-7 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 2007:**

- School of Biomedical Engineering (joint with multi-faculty Headship review): MSc and PhD programs
- Department of Economics (joint with the Faculty of Science): MA, MDE and PhD programs
- Department of Anatomy and Neurobiology (joint with the Faculty of Medicine, First-Term Survey): MSc and PhD programs
- Department of Physiology and Biophysics (joint with the Faculty of Medicine, First-Term Survey): MSc and PhD

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

- Department of Chemistry (joint with the Faculty of Science): MSc and PhD programs
- Department of German (joint with FASS): MA program
- Department of Classics (joint with FASS): MA program
- Department of Philosophy (joint with FASS): MA and PhD programs
- Department of Physics and Atmospheric Science (joint with the Faculty of Science): MSc and PhD programs
- Department of Oceanography (joint with the Faculty of Science): MSc and PhD programs

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.

## **7. 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 June 2007 and May 2008, APCC considered and approved the following:

New Classes.....	54
Cross Listings.....	14
Minor Changes* .....	21
Removals.....	31

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

## **II. Postdoctoral Fellows, Thesis Management, and Interdisciplinary PhD Program (S. Marche)**

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### **1. Postdoctoral Fellows—General**

Effective July 1, 2007, the Faculty of Graduate Studies is responsible for managing programs and general administration for Postdoctoral Fellows (PDFs) at Dalhousie University. There are a number of interesting complications related to this administrative area, beginning with a change in the national taxation regime related to academic fellowships. Prior to 2007, only the first \$3,000 of a fellowship was tax-free. Effective last year, the full fellowship for “academic” positions (contrasted with “research” ones) are tax-free.

The result was a need to develop policy around what the distinction might be between these two classifications, and how such distinctions are made evident in the offer letter made to prospective PDFs. This policy has been developed and passed by Faculty Council. We have also worked with individual Faculties to develop a sample offer letter as an exemplar of how they might proceed. This letter and our understanding of the policy and its implications have been shared with our colleagues at the IWK Hospital.

The registration process has identified 190 PDFs, 45 of whom are “academic” and 145 of whom are “research”.

We have also begun to develop and deliver a series of professional development sessions for PDFs. We expect that this effort may be extended to the broader graduate student population in the medium term. We have held five sessions for PDFs in the last year:

- Information session on PDF administration
- Introduction to professional development
- Building an effective *curriculum vitae*
- The management of research
- Project management for researchers

We plan to invite prospective employers to campus to meet with PDFs and our senior graduate students in the fall to describe career alternatives to an academic future.

Early in the New Year, we were pleased to welcome a new administrative assistant to help with the PDF and ID PhD aspects of the FGS portfolio of responsibilities. Ms. Elizabeth Clark has survived a substantial learning curve, and is already making a substantial contribution to the team.

## **2. The Killam Postdoctoral Fellowship Committee**

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

*Committee membership:* Philip Girard (Law), Daniel Labrie (Physics and Atmospheric Science), Todd McCallum (History), Steven Barnes (Neuroscience), Helmuth Thomas (Oceanography), Dean Irvine (English)

*Killam Trustees:* George Cooper, M. Ann McCaig, John Matthews, John Montalbano

*Killam Administrator:* Danielle Walsh

There were 34 applications submitted for this year's competition, 13 from women and 21 from men, put forward by 24 departments representing 8 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 which was held on March 3, 2008. 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 the following names to the Dean and Killam Trustees:

### *Initial Offers*

Alysia Kolentsis	English
Christopher Dobson	English
Tamaini Snaith	SRES
Robert Ronconi	Biology

### *Wait List*

Emma Varley	Bioethics
Dennis The	Math
Quinn Slobodian	History
Afra Foroud	Psychology
Peter Coffman	History
Konstanze Stubner	Earth Sciences
Simon Darnell	IDS
Trung Ngo	Electrical Eng

Two initial people (Alysia Kolentsis and Tamaini Snaith) declined the offer of a Killam PDF, as a result we offered the first two people on the wait list (Emma Varley and Dennis The) a fellowship. Varley accepted and The declined. We then offered Slobodian an award and he declined. Foroud was then offered the fellowship and he accepted. Later we found out that Ronconi would have a honorary award so we were able to offer Coffman an award and he accepted.

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

Year	Total held	F/M	Science & Engineering	Discipline	Humanities & Social Sciences	Discipline
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
1994-95	10	3/7	8	Anat/Neurobiology, Biology, Biochemistry, Chemistry, Mathematics, Oceanography, Physics, Psychology	2	French, Sociology & Social Anthropology

### 3. Theses and Defences

Masters and doctoral theses for all programs, excepting those in Engineering and Architecture and Planning, are format checked and accepted by FGS. Doctoral defenses for all programs except Engineering are organized through the Faculty, which is responsible for formally inviting the external examiner and arranging for a venue and a chairperson for the examination. Chairs are chosen from

among the members of the PhD Defence Panel. Effective May 1, 2008 doctoral theses from Engineering will also be the responsibility of FGS.

From July 1, 2007 until the date of this Report, 71 defences have been conducted. This compares to 62 defences held over a similar period in the previous year, and 65 defences held in the year before that.

The numbers of PhD defences, enumerated by department, are listed in the table below, as well as the names of those volunteers from the PhD defense panel who chaired defenses. Their work is vital to the independence, objectivity and integrity of these processes. We appreciate their effort, especially since much of the demand for defenses happens at traditionally inconvenient times such as during July and August, or immediately before the end of term.

<b>PHD DEFENSES - JULY 1, 2007 TO MAY 9, 2008</b>			
<b>Department</b>	<b># of Defenses</b>	<b># of Chairs from Dept</b>	<b>Name of Chair</b>
Anatomy & Neurobiology	2	3	Dr. Currie (2), Dr. Rutherford (1)
Biochemistry	2	3	Dr. Singer (2), Dr. Byers (1)
Biology	10	3	Dr. MacRae (1), Dr. Leonard (2)
Biomedical Engineering	3	0	
Business Administration	0	4	Dr. Curri (3), Dr. Toms (1)
Chemistry	7	4	Dr. Boyd (1), Dr. White (1), Dr. Kwak (2)
Civil Engineering	1	0	
Computer Science	8	4	Dr. Shepherd (2), Dr. Cox (1), Dr. Hitchcock(1)
Earth Sciences	1	1	Dr. Jamieson (1)
English	3	2	Dr. Huebert (1), Dr. Baxter (1)
French	1	0	
H & HP	0	0	
History	1	1	Dr. Neville (1)
ID PhD	5	31	Dr. Marche (29), Dr. Watters (2)
Law	1	0	
Math & Stats	1	3	Dr. Keast (1), Dr. Dilcher (1), Dr. Nowakowski (1)
Microbiology & Immunology	3	1	Dr. Hoskin (1)
Nursing	0	1	Dr. Evans (1)
Oceanography	5	0	
Pathology	1	0	
Pharmacology	4	0	
Philosophy	3	1	Dr. Sherwin (1)
Physics	2	1	Dr. Dunlap (1)
Political Science	1	3	Dr. Cameron (2), Dr. Davis (1)
Psychology	3	2	Dr. LoLordo (1), Dr. Klein (1)
Social Work	0	2	Dr. Wien (2)
Sociology	3	1	Dr. Apostle (1)

#### **4. Interdisciplinary PhD Program**

The Interdisciplinary PhD (ID PhD) program at Dalhousie provides an opportunity for qualified students to undertake doctoral studies which transcend traditional disciplinary boundaries by combining the knowledge base, approaches, perspectives and insights of different academic areas. This program began at Dalhousie in 1984, and has grown to be one of the largest of its kind in Canada.

The program is administered through the Graduate Faculty and is overseen by an ID PhD committee. The Committee this year consisted of Jack Duffy (Business Administration), David Black (Pharmacy), Susan Hutchison (Philosophy), Nancy MacDonald (Student representative), and Peter Tyedmers (Resource and Environmental Studies). Sunny Marche (Associate Dean, FGS) acts as the graduate coordinator for the program, with Elizabeth Clark serving as Graduate Secretary and Marsha Scott as the Administrator.

Interest in, and demand for, this program is intense. By September 2008 there will be almost 90 students in the ID PhD. Scholarship support for these students is derived from a wide variety of sources, including NSERC, SSHRC, CIHR, NSHRF, Killam, and Eliza Ritchie awards.

##### **Speaker Series**

The program continued the Interdisciplinary Speaker Series, in which the following seminars were presented:

- *Academic Excellence, Interdisciplinary scholarship, knowledge mobilization* — Dr. Kathleen Blume
- *M3 Foton Mission* — Nancy Buckley
- *How to write a thesis* — Drs. Richard Apostle, Peter Duinker, Blye Frank
- *How to write a thesis: motivation, protocol, and format* — Drs. Jack Duffy, Sunny Marche
- *How to write an abstract* — Nancy Salmon, Kate Bigney
- *Dreamweaver: designing and building a website* — Grant Wells
- *Team Leadership* — Rick Fullerton
- *Effective CVs in an Interdisciplinary Context* — Susan Walsh / Carolyn Watters
- *Interdisciplinarity* — Elizabeth Church

##### **Graduates from the Program**

In this period, we also celebrated 5 successful ID PhD defenses.

- **Bruce Gilbert:** *Collaborative Synergy In Resource And Environmental Management*
- **Annette Lutterman:** *Historical Changes in the Riparian Habitats of Labrador's Churchill River Due to Flow Regulation: The Imperative of Cumulative Effects Assessment*
- **Stacy Ackroyd-Stolarz:** *Patient Safety In An Aging Population: Challenges And Strategies For Change*

- **Andreas Flouris:** *On The Functional Architecture Of The Human Thermoregulatory System*
- **Judith Lipp:** *Greening The Grid: Policy Considerations For Renewable Electricity In Canada*

### **ID PhD Conference**

This year saw the inaugural interdisciplinary conference run entirely by students. By all accounts it was a highly successful conference with sessions on:

- negotiating paradigms;
- reflections on interdisciplinary methods;
- discourses and communities;
- children and health;
- environment, ethics and interdisciplinary;
- health and inequity;
- inter/disciplinary in library and information studies;
- technology and communication;
- gender, development and disciplinarity; and
- the outing of those responsible.

One final note of celebration – the Keeper of the ID PhD program Dr. Jack Duffy won the award for Best Graduate Student Mentor at Dalhousie University.

### **Acknowledgements**

The generous support of the Killam Trusts, the Mackenzie King Scholarship Board of Trustees, and the Walter C. Sumner Foundation is gratefully acknowledged.

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 6 May 2008

**Table 1: Departmental Allocations**

Faculty	Allocation				
	2004 Allocation	2005 Allocation	2006 Allocation	2007 Allocation	2008 Allocation
<b>ARCHITECTURE</b>					
Architecture	\$47,030	\$45,696	\$46,236	\$46,019	\$51,908
Planning	\$20,790	\$24,403	\$24,366	\$30,784	\$31,481
<b>TOTAL ARCHITECTURE</b>	<b>\$67,819</b>	<b>\$70,100</b>	<b>\$70,602</b>	<b>\$76,803</b>	<b>\$83,389</b>
<b>COMPUTER SCIENCE</b>					
Computer Science	\$290,690	\$277,318	\$265,585	\$232,769	\$189,235
<b>TOTAL COMPUTER SCIENCE</b>	<b>\$290,690</b>	<b>\$277,317</b>	<b>\$265,585</b>	<b>\$232,769</b>	<b>\$189,235</b>
<b>ENGINEERING</b>					
Biological Engineering	\$22,058	\$17,899	\$21,539	\$20,617	\$14,957
Chemical Engineering	\$31,007	\$30,183	\$26,612	\$24,675	\$17,900
Civil Engineering	\$75,896	\$71,631	\$76,616	\$72,578	\$74,879
Electrical Engineering	\$63,080	\$72,532	\$78,535	\$69,596	\$52,339
Environmental Engineering		\$3,520	\$4,367	\$3,493	\$4,387
Engineering Mathematics	\$20,367	\$20,294	\$21,069	\$16,853	\$17,783
Food Science	\$13,705	\$17,399	\$16,354	\$17,599	\$12,767
Industrial Engineering	\$15,207	\$14,851	\$19,093	\$15,273	\$14,784
Mechanical Engineering	\$31,992	\$39,772	\$41,483	\$44,475	\$48,935
Metallurgical Engineering (Note 1)			\$8,449	\$6,759	\$10,460
Mining & Metallurgical Engineering	\$12,416	\$15,097			
Mining Engineering (Note 1)			\$6,057	\$4,845	\$3,515
<b>TOTAL ENGINEERING</b>	<b>\$285,728</b>	<b>\$303,178</b>	<b>\$320,174</b>	<b>\$296,763</b>	<b>\$272,706</b>
<b>FASS</b>					
Classics	\$28,427	\$26,834	\$31,101	\$33,912	\$30,158
English	\$173,704	\$174,854	\$172,602	\$171,944	\$182,157
French	\$38,901	\$42,867	\$41,574	\$35,514	\$25,763
German	\$36,477	\$32,111	\$28,159	\$28,171	\$25,993
History	\$76,592	\$83,496	\$89,725	\$84,194	\$90,715
International Development Studies	\$37,929	\$43,334	\$49,125	\$49,459	\$43,289
Philosophy	\$77,678	\$78,099	\$77,022	\$72,903	\$73,262
Political Science	\$77,857	\$69,455	\$66,497	\$67,872	\$62,204
Sociology & Social Anthropology	\$59,294	\$60,670	\$54,664	\$55,019	\$76,960
Women's Studies					
<b>TOTAL FASS</b>	<b>\$606,859</b>	<b>\$611,720</b>	<b>\$610,469</b>	<b>\$598,988</b>	<b>\$610,501</b>
<b>HEALTH PROFESSIONS</b>					
Clinical Vision Science		\$0		\$4,563	\$8,867
Health & Human Performance	\$43,648	\$44,207	\$42,650	\$40,891	\$48,188
Health Services Administration	\$27,538	\$32,391	\$35,560	\$37,479	\$34,812
Human Communication Disorders	\$50,769	\$67,564	\$68,568	\$84,210	\$89,841
Nursing	\$9,561	\$17,803	\$26,246	\$31,158	\$33,280
Occupational Therapy	\$12,337	\$11,266	\$9,040	\$25,301	\$37,956
Pharmacy					
Physiotherapy	\$5,560	\$4,512	\$4,816	\$30,956	\$47,504
Social Work	\$30,851	\$33,824	\$33,121	\$34,399	\$28,221
<b>TOTAL HEALTH PROFESSIONS</b>	<b>\$180,264</b>	<b>\$211,567</b>	<b>\$220,001</b>	<b>\$288,957</b>	<b>\$328,669</b>

Faculty	Allocation				
	2004 Allocation	2005 Allocation	2006 Allocation	2007 Allocation	2008 Allocation
<b>LAW</b>					
Law	\$68,601	\$65,711	\$63,493	\$56,435	\$52,054
<b>TOTAL LAW</b>	<b>\$68,601</b>	<b>\$65,711</b>	<b>\$63,493</b>	<b>\$56,435</b>	<b>\$52,054</b>
<b>MANAGEMENT</b>					
Business Administration	\$90,479	\$93,509	\$91,779	\$96,001	\$94,690
Environmental Studies	\$66,099	\$64,938	\$64,068	\$60,282	\$61,705
Information Management	\$65,290	\$70,558	\$78,147	\$77,191	\$71,243
Marine Management (Note 2)			\$42,537	\$36,284	\$28,500
Public Administration	\$30,822	\$33,800	\$36,690	\$38,383	\$38,735
<b>TOTAL MANAGEMENT</b>	<b>\$252,690</b>	<b>\$262,805</b>	<b>\$313,221</b>	<b>\$308,141</b>	<b>\$294,873</b>
<b>MEDICINE</b>					
Anatomy & Neurobiology	\$60,297	\$63,996	\$58,528	\$59,239	\$44,826
Biochemistry	\$59,808	\$53,554	\$56,130	\$61,838	\$70,793
Community Health & Epidemiology	\$31,057	\$31,480	\$32,437	\$31,593	\$28,475
Microbiology & Immunology	\$71,892	\$67,126	\$69,413	\$72,463	\$91,467
Pathology	\$18,847	\$19,060	\$16,490	\$15,449	\$18,617
Pharmacology	\$54,719	\$54,446	\$55,650	\$53,549	\$55,518
Physiology & Biophysics	\$30,162	\$34,520	\$28,896	\$29,890	\$23,535
<b>TOTAL MEDICINE</b>	<b>\$326,782</b>	<b>\$324,182</b>	<b>\$317,544</b>	<b>\$324,021</b>	<b>\$333,231</b>
<b>SCIENCE</b>					
Biology	\$211,242	\$199,036	\$187,222	\$185,897	\$190,427
Chemistry	\$183,399	\$181,466	\$161,162	\$154,888	\$145,703
Earth Sciences	\$53,794	\$51,185	\$53,033	\$43,550	\$53,821
Economics	\$41,831	\$42,733	\$48,643	\$42,298	\$35,478
Mathematics	\$63,970	\$58,187	\$67,024	\$71,682	\$72,377
Oceanography	\$68,121	\$65,322	\$59,593	\$72,513	\$60,013
Physics	\$57,310	\$61,571	\$66,152	\$75,501	\$75,147
Psychology	\$191,192	\$181,511	\$180,335	\$180,389	\$204,955
Statistics	\$34,726	\$31,945	\$36,399	\$35,891	\$35,298
<b>TOTAL SCIENCE</b>	<b>\$905,585</b>	<b>\$872,957</b>	<b>\$859,563</b>	<b>\$862,609</b>	<b>\$873,219</b>
<b>MULTIFACULTY/FGS</b>					
Biomedical Engineering	\$45,000	\$55,486	\$50,503	\$42,656	\$51,320
Electronic Commerce	\$25,870	\$26,015	\$23,267	\$21,999	\$18,137
Health Informatics	\$4,873	\$7,721	\$8,588	\$7,999	\$7,981
Interdisciplinary PhD	\$44,756	\$73,986	\$91,663	\$100,425	\$111,751
Marine Management	\$46,280	\$42,577			
<b>TOTAL MULTIFACULTY/FGS</b>	<b>\$166,780</b>	<b>\$205,784</b>	<b>\$174,021</b>	<b>\$173,079</b>	<b>\$189,189</b>
<b>Total</b>	<b>\$3,151,798</b>	<b>\$3,205,321</b>	<b>\$3,214,673</b>	<b>\$3,218,565</b>	<b>\$3,227,066</b>

**Note 1:** Materials and Mining Engineering reported separately in 2006, were reported combined as Metallurgical and Mining Engineering before 2006

**Note 2:** Marine Management reported as Marine Affairs Program in FGS until 2005, in Faculty of Management 2006



**Table 2: Killam Predoctoral – Renewals**

Department	Last Name	Given Names	Gender	Degree	External Funding Source	Net Killam Award
Anatomy	Mukhida	Karim	M	PhD	Parkisons	\$25,000.00
Biochemistry	Gawryluk	Ryan	M	PhD		\$0.00
Biochemistry	Pinder	Jordan	M	PhD	CGSD	\$0.00
Biochemistry	Uribe	Elke	F	PhD		\$26,730.00
Biology	Gero	Shane	M	PhD	NSERC CGSD	\$16,667.00
Biology (Transfer)	Yorke	Alana	F	MSc	PGSD	\$4,000.00
Biology	Zemlak	Tyler	M	PhD	NSERC PGSD	\$4,000.00
Biomedical Engineering	Green	Anthony	F	PhD		\$25,000.00
Biomedical Engineering	Rutherford	Derek	M	PhD	NSHRF	\$4,970.00
Chemistry	Carpenter	Yuen-ying	F	PhD	Eliza Ritchie/NSERC	\$4,000.00
Chemistry	MacDonald	Frank	M	MSc	NSERC PGS M	\$20,000.00
Chemistry	Rockwell	Gregory	M	PhD	NSERC CGSD	\$0.00
Chemistry	Taylor	Alexis	F	PhD	NSERC PGSD	\$4,000.00
Civil Eng	Gibbons	Meaghan	F	PhD		\$16,667.00
Classics	Riggs	Timothy	M	MA		\$20,000.00
Community Health and Epidemiology	Wilson	Emily	F	MSc	NSHRF	\$2,176.00
Computer Science	Abouzied	Azza	F	MCS	CGSD	\$0.00
Computer Science	Hamilton	Christopher	M	PhD		\$25,000.00
Computer Science	Lichodzjewski	Peter	M	PhD		\$25,000.00
Computer Science	Mason	Jane	F	PhD		\$25,000.00
Computer Science	Zhang	Ji	M	PhD		\$25,000.00
Earth Sciences	Barresi	Tony	M	PhD		\$16,667.00
Earth Sciences	Bashforth	Arden	M	PhD		\$25,000.00
Earth Sciences	Braid	James	M	MSc	PGSD	\$4,000.00
Earth Sciences	Gradmann	Sophie		PhD		\$25,000.00
Electrical and Computer Engineering	Ibrahim	Walid	M	PhD		\$25,000.00
Engineering Math	Long	Aaron	M	PhD	NSERC CGSD	\$0.00
English	Goossen	Jonathan	M	PhD	SSHRC CGSD	\$0.00
English	Rodd	Mary	F	PhD	SSHRC Doctoral	\$25,000.00
English	Vautour	Bart	M	PhD	SSHRC CGSD	\$0.00
French	Takam	Alain	M	PhD		\$25,000.00
Health and Human Performance	Lys	Candice	F	MSc		\$20,000.00
History	Harding	Robert	M	PhD	SSHRC Doctoral	\$5,000.00
History	Stanley	David	M	MA		\$25,190.00
Interdisciplinary PhD	Huybers	Sherry	F	PhD		\$25,000.00
Interdisciplinary PhD	Pelletier	Nathaniel	M	PhD	NSERC CGSD	\$0.00
Interdisciplinary PhD	Wilson	Jeffrey	M	PhD	NSERC CGSD	\$0.00
Mathematics and Statistics	Allen	Meghan	F	PhD	NSERC PGSD	\$4,000.00
Mathematics and Statistics	Hoefel	Andrew	M	PhD		\$25,000.00
Mathematics and Statistics	McKay	Neil	M	PhD	NSERC PGSD	\$4,000.00
Mathematics and Statistics	Noble	Rob	M	PhD	NSERC PGSD	\$4,000.00
Oceanography	Algar	Christopher	M	PhD	NSERC PGSD	\$2,667.00
Oceanography	Saunders	Megan	F	PhD	NSERC CGSD	\$8,333.00

<b>Department</b>	<b>Last Name</b>	<b>Given Names</b>	<b>Gender</b>	<b>Degree</b>	<b>External Funding Source</b>	<b>Net Killam Award</b>
Pathology	Kepkay	Rosemarie	F	MSc	NSERC PGS M	\$20,000.00
Pathology	Renault	Nisa	F	PhD	CIHR D	\$2,667.00
Philosophy	Behme	Christina	F	PhD	SSHRC Doctoral	\$25,000.00
Philosophy	Harbin	Ami	F	PhD	SSHRC CGSD	\$0.00
Philosophy	Heiti	Warren	M	PhD		\$25,000.00
Physics	Brewer	Kimberly	F	PhD	NSERC CGSD	\$8,333.00
Physics	Chevrier	Vincent	M	PhD		\$25,000.00
Physics	Croft	Betty	F	PhD		\$25,000.00
Physics	Glister	Jacqueline	F	PhD	NSERC PGSD	\$4,000.00
Physics	Jakubinek	Michael	M	PhD		\$25,000.00
Physics	Rioux	James	M	MSc	NSERC PGS M	\$20,000.00
Physics	Ryan	Gillian	F	PhD		\$25,000.00
Physics	Staple	Douglas	M	MSc	CGSD	\$0.00
Physics	Tamblyn	Isaac	M	PhD	NSERC CGSD	\$0.00
Planning	Thompson	Katherine	F	MPS		\$20,000.00
Process Engineering	VanderZaag	Andrew	M	PhD	NSERC PGSD	\$11,000.00
Psychology	Bandstra	Nancy	F	PhD		\$30,190.00
Psychology	Filliter	Jillian	F	PhD	CGSD	\$0.00
Psychology	Fulton	Heather	F	PhD		\$25,000.00
Psychology	Ishigami	Yoko	F	PhD		\$30,190.00
Psychology	Mazerolle	Erin	F	PhD	NSERC CGSD	\$0.00
Psychology	Scantlebury	Jordan	M	MSc	NSHRF	\$20,000.00
Psychology	ten Brinke	Leanne	F	MSc	NSERC PGS M	\$20,000.00
Sociology and Social Anthropology	Leon	Jenny	F	MA		\$20,000.00
Statistics	Blanchard	Wade	M	PhD		\$25,000.00

**Table 3: Killam Predoctoral – New**

Department	Last Name	First Name	Gender	Degree	External Funding Source	Net Killam
Biology	Kelly	Jennifer	F	PhD	CGSD held	\$0
Biology	Schmidt	Allison	F	PhD	NSERC PGSD	\$4,000
Biology	Smith	David	M	PhD	CGSD held	\$0
Chemistry	Hesp	Kevin	M	PhD	CGSD held	\$0
Chemistry	Heverly-Coulson	Gavin	M	MSc		\$25,190.00
Chemistry	Lundgren	Rylan	M	PhD	PGSD Held	\$4,000
Civil Engineering	Goreham	Vince	M	PhD	PGSM held	\$7,700
Classics	Lee	Benjamin	M	PhD	SSHRC Held	\$0
Computer Science	Adsett	Constance	F	PhD	CGSD held	\$0
Earth Sciences	Dolansky	Lila	F	PhD	PGSD Held	\$4,000
Earth Sciences	Kellett	Dawn	F	PhD	CGSD held	\$16,667
English	Hutka	Adam	M	PhD	SSHRC Held	\$0
German	Schoeneck	Annette	F	MA		\$25,190.00
Health and Human	Bradley	Kristina	F	MSc	SSHRC	\$2,500.00
Health and Human	White	Justin	M	MSc		\$20,000.00
IDPhD	Burger	Erika	F	PhD	SSHRC D Held	\$5,000
IDPhD	Muaror-Wilson	Jieni	F	PhD		\$30,190
IDS	Van De Keere	Laurel	F	MA		\$20,000.00
Law	Engler	Cecilia	F	LLM		\$25,190.00
Microbiology	Cyr	David	M	MSc	Julie Payette	\$0.00
Nursing	Routledge	Faye	F	PhD		\$25,000
Oceanography	Richards	Clark	M	PhD		\$25,000
Philosophy	Copeland	Samantha	F	MA		\$20,000.00
Physics	Flynn	Stephanie	F	MSc	CGSM	\$0.00
Physics	Klages	Peter	M	PhD		\$25,000
Physics	Patterson	Steven	M	PhD	PGSD Held	\$4,000
Physiology	Nelson	Stephanie	F	MSc	CGSM	\$2,500.00
Political Science	McDonough	David	M	PhD	SSHRC Held	\$0
Psychology	Butcher	Nancy	F	MSc	Julie Payette	\$0.00
Psychology	Fawcett	Jonathan	M	PhD	CGSD held	\$0
Psychology	Noel	Melanie	F	PhD	NSHRF Held	\$4,970
SRES	Anderson	Emily	F	MES		\$0.00
SRES	Stanley	David	M	MES		\$25,190.00

## **FGS Student Research Grant & Conference Travel Funding**

FGS grants for small research expenses and conference travel expenses for graduate students are awarded to support, or support in part, the 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, 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.

Reacting to increased travel and research costs, in 2003-04 the maximum awards for conference travel grants was raised to \$750 (from \$500) and for research grants to \$800 (master's students, from \$600) and \$1,500 (doctoral students, from \$1,300). However, each award is assessed based on need as explained in the application's budget submission, and the maximum amount is not necessarily awarded. The total assistance provided to students by these two grant programs has doubled in just three years. 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. Further increases in demand for these funds are not sustainable. Unless a new funding source for these two programs is identified, a change in the eligibility criteria is unavoidable. This matter will undoubtedly come before Council in the near future.

### **FGS Research Grant and Conference Travel Grant funding summary<sup>1</sup>**

	2003-04		2004-05		2005-06		2006-07		2007-08	
	Awards	\$ Total	Awards	\$ Total	Awards	\$ Total	Awards	\$ Total	Awards	\$ Total
<b>Conference travel grants</b>	148	83,250	165	115,743	184	131,236	158	106,797	180	119,127,570
<b>Research grants</b>	33	16,752	37	29,261	53	32,119	59	48,524	67	37,630
<b>Total</b>		<b>100,002</b>		<b>145,004</b>		<b>163,355</b>		<b>155,321</b>		<b>165,200</b>

<sup>1</sup> Total expenses are for the fiscal year period April 1 - March 31.

## **Final Report on the 2007-2008 Dalhousie University Killam Lectures: “Resilient Communities: Envisioning and Acting for Sustainable Futures”**

### **Faculty of Architecture and Planning**

The annual Dorothy J. Killam Memorial Lecture Series brings some of the world's best minds to Dalhousie University and to the community at large to speak on a topic of current interest. The Dalhousie Faculty of Architecture and Planning hosted the 2007-2008 Lectures Series on the theme *Resilient Communities: Envisioning and Acting for Sustainable Futures*.

The oldest city in Canada, Quebec City, celebrates its 400<sup>th</sup> anniversary in 2008. By global standards, Canadian cities and towns are relatively young. Will our descendants look back as they celebrate a millennium of urban life in Canada and thank us for our choices? Will our communities still be thriving and healthy? The decisions we make today about the character and form of our communities shape options for generations in the future. What does it take to make our communities resilient enough to thrive not only for the short term but over the centuries and millennia to come? What does it take to nurture resilient communities where people feel supported, engaged, creative, and productive? What do we need to do to build sustainable futures? These questions guided this year's Killam Lecture Series.

Perceptions of insecurity, a growing gap between north and south and between rich and poor, a rise in new diseases and a resurgence in established ones, climate change, and environment devastation are a few of the challenges facing contemporary communities. Through the theme *Resilient Communities: Envisioning and Acting for Sustainable Futures* we explored what it takes to create resilient and sustainable communities and to build the political will to respond to contemporary challenges. Each of the speakers addressed this theme from their different perspectives as decision makers, designers and planners. Collectively they engaged and inspired the lecture attendees with their wisdom and enthusiasm for envisioning sustainable futures.

### **The lectures were as follows:**

- **Ken Greenberg**, urban designer and planner from Toronto, 7 November 2007
- **Clive Doucet**, city councillor and author from Ottawa, 30 January 2008
- **Randolph Hester**, landscape architect and educator from Berkeley CA, 12 February 2008

The first lecture was held in the McInnes Room of the SUB; the other two lectures were in the Potter Auditorium in the Rowe Building. All began at 7 pm.

All three lectures were very well attended and well received, with enthusiastic audiences of 250-350 each. While many in the audience were students or members of the local design and planning communities, we also noted extensive community participation and faculty and students from other parts of the university.

Amber Nicol, the lecture coordinator, acted as MC for the events. We began with a discussion of Dorothy Killam and the Killam Trusts (in the first lecture by Mr George Cooper, a member of the Trust; next by Kate Thompson, a recipient of a Killam Scholarship in our Faculty; finally by the Dean of Graduate Studies, Carolyn Watters). In each case the Dean of the Faculty of Architecture and Planning, Grant

Wanzel, introduced the speakers. The speakers addressed the audience for about an hour and then took questions from the audience for 30-40 minutes. A wine and cheese reception followed.

In addition to the formal lectures we provided venues for the speakers to meet with students and faculty members in the afternoon before the lecture. Two of the speakers stayed on after their lectures either to meet with community groups dealing with local planning issues (in the case of Mr Doucet), or to participate in a community conference organized by students in the Faculty (in the case of Prof Hester). In collaboration with a local book store, we organized a book signing for one of the speakers. We are having each of the lectures transcribed and hope to make them available on the Faculty web site.

Our publicity program seemed quite successful. The speakers appeared in the local media, and the lecture series received rave reviews in *The Coast*. We printed 500 beautiful pamphlet/posters (designed by Candice Sepulis, a student in the Faculty) and distributed them widely. (We did two pin-ups of posters across the campus and in public places like the library: one in the fall before the series began, and a second one early in January as the second and third lectures approached.) We put information about the series on the Faculty web site and distributed notices through a variety of list serves and mailings. We placed community service announcements on radio and sent press releases to local news outlets. The series was profiled on the Dalhousie web portal and in the *DalNews*.

Our lecture coordinator is preparing a short guide for future organizers of the lecture series to document the lessons learned and to assist in streamlining the activities for future events.

One of the significant problems we faced was getting the best rooms for the venue. The Potter Auditorium was a very good venue, but we could not obtain it for a fall lecture.

Our lecture coordinator, Amber Nicol, and her assistant Pam MacDonald, did a superb job of organizing all of the events and activities associated with the lecture series: their efforts underlined the success of the series. We appreciated the assistance of staff in FGS, in the Killam Trusts administration, and in the External Relations office. Carol Madden, Martha Barnstead and Eric Guile provided invaluable support in the Faculty of Architecture and Planning.

**Killam Lecture Committee for 2007:**

- Terry Galvin, School of Architecture
- Jill Grant, School of Planning (Chair)
- Amber Nicol, School of Planning (Lecture coordinator)
- Grant Wanzel, Dean of Architecture and Planning

Submitted by  
Jill Grant & Amber Nicol  
School of Planning  
May 2008

## **2007-2008 Killam Lecture Series: The Speakers and Their Topics**

### **"Resilient Communities: Envisioning and Acting for Sustainable Futures" November 7, 2007; January 30, 2008; February 12, 2008**

The annual Dorothy J. Killam Memorial Lecture Series brings some of the world's best minds to Dalhousie University and to the community at large to speak on a topic of current interest. The Dalhousie Faculty of Architecture and Planning is pleased to host this year's Lectures Series on the theme Resilient Communities: Envisioning and Acting for Sustainable Futures.

The oldest city in Canada, Quebec City, celebrates its 400th anniversary next year. By global standards, Canadian cities and towns are relatively young. Will our descendants look back as they celebrate a millennium of urban life in Canada and thank us for our choices? Will our communities still be thriving and healthy? The decisions we make today about the character and form of our communities shape options for generations in the future. What does it take to make our communities resilient enough to thrive not only for the short term but over the centuries and millennia to come? What does it take to nurture resilient communities where people feel supported, engaged, creative, and productive? What do we need to do to build sustainable futures? These questions guide this year's Killam Lecture Series.

Perceptions of insecurity, a growing gap between north and south and between rich and poor, a rise in new diseases and a resurgence in established ones, climate change, and environment devastation are a few of the challenges facing contemporary communities. Through the theme Resilient Communities: Envisioning and Acting for Sustainable Futures we will explore what it takes to create resilient and sustainable communities and to build the political will to respond to contemporary challenges. Each of the speakers will address this theme from three perspectives: learning from the past, evaluating the present, and envisioning the future.

## **Lectures**

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### **Ken Greenberg, architect/urban designer**

**Date & Time:** Wednesday, 7 November 2007, 7:00 pm (reception to follow)

**Location:** McInnes Room, Dalhousie Student Union Building, 6136 University Avenue

Ken Greenberg, an architect and urban designer, has played a leading role on a broad range of assignments in highly diverse urban settings in North America and Europe. Much of his work focuses on the rejuvenation of downtowns, waterfronts, and neighborhoods, and campus master planning. Current efforts include implementing the Master Plan for the renewal of Regent Park, a major public housing project in Toronto, plans for the new Don River Park in Toronto, a Master Plan for the Grand Parade in Halifax and integrated strategies for transit-oriented redevelopment along the proposed new LRT line in Ottawa.

**Clive Doucet, Ottawa city councillor/author**

**Date & Time:** Wednesday, 30 January 2008, 7:00 pm (reception to follow)

**Location:** Potter Auditorium, Rowe Management Building, 6100 University Avenue

Clive Doucet is an urban activist, well-known journalist, poet, best-selling author, and an Ottawa city councillor. Some of his major projects have included securing funding for the renovation of the Glebe Community Centre and the reconstruction and beautification of Bank Street in Old Ottawa South. He previously worked with the Federal Ministry of Urban Affairs and as a policy advisor on local government reform at the Ontario Municipal Affairs Ministry. Doucet has published many books, his latest titled *Urban Meltdown: Cities, Climate Change and Politics as Usual*.

**Randolph Hester, landscape architect/professor/urban designer**

**Date & Time:** Tuesday, 12 February 2008, 7:00 pm (reception to follow)

**Location:** Potter Auditorium, Rowe Management Building, 6100 University Avenue

Randolph Hester is a professor of Landscape Architecture, Environmental Planning and Urban Design at the University of California Berkeley. Professor Hester's research focuses on the role of citizen involvement in community design and ecological planning. He is one of the founders of the research movement to apply sociology to the design of neighborhoods, cities, and landscapes. His current work is searching for a design process to support ecological democracy. He is the author of several books including *Planning Neighborhood Space with People*, *Design for Ecological Democracy*, and *Neighborhood Space*.



## **Academic Appeals Committee Annual Report 2007-2008**

### **Membership 2007-2008**

<b>Name</b>	<b>Department</b>	<b>Term End</b>
Christina Luckyj	English	2008
Louise Spiteri	Library & Information Studies	2008
Yannick Tremblay	DAGS Rep	2008
Jill Grant	Planning	2009
Jason Gu	Electrical & Computer Engineering	2010
<i>1 vacancy</i>		2010

*Reserve Panel:* Members of FGS Faculty Council

Faculty Council in its June 2003 meeting changed the composition of the FGS Academic Appeals Committee to 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, when necessary with members drawn from the Reserve Panel.

Since May 2007 the Academic Appeals Committee had one appeal resulting in the constitution of an Appeal committee and subsequent hearing.

I once again 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 5 2008  
Carolyn Watters, Dean FGS

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## Faculty of Graduate Studies — Contact Information

**Mailing Address:** Faculty of Graduate Studies  
Dalhousie University  
Room 314, Henry Hicks Academic Administration Building  
6299 South Street  
Halifax, NS, Canada  
B3H 4H6

**Telephone:** 902-494-2485  
**Fax:** 902-494-8797  
**E-Mail:** [graduate.studies@dal.ca](mailto:graduate.studies@dal.ca)  
**Web:** <http://dalgrad.dal.ca/>

### Staff Contact List

Carolyn Watters Dean Telephone: 494-6723 Email: <a href="mailto:carolyn.watters@dal.ca">carolyn.watters@dal.ca</a>	Sunny Marche Associate Dean Telephone: 494-6721 Email: <a href="mailto:sunny.marche@dal.ca">sunny.marche@dal.ca</a>
Dieter Pelzer Associate Dean Telephone: 494-2047 Email: <a href="mailto:dieter.pelzer@dal.ca">dieter.pelzer@dal.ca</a>	Elizabeth Clark IDPhD Graduate Secretary & Postdoctoral Clerk Telephone: 494-8078 Email: <a href="mailto:idphd@dal.ca">idphd@dal.ca</a>
Kathy Drew Graduate Student Services and Admissions Clerk Telephone: 494-7458 Email: <a href="mailto:kathy.drew@dal.ca">kathy.drew@dal.ca</a>	Lesley Field Information Clerk Telephone: 494-2485 Email: <a href="mailto:graduate.studies@dal.ca">graduate.studies@dal.ca</a>
Wendy Fletcher Program & Student Services Officer Telephone: 494-6724 Email: <a href="mailto:program.officer@dal.ca">program.officer@dal.ca</a>	Nicole Fraser Communications Clerk Telephone: 494-2120 Email: <a href="mailto:fgs.communications@dal.ca">fgs.communications@dal.ca</a>
Susan Gillis Financial Clerk Telephone: 494-2772 Email: <a href="mailto:financial.coordinator@dal.ca">financial.coordinator@dal.ca</a>	Heather Nowlan Admissions and Convocation Officer Telephone: 494-7178 Email: <a href="mailto:admissions.convocation@dal.ca">admissions.convocation@dal.ca</a>
Judie Pepper Senior Scholarship Clerk Telephone: 494-6725 Email: <a href="mailto:scholarship.coordinator@dal.ca">scholarship.coordinator@dal.ca</a>	Marsha Scott Administrative Assistant to the Deans Telephone: 494-6722 Email: <a href="mailto:marsha.scott@dal.ca">marsha.scott@dal.ca</a>
Jason Sweeney IT Coordinator Telephone: 494-6384 Email: <a href="mailto:jason.sweeney@dal.ca">jason.sweeney@dal.ca</a>	Stephanie Theriault Senior Thesis Clerk Telephone: 494-6726 Email: <a href="mailto:thesis@dal.ca">thesis@dal.ca</a>
Danielle Walsh Scholarship Officer Telephone: 494-6246 Email: <a href="mailto:danielle.walsh@dal.ca">danielle.walsh@dal.ca</a>	