



2003-2004
Annual Report

FACULTY OF
graduate studies



UNIVERSITY
OF MANITOBA

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Dean's Introduction

Once again, the past year has been transitional in the Faculty of Graduate Studies. Dr. Tony Secco began a term as Dean of the Faculty in July 2004. In October 2003, Dr. Donald D. Smyth joined the Faculty as an Associate Dean (Academic). In May 2004, Dr. Pamela Hawranik became the Associate Dean responsible for Programs and Planning. This marked the first time in a few years that the office had a full complement of Deans. Our major goal continues to be that of bridge building within the Faculty of Graduate Studies and individual units that are responsible for the delivery of the programs. A number of new programs have been introduced and are in the process of being approved. These introductions/approvals have been the centre of vigorous debate inside and outside of Council. The most appropriate use of top-up funding continues to be a concern in some units and the best utilization of these funds continues to be explored. These debates continue as we wrestle with the need for academic flexibility while trying to maintain academic integrity.

Program Reviews have continued with ten more external reviews being completed in the last year. As more units undergo this process, it is becoming clear that the information provided from these reviews is definitely formative in nature. This information will be useful not only in looking at the present status of these programs, but in providing direction to ensure these programs compete with the best in Canada and internationally. These reviews will continue according to the schedule published on our web-site. At least twelve new graduate programs are in the process of being proposed, reviewed, approved and implemented. These activities of the individual units will ensure that the graduate program at the University of Manitoba remains innovative and competitive with programs offered elsewhere.

Enrollment in graduate studies continues to increase with an almost 10% increase over last year. Our students were able to slightly increase the number of national scholarships. Our office continues to distribute NSERC and SSHRC funds to award-holders on a monthly basis. Funding for the UMGF increased about \$400,000 over last year. In an effort to reward and attract the best, top-up funds of around \$300,000 were granted to 85 students that had received national level funding.

Overall, it has been a busy and productive year in which the profile of the Faculty has been enhanced by virtue of our bridge-building efforts and the efforts of all who are engaged in the graduate studies enterprise at our university. It is in this continued positive spirit that on behalf of the Faculty of Graduate Studies, we are pleased to present our Annual Report that chronicles our initiatives and activities for the academic year 2003 - 2004.

Activities

Guidelines and Policy Committee (GPC)

One of the functions of the Faculty of Graduate Studies (FGS) is to ensure that the standards and regulations of the Academic Guide are adhered to and met by every graduate program. To that end, this Committee continued to review and amend the Academic Guide, which is the governing document containing the policies, by-laws and guidelines pertaining to students, faculties and administration. Further review and changes to this document is an on-going responsibility of the Committee. In 2003-2004 the Committee forwarded 10 proposals to amend existing FGS policy including:

- admission criteria for the Master's programs; Honours degrees were the minimum degree criteria for admission to the Master's degree, however, after review of existing policy across Canada and the current types of degrees currently offered, it was determined that an update to the requirements was needed to include Advanced and 4 year degrees.
- minimum performance of graduate students including guidelines for graduate student advisors regarding this aspect.
- the timing of transfer from the Master's to Ph.D.
- regulations regarding the advancement to the Ph.D. Oral Examination.

Supplemental Regulations for new programs, as well as, revisions to various existing departmental supplemental regulations were reviewed and approved. The Committee is engaged in a labour intensive project to review existing Supplementary Regulations for all 121 graduate programs. Departmental/unit regulations that were reviewed/approved in 2003-2004 include: Political Studies; Chemistry; Economics; M.Sc. Mgmt.; Zoology; Computer Science;

Family Studies; Microbiology. The Committee also reviewed/approved changes to 14 other supplementary regulations documents.

Programs and Planning Committee (PPC)

PPC recommended the introduction and deletion of a number of courses from Master's and Ph.D. programs. Course changes were recommended to the Faculty Council of Graduate Studies. Units making changes to their programs included: The Faculty of Medicine, Occupational Therapy, Medical Microbiology, Medical Rehabilitation, Political Studies, History, Music, NRI, Biosystems Engineering, Accounting and Finance, Botany, Chemistry, Physics and Astronomy, Landscape Architecture, Architecture, Social Work, Education, Family Social Sciences and Pharmacy. 55 courses were introduced, 66 courses were deleted and 3 courses were modified. Approximately one half of the deletions were the result of a request from Student Records for units to delete courses that are no longer offered.

The Department of Family Studies reviewed their graduate course offerings and made significant changes to them. Courses are now organized into 4 distinct fields within the discipline. Course content was updated and the name of the Department was changed to reflect current research in the discipline.

The Department of Political Studies reviewed their graduate course offerings and changed their courses to reflect content.

The Faculty of Social Work re-defined the Practicum component of the Master of Social Work degree. Students selecting the new non-thesis route (Practicum) will now be required to complete 450 hours of Ad-

vanced field work (0) credit hours and then critically analyze the outcomes of the placement in a 3 credit hour course.

PPC considered a number of new program initiatives including: a Master of Environment and a Master of Science in Geography from the Faculty of Environment which will be housed in the newly created Department of Environment and Geography; a Ph.D. in Peace and Conflict Studies which stemmed from a gift from Arthur Mauro; a Master of Arts in School Psychology from the Department of Psychology; a Ph.D. in Design from the Faculty of Architecture; a multi-faculty based Ph.D. in Applied Health from the Faculties of Medicine, Phys. Ed., Nursing and Human Ecology; a Ph.D. in Cancer Control from the Faculty of Nursing; a Master of Public Health (MPH) from the Department of Community Health Sciences; and a post-professional Master's/Doctorate in Architecture from the Department of Architecture.

Awards

The Distinguished Doctoral Dissertation Award underwent a change to its terms of reference. The Award no longer has a monetary value and allowed each Faculty to nominate a Dissertation. In 2003, three awards of \$4000 each were awarded to Social, Natural and Medical Sciences.

This year, Faculties offering a Ph.D. program, were invited to nominate their best dissertations from the past year. Recipients were honored at a luncheon hosted by the President where they received a citation certificate. The 2004 Distinguished Dissertation recipients included: Dr. Jennifer Argo, Asper School of Business; Dr. Iain Davidson-Hunt, NRI; Dr. Tun Ge, Biosystems Engineering; Dr. Esyllt Jones, History;

Dr. Biao Lu, Biochemistry and Medical Genetics; Dr. Todd Underwood, Zoology.

The J.G. Fletcher Award (Ph.D., one year, \$16,000) for Aboriginal Research was awarded to Sherrie Blakney (Natural Resources Institute) for her proposed research on integrating traditional environmental knowledge into forest management.

The new J.G. Fletcher Ph.D. Fellowship for Research in Functional Foods and Nutraceuticals valued at \$14,000 was awarded to Denise Aminot-Gilchrist, (Food Science).

The J.W. Dafoe Fellowship valued at \$17,000 was awarded to Shanshan Hao (Economics).

University of Manitoba Graduate Fellowship

(note: last year's figures appear in parentheses)

Social Sci. and Humanities	36	(61)
Natural Sci. and Engineering	36	(30)
Medical Health Sci.	11	(15)
Renewals	131	(114)
Total:	214	(220)
Total Funding:	\$2,497,739	(\$2,076,250)

University of Manitoba Top-ups

85 (84) students were funded for a total of \$298,342 (\$325,121).

Conference Travel Awards

A total of 92 (95) students were funded for their Graduate Student Conference Travel. 79 (79) students that were funded attended conferences in North America, while 13 (16) attended international conferences. The annual budget for this Award is \$30,000.

Northern Studies Training Program (NSTP)

The Northern Studies Training Program (NSTP) in Ottawa allocated \$30,000 (\$30,000) to the University of Manitoba to fund 9 (14) students that are pursuing northern research.

Graduate Student Bursaries and Loans

The emergency budget assisted a total of 98 (94) students. A total of \$94,810 (\$112,333) was loaned of which \$39,310 (\$39,258) has been repaid to date.

Tuition Fee Waiver for Visa Students

The tuition fee for Visa students will be increased by 100% of regular student admission and the waiver discontinued for September 2005 admission. Funds from this fee increase will be utilized to support International Entrance Scholarships and International Graduate Student Bursaries. The details of these awards are presently under discussion.

Promotion, Recruitment, Public Relations

The Faculty of Graduate Studies, in cooperation with the Graduate Students' Association (GSA) held its fourth Graduate Student Orientation BBQ in September. Students were provided with valuable information from a variety of units on campus including: Graduate Students' Association President, Suzanne Ronald; Student Advocate, Nancy Callaghan; University Teaching Services Graduate Student Associate, Heather Hosea; Equity Services Diversity Education Training Coordinator, Rosalyn Howard; International Centre for Students Program Coordinator, Lois Ward; and Dean of FGS, Dr. Anthony Secco. There was an excellent turnout and the event proved to be a wonderful way for students to meet the staff of the Faculty of Graduate Studies office and receive in-

formation pertinent to graduate education at the University of Manitoba.

The Annual FGS Awards reception was held in November honouring those graduate students who received national awards and scholarships, including the University of Manitoba Graduate Fellowship, NSERC, SSHRC and CIHR among others.

In March, the Faculty hosted receptions on the Bannatyne and Fort Carry Campuses as a thank you to all the Administrative Assistants across the university who work with FGS on a daily or weekly basis. We had a great turn out and it was an excellent opportunity to put faces to the many voices we speak to everyday.

In April, the Faculty of Graduate Studies hosted research presentations from graduate students involved in the Northern Scientific Training Program (NSTP). Sponsored by the Department of Indian Affairs and Northern Development, the NSTP supports scientific training provided by Canadian universities and gives advanced students professional experience in the North. Currently the program funds approximately 300 students annually at over 35 universities across Canada. Students and their supervisors were on hand to present a capsule of their research and to provide context as to why their research in the North was important to the area.

Participation

Co-operative research currently takes place in several research units at the University through formal or informal arrangements made by individuals to facilitate the sharing of research efforts between departments/units. To facilitate such interdisciplinary research and also to enable the contri-

butions of scholars and researchers who are not faculty members at the University of Manitoba, the category of Adjunct Professor was created. This past year, 423 Adjunct Professors took part in co-operative research within the FGS at the U of M – 362 were external to the University.

Each year FGS facilitates the Ph.D. oral examination process and invites various members of the Academic Community to Chair the oral examination. The Chair discusses examination procedures, introduces the candidate, and following the presentation, invites questions from each member of the examining committee. This past year, 77 faculty members chaired Ph.D. oral examinations.

Projects and Initiatives

Academic

- The Periodic Review of Graduate Programs moved forward with the following programs undergoing external review this year: Education, Chemistry, Zoology, Microbiology, Physics and Astronomy, Botany, Surgery, Pathology, Pharmacy, and Classics. These units are now in the process of responding to the recommendations and comments from external review teams. Once completed, they will be forwarded to the Vice President Academic for review of their action plans. Units that began their internal review included Architecture, English, Economics, Agribusiness and Agricultural Economics, Plant Science, Animal Science, Entomology, Soil Science and Food Science.

New Graduate Programs

- Master/Diploma of Pediatric Dentistry
 - awaiting funding approval (COPSE)
- Master of Science in Management
 - implementation September 2004
- Ph.D. in Cancer Control
 - implementation September 2004
- Master of Environment
 - implementation September 2004
- M.Sc. Geography
 - awaiting Graduate Studies approval
- M.A. School Psychology
 - awaiting Senate Approval
- Master of Public Health (M.P.H.)
 - external review, October 2004
- Ph.D. in Peace and Conflict Studies
 - external review, September 2004
- Ph.D. Design & Planning
 - external review, September 2004
- Multi-Faculty Ph.D. in Applied Health
 - external review, November 2004
- Ph.D., Native Studies
 - proposal, January 2005
- Post-Professional Master's/Doctorate in Architecture
 - proposal September 2005

Special Projects

- FGS re-designed its website to be more user friendly and provide “one-stop-shopping” for both prospective and current graduate students and staff on all aspects of U of M's graduate programs.
- The internal Administrative review of the Faculty's policies and procedures is continuing and an external assessment is expected in the fall of 2004.
- The Faculty is currently developing a comprehensive operations manual for all of its daily office procedures.

Conclusion

The Faculty of Graduate Studies will continue its bridge-building mission in 2004 – 2005. Communication and cooperation with individual units will continue to be a priority. Our vision continues to be the delivery of a world class graduate study program through partnership with members of the Faculty, the graduate students and the administrative staff. Graduate Studies will continue to uphold that the maintenance of standards in programs and the integrity of process will be for the benefit of each and every graduate student, past, present and yet to be admitted.

APPENDIX I

University of Manitoba Graduate Student Enrolment, 2001-2004

i) FULL TIME

<u>YEAR</u>	<u>Ph.D.</u>	<u>Master</u>	<u>TOTAL</u>	<u>Net Gain (loss)</u>	<u>% change</u>
01-02	483	1318	1801		
02-03	519	1390	1909	108	6.00%
03-04	567	1564	2131	222	11.63%

ii) PART TIME

<u>YEAR</u>	<u>Ph.D.</u>	<u>Master</u>	<u>TOTAL</u>	<u>Net Gain (loss)</u>	<u>% change</u>
01-02	68	648	716		
02-03	75	709	784	68	9.50%
03-04	76	746	822	38	4.84%

iii) TOTAL

<u>YEAR</u>	<u>Ph.D</u>	<u>Master</u>	<u>TOTAL</u>	<u>Net Gain (loss)</u>	<u>% change</u>
01-02	551	1966	2517		
02-03	594	2099	2693	176	6.99%
03-04	643	2310	2953	260	9.65%

Source: Office of Institutional Analysis. Figures are as at November 1, 2003
 Figures do not include occasional or pre-master's students

APPENDIX II

Graduate Student Enrolment by Faculty, 2001-2004

	Ph.D.	Master	Total	Net Gain (-loss)
AGRIC. & FOOD SCI.				
01-02	49	125	174	
02-03	45	114	159	-15
03-04	46	128	174	15
ARCHITECTURE				
01-02	N/A	206	206	
02-03	N/A	236	236	30
03-04	N/A	243	243	7
ARTS¹				
01-02	152	316	468	
02-03	152	328	480	12
03-04	135	319	454	-26
ASPER SCHOOL OF BUSINESS				
01-02	14	145	159	
02-03	15	145	160	1
03-04	17	137	154	-6
DENTISTRY				
01-02	3	20	23	
02-03	4	19	23	0
03-04	2	23	25	2
EDUCATION				
01-02	30	207	237	
02-03	29	251	280	43
03-04	32	272	304	24
ENGINEERING				
01-02	77	225	302	
02-03	99	243	342	40
03-04	118	265	383	41
ENVIRONMENT²				
01-02	N/A	N/A	N/A	
02-03	N/A	N/A	N/A	
03-04	36	87	123	
GRADUATE STUDIES				
01-02	34	11	45	
02-03	39	6	45	0
03-04	38	12	50	5
HUMAN ECOLOGY				
01-02	N/A	57	57	
02-03	N/A	38	38	-19
03-04	N/A	43	43	5
LAW				
01-02	N/A	5	5	
02-03	N/A	8	8	3
03-04	N/A	7	7	-1

APPENDIX II

	Ph.D.	Master	Total	Net Gain (-loss)
MED REHABILITATION³				
01-02	N/A	6	6	
02-03	N/A	7	7	1
03-04	N/A	47	47	40
MEDICINE				
01-02	86	154	240	
02-03	90	162	252	12
03-04	107	189	296	44
MUSIC				
01-02	N/A	4	4	
02-03	N/A	13	13	9
03-04	N/A	19	19	6
NURSING				
01-02	N/A	86	86	
02-03	N/A	94	94	8
03-04	N/A	96	96	2
PHARMACY				
01-02	11	7	18	
02-03	12	4	16	-2
03-04	13	4	17	1
PHYS ED. & REC. STUDIES				
01-02	N/A	32	32	
02-03	N/A	32	32	0
03-04	N/A	37	37	5
SCIENCE⁴				
01-02	80	156	236	
02-03	88	185	273	37
03-04	87	211	298	25
SOCIAL WORK				
01-02	5	153	158	
02-03	9	164	173	15
03-04	10	167	177	4
TOTAL				
01-02	551	1966	2517	
02-03	594	2099	2693	176
03-04	643	2310	2953	260

Notes:

1. The Faculty of Environment was formed in 2003-04, annexing the Department of Geography from the Faculty of Arts
2. The Faculty of Environment began operating in 2003-2004 consisting of Geography (Arts, Geological Sciences (Science) and the Natural Resources Institute
3. The Department of Occupational Therapy implemented a new Master's Program in 2003-04 with 41 students
4. The Faculty of Environment was formed in 2003-04, incorporating the Department of Geological Sciences from the Faculty of Science.

(Source: Office of Institutional Analysis, as at November 13, 2003)

APPENDIX III

University of Manitoba Graduate Degrees Awarded: 2001-2003

FACULTY	DEPARTMENT	2001			2002			2003		
		Master	Ph.D.	Total	Master	Ph.D.	Total	Master	Ph.D.	Total
AGRIC & FOOD SCI	AG BUS & AG ECON	3	0	3	5	1	6	1	0	1
	ANIMAL SCIENCE	2	1	3	3	3	6	4	2	6
	BIOSYSTEMS ENG.	5	0	5	4	4	8	5	4	9
	ENTOMOLOGY	1	1	2	2	1	3	5	2	7
	FOOD SCIENCE	6	n/a	6	4	n/a	4	6	n/a	6
	PLANT SCIENCE	13	4	17	9	5	14	10	4	14
	SOIL SCIENCE	5	0	5	3	1	4	5	0	5
	FACULTY TOTAL	35	6	41	30	15	45	36	12	48
ARCHITECTURE	ARCHITECTURE	16	n/a	16	17	n/a	17	22	n/a	22
	CITY PLANNING	10	n/a	10	5	n/a	5	9	n/a	9
	INTERIOR DESIGN	1	n/a	1	2	n/a	2	6	n/a	6
	LANDSCAPE ARCH.	14	n/a	14	16	n/a	16	8	n/a	8
	FACULTY TOTAL	41	n/a	41	40	n/a	40	45	n/a	45
ARTS	ANTHROPOLOGY	2	0	2	11	1	12	6	3	9
	CANADIAN STUDIES	0	n/a	0	0	n/a	0	1	n/a	1
	CLASSICS	1	n/a	1	0	n/a	0	0	n/a	0
	ECONOMICS	5	2	7	5	4	9	10	1	11
	ENGLISH	8	2	10	14	3	17	13	3	16
	FRENCH	1	0	1	2	0	2	1	1	2
	GERMAN	0	n/a	0	0	n/a	0	1	n/a	1
	GEOGRAPHY	5	3	8	4	0	4	1	1	2
	HISTORY	15	1	16	8	4	12	10	3	13
	ICELANDIC STUDIES	0	n/a	0	0	n/a	0	0	n/a	0
	LINGUISTICS	3	0	3	1	0	1	1	0	1
	NATIVE STUDIES	0	0	0	0	n/a	0	1	n/a	1
	PHILOSOPHY	1	n/a	1	4	n/a	4	5	n/a	5
	POLITICAL ST.	3	n/a	3	5	n/a	5	4	n/a	4
	PSYCHOLOGY	12	7	19	8	7	15	8	2	10
	PUBLIC ADMIN.	15	n/a	15	21	n/a	21	16	n/a	16
RELIGION	3	0	3	0	0	0	0	0	0	
SOCIOLOGY	8	0	8	7	1	8	4	1	5	
	FACULTY TOTAL	82	15	97	90	20	110	82	15	97
ASPER SCHOOL OF BUSINESS	FINANCE	10	n/a	10	8	n/a	8	11	n/a	11
	MBA	35	n/a	35	24	n/a	24	40	n/a	40
	MANAGEMENT	4	n/a	4	8	n/a	8	6	n/a	6
	MGMT Ph.D.	n/a	2	2	n/a	0	0	n/a	2	2
	FACULTY TOTAL	49	2	51	49	0	49	57	2	59
DENTISTRY	DENT DIAG/SURG	4	n/a	3	0	n/a	0	2	n/a	2
	ORAL BIOLOGY	0	0	2	1	0	1	0	0	0
	PREVENTIVE	2	n/a	1	3	n/a	3	2	n/a	2
	FACULTY TOTAL	6	0	6	4	0	4	4	0	4
EDUCATION	ED ADMIN & FOUND	9	n/a	9	7	n/a	7	0	n/a	0
	ED. ADM. FDN. & PSY.	16	n/a	16	16	n/a	16	30	n/a	30
	EDUC PSYCHOLOGY	4	n/a	4	5	n/a	5	4	n/a	4
	EDUC ST-BON	6	n/a	6	4	n/a	4	16	n/a	16
	EDUCATION Ph.D.	n/a	4	4	n/a	8	8	n/a	5	5
	HUMAN&SOCIAL SC	16	n/a	16	6	n/a	6	3	n/a	3
	MATH AND NAT.SC	5	n/a	5	5	n/a	5	4	n/a	4
	CURRICULUM, TEACH & LRN	4	n/a	4	4	n/a	4	9	n/a	9
	FACULTY TOTAL	60	4	64	47	8	55	66	5	71
ENGINEERING	CIVIL	10	7	17	12	3	15	11	2	13
	ELECTRICAL & COMPUTER	21	9	30	22	6	28	26	2	28
	MECHANICAL	13	2	15	20	4	24	10	2	12
	FACULTY TOTAL	44	18	62	54	13	67	47	6	53

FACULTY	DEPARTMENT	2001			2002			2003		
		Master	Ph.D.	Total	Master	Ph.D.	Total	Master	Ph.D.	Total
GRAD STUDIES	FOOD&NUTR SCI	n/a	1	1	n/a	1	1	n/a	1	1
	INTERDISC. PROG.	3	9	12	5	1	6	3	5	8
	FACULTY TOTAL	3	10	13	5	2	7	3	6	9
HUMAN ECOLOGY	CLOTHING&TEXTIL	2	n/a	2	8	n/a	8	1	n/a	1
	FAMILY SOCIAL SCIENCES	3	n/a	3	3	n/a	3	2	n/a	2
	HUMAN NUTRITIONAL SCI	6	n/a	6	7	n/a	7	5	n/a	5
	FACULTY TOTAL	11	n/a	11	18	n/a	18	8	n/a	8
LAW		4	n/a	4	1	n/a	1	0	n/a	0
MEDICAL REHAB.		1	n/a	1	3	n/a	3	0	n/a	0
MEDICINE										
	ANATOMY	0	1	1	0	0	0	0	0	0
	BIOCHEM & MED GENETICS	0	2	2	4	1	5	4	1	5
	COMM HEALTH SC	8	1	9	6	2	8	9	4	13
	GENETICS	0	0	0	2	0	2	2	1	3
	IMMUNOLOGY	1	0	1	3	0	3	1	0	1
	MED.MICROBIO.	6	2	8	2	2	4	4	0	4
	PATHOLOGY	2	n/a	2	0	n/a	0	1	n/a	1
	PHARM.&THERAP.	1	3	4	2	2	4	2	2	4
	PHYSIOLOGY	4	5	9	5	4	9	9	3	12
	SURGERY	0	n/a	0	0	n/a	0	0	n/a	0
	FACULTY TOTAL	22	14	36	24	11	35	32	11	43
MUSIC		n/a	n/a	n/a	n/a	n/a	n/a	1	n/a	1
NATUR RES INST.		17	n/a	17	15	1	16	9	2	11
NURSING		12	n/a	12	13	n/a	13	14	n/a	14
PHARMACY		2	0	2	3	2	5	1	0	1
PHYS ED /REC ST		13	n/a	13	7	n/a	7	4	n/a	4
SOCIAL WORK										
	SOC CLINIC INT	22	n/a	22	15	n/a	15	21	n/a	21
	SOC PL POL & AD	9	n/a	9	8	0	8	8	n/a	8
	Ph.D.	n/a	0	0	n/a	0	0	n/a	0	0
	FACULTY TOTAL	31	0	31	23	0	23	29	0	29
SCIENCE										
	MATH, COMP & STAT SCI	1	n/a	1	1	n/a	1	0	0	0
	BOTANY	9	1	10	5	4	9	5	0	5
	CHEMISTRY	3	0	3	7	4	11	0	3	3
	COMPUTER SC.	4	2	6	6	0	6	10	1	11
	GEOLOGICAL SC.	2	4	6	3	1	4	3	1	4
	MATHEMATICS	2	0	2	0	0	0	0	0	0
	MICROBIOLOGY	1	1	2	4	1	5	2	3	5
	PHYSICS	2	7	9	5	3	8	2	1	3
	STATISTICS	0	1	1	2	2	4	8	1	9
	ZOOLOGY	4	0	4	4	0	4	8	3	11
	FACULTY TOTAL	28	16	44	37	15	52	38	13	51
TABLE TOTAL		461	85	546	463	87	550	476	72	548

1. 2001 data source: 2001 Degrees Report; 2002 data source: 2002 Degrees Report; 2003 data source: 2003 Degrees Report;

APPENDIX IV

Distribution of Visa Graduate Students by Faculty/School and Country of Origin, 2003-2004 Regular Session

FACULTY	DEPARTMENT	CONTINENT	COUNTRY	First Admissions	Continuing	Grand Total	
Ag. & Food Sci.	AGBUS & AG ECON	Asia	China		2	2	
			Korea	1		1	
			Sri Lanka		1	1	
	ANIMAL SCIENCE	Africa	Zimbabwe		1	1	
			Nigeria		2	2	
			Asia	China	1	2	3
	BIOSYSTEMS ENG.	Asia	India	1		1	
			Pakistan		1	1	
			Libya		1	1	
		Europe	Malaysia		1	1	
			Sri Lanka		1	1	
			Poland		1	1	
			China	1	3	4	
		ENTOMOLOGY	Middle East	Iran	1		1
				Egypt		1	1
			North & Central America	U.S.A		1	1
	Asia			Bangladesh		1	1
	Sri Lanka				1	1	
	FOOD SCIENCE	North & Central America	Mexico		1	1	
			Trinidad and Tobago		1	1	
		South America	Peru		1	1	
			Venezuela		1	1	
			Asia	India	1	1	2
		Europe	Malaysia		1	1	
			China		1	1	
	France		1	1			
	PLANT SCIENCE	Asia	China	1	3	4	
			India		1	1	
	SOIL SCIENCE	Africa	Iran	1	2	3	
			Nigeria		1	1	
	China		2	2			
	Faculty Total			11	44	55	
	Architecture	ARCHITECTURE	Asia	India		1	1
				China		3	3
		CITY PLANNING	Africa	Hong Kong		1	1
				Kenya		1	1
				Botswana	1		1
		INTERIOR DESIGN	South America	Colombia		1	1
				Asia	Korea, South		1
			Europe	India		1	1
				China	2		2
Ukraine					1	1	
Asia				China	1		1
LANDSCAPE ARCH.		Asia	India		1	1	
			Hong Kong		1	1	
			India		1	1	
		Africa	Nigeria		1	1	
			Faculty Total		5	15	20
Arts		ANTHROPOLOGY	Asia	Japan		1	1
	Bangladesh				1	1	
	China				1	1	
	CDN ST.(ST.BONI)	South America	Uruguay		1	1	
			Europe	France		1	1
	ECONOMICS	Africa	Tanzania		1	1	
			Ghana		1	1	
			South Africa		1	1	
		North & Central America	Nigeria	1		1	
			U.S.A		2	2	
			Asia	Bangladesh	1	2	3
			China	7	7	14	
			India		1	1	
			Europe	Hungary		1	1
			Middle East	Iran		1	1
	ENGLISH	Asia	China		1	1	
			Korea, South		1	1	
			Ukraine		1	1	
			Germany		1	1	
	GERMAN HISTORY	Europe	Ukraine		1	1	
			Germany		1	1	
	ICELANDIC LINGUISTICS	North & Central America	U.S.A	1		1	
			Asia	Japan		1	1
	POLITICAL ST.	Middle East	Korea, South		1	1	
			Iran		2	2	
			Africa	Kenya		1	1
		Asia	Bangladesh		2	2	
			Japan		1	1	
			Thailand		1	1	
	PUBLIC ADMIN	North & Central America	U.S.A		1	1	
Europe			Germany		1	1	
Europe		Mexico		1	1		
		St. Lucia		1	1		
PSYCHOLOGY	Asia	Ukraine	1		1		
		Japan	1		2		
		China		1	1		
RELIGION	North & Central America	U.S.A		2	2		
		Asia	China	1		1	
Faculty Total			13	43	56		

FACULTY	DEPARTMENT	CONTINENT	COUNTRY	First Admissions	Continuing	Grand Total		
Dentistry	PREV DENTAL SC PERIODONTICS	North & Central America	U.S.A.		1	1		
		Middle East	Libya		1	1		
	ORAL & MAX SURG	Middle East	Kuwait		1	1		
			Saudi Arabia		1	1		
			Faculty Total	0	4	4		
Education	ED ADM FDN PSYCH	Asia	China		1	1		
			South Korea	1		1		
	CURR/TEACH/LEARN	Asia	China		1	1		
			Japan	1		1		
			South Korea	2		2		
			Taiwan		1	1		
	Ph.D.	North & Central America	Trinidad and Tobago		1	1		
		Asia	China	1		1		
			Faculty Total	5	4	9		
		Engineering	CIVIL ENG	Africa	Egypt		1	1
North & Central America	Costa Rica				1	1		
South America	Columbia				2	2		
Asia	China				2	2		
	India			1	2	3		
	Korea, South				2	2		
	Indonesia				1	1		
	Nepal				2	2		
	Thailand				1	1		
	Poland				2	2		
	Iran				2	2		
	ELEC & COMP ENG			Africa	Botswana		1	1
				North & Central America	Mexico	1	1	2
South America				Brazil		1	1	
Asia				Bangladesh		5	5	
				Sri Lanka	1	7	8	
				China	2	5	7	
				Hong Kong		1	1	
				India	1	3	4	
				Indonesia	1		1	
			Malaysia		1	1		
	Taiwan			1	1			
	Thailand		1	1	2			
	South Korea			1	1			
Viet Nam			2	2				
Europe	Poland			1	1			
Middle East	Iran		2	16	18			
MECHANICAL ENG.	Africa		Saudi Arabia		1	1		
			Nigeria		5	5		
			Ghana	1	1	2		
			Egypt		1	1		
			North & Central America	Mexico		1	1	
			Asia	Bangladesh		2	2	
	China		1	8	9			
	India		2	7	9			
	Indonesia		1	1	2			
	South America		Venezuela		1	1		
	Europe		Slovenia		1	1		
	Middle East		Iran	1	1	2		
	Iraq			1	1			
	Kuwait			1	1			
	Faculty Total		16	97	113			
	Environment		GEOGRAPHY	Europe	Germany		1	1
					Finland	1		1
				Asia	China	1		1
GEOLOGICAL SC. NRI				Europe	Russia		1	1
				Africa	Kenya		1	1
			South America	Guyana		1	1	
			Asia	Bangladesh		1	1	
				China		1	1	
India		1		2	3			
Thailand			1	1				
Europe		Sweden		1	1			
Iceland		1		1				
France		1		1				
North & Central America		Jamaica		1	1			
Faculty Total		5	11	16				
Grad Studies	DISABILITY STUDIES INTERDISC PROG FOOD&NUTL SCI	Oceania	Australia		1	1		
		North & Central America	U.S.A.		1	1		
		South America	Peru		1	1		
			Uruguay		1	1		
		Asia	India		3	3		
			Korea, South		1	1		
			China		1	1		
		Middle East	Jordan		3	3		
		Faculty Total	0	12	12			
		Human Ecology	CLOTHING&TEXTIL	Asia	China		1	1
Africa	Zambia				1	1		
FAMILY SOC SCIENCES	Asia		Japan		1	1		
	Asia		China		1	1		
HUMAN NUT. SCI.	Asia		India	1	2	3		
			Hong Kong		1	1		
			Taiwan		1	1		
			Oceania	Australia		1	1	
	Middle East		Saudi Arabia		1	1		
	Africa		Nigeria		1	1		
	Faculty Total		1	11	12			

FACULTY	DEPARTMENT	CONTINENT	COUNTRY	First Admissions	Continuing	Grand Total		
I.H. Asper School of Business	MBA	North & Central America	U.S.A		1	1		
			Asia	Malaysia		1	1	
					India		1	1
					China		5	5
					Turkey		1	1
		Ph.D.	Europe	Ukraine		1	1	
	Asia		India		1	1		
				Faculty Total	0	11	11	
	Medicine	BIOCHEM	Africa	Burundi		1	1	
				Asia	Korea, South		1	1
					China	1		1
					India	3	2	5
				South America	Peru	1		1
				Europe	Russia	1		1
				Middle East	Iran	1	1	2
COMM HEALTH SC			Africa	South Africa		1	1	1
			Europe	Eire		1	1	1
				Middle East	Iran	1		1
			Asia	Bangladesh		1	1	
			Asia	China		1	1	
HUMAN ANATOMY				Africa		1	1	
				Asia		1	1	
				China		1	1	
				Europe		1	1	
				Switzerland		1	1	
MED.MICROBIO.			North & Central America	U.S.A		1	1	
				Asia		5	5	
				Europe	Croatia		1	1
				Asia	India		2	2
				Europe	Portugal	1	1	2
MED REHAB PHARM.&THERAP. PHYSIOLOGY				Asia		1	1	
				China		1	1	
				Europe		1	1	
				North & Central America	U.S.A		1	1
				Asia	China		5	5
				Europe	Croatia		1	1
				Asia	India		2	2
				Europe	Portugal	1	1	2
			Asia	Turkey		1	1	
				China		1	1	
			India	1	6	7		
			Thailand		1	1		
			Hungary		1	1		
			Rumania	2	2	4		
			Faculty Total	12	35	47		
Music		North & Central America	U.S.A		2	2		
		Oceania	Australia		1	1		
		Asia	South Korea		1	1		
		Europe	England		1	1		
			Faculty Total		5	5		
Pharmacy		Asia	China	1		1		
		Faculty Total		1	1			
Phys. Ed/Rec. St.	PHYSICAL EDUC.	Africa	South Africa		1	1		
	REC. STUDIES	Asia	China	1	1	2		
		Faculty Total		1	2	3		
Science	BOTANY	Middle East	Iran		1	1		
			Africa	Egypt		1	1	
		CHEMISTRY	South America	Brazil		1	1	
				Asia	Sri Lanka		1	1
					South Korea		1	1
				China		1	1	
				India		1	1	
	COMPUTER SC.	Africa		Nigeria		7	7	
			Asia	Bangladesh	2	12	14	
				China	1	4	5	
				South Korea		1	1	
				Vietnam		1	1	
				India		21	21	
				Iran		1	1	
		MATH	Asia	China	2	2	4	
			North & Central America	U.S.A	1		1	
			Middle East	Iran		2	2	
	MICROBIOLOGY	Africa	Nigeria		1	1		
		Asia	India		4	4		
			Thailand		1	1		
	PHYSICS	Asia	China	3	4	7		
		Middle East	Iran		1	1		
		Europe	Belarus		1	1		
			Russia		1	1		
	STATISTICS	Africa	Botswana		1	1		
		Asia	China	1	2	3		
			Hong Kong		1	1		
	ZOOLOGY	North & Central America	U.S.A	1	4	5		
		Asia	China		1	1		
		Africa	Nigeria		1	1		
Europe		Italy		1	1			
		Faculty Total		11	82	93		
Social Work	Asia	Korea, South	1	2	3			
	Africa	Sierra Leone		1	1			
	North & Central America	U.S.A.		1	1			
		Trinidad & Tobago		1	1			
		Europe	Ukraine		1	1		
		Faculty Total		1	6	7		
		Grand Total		82	382	464		

Source: Office of Institutional Analysis

APPENDIX V

Distribution of Visa Graduate Students by Country of Origin, 2003-2004 Regular Session

CONTINENT	COUNTRY	<u>First Admissions</u>	<u>Continuing</u>	Grand Total
AFRICA	Botswana	1	2	3
	Burundi		1	1
	Egypt		5	5
	Ghana	1	2	3
	Kenya		3	3
	Libya		2	2
	Nigeria	1	19	20
	Sierra Leone		1	1
	South Africa		3	3
	Tanzania		1	1
	Zambia		1	1
	Zimbabwe		1	1
	Total		3	41
ASIA	Bangladesh	3	27	30
	China	29	76	105
	Hong Kong		5	5
	India	16	71	87
	Indonesia	2	2	4
	Japan	2	5	7
	Malaysia		4	4
	Nepal		2	2
	Pakistan		1	1
	South Korea	5	15	20
	Sri Lanka	1	11	12
	Taiwan		3	3
	Thailand	1	6	7
	Turkey		2	2
	Viet Nam		3	3
Total		59	233	292
EUROPE	Belarus		1	1
	Croatia		1	1
	Eire		1	1
	England		1	1
	Finland		1	1
	France	1	2	3
	Germany		3	3
	Hungary		2	2
	Iceland	1		1
	Italy		1	1
	Poland		4	4
	Portugal	1	1	2
	Rumania	2	2	4
	Russia	2	2	4
	Slovenia		1	1
	Sweden		1	1
Switzerland		1	1	
Ukraine	1	3	4	
Total		8	28	36

APPENDIX V

Distribution of Visa Graduate Students by Country of Origin, 2003-2004 Regular Session

CONTINENT	COUNTRY	<u>First Admissions</u>	<u>Continuing</u>	Grand Total
MIDDLE EAST	Iran	7	30	37
	Iraq		1	1
	Jordan		3	3
	Kuwait		2	2
	Saudi Arabia		3	3
Total		7	39	46
NORTH & CENTRAL AMERICA	Costa Rica		1	1
	Jamaica		1	1
	Mexico	1	4	5
	Jamaica		2	2
	St. Lucia		1	1
	Trinidad and Tobago		3	3
	U.S.A	3	17	20
Total		4	29	33
OCEANIA	Australia		3	3
SOUTH AMERICA	Brazil		2	2
	Colombia		3	3
	Guyana		1	1
	Peru	1	2	3
	Uruguay		2	2
	Venezuela		2	2
Total		1	12	13
Grand Total		82	382	464

APPENDIX VI

UMGF 2003-2004

Received an additional \$100,000 to the UMGF baseline and an additional \$150,000 to the UMGF budget line. Value: Ph.D. \$16,000 Masters - \$12,000

Numbers of applications received at Graduate Studies	286
Not recommended by departments & low GPA's	34

Number of applications forwarded to Awards Committee	286
- Master's	173
- Ph.D.	113
- No. forwarded to SSHRC sub-committee	115 – 40%
- No. forwarded to NSERC sub-committee	135 – 47%
- No. forwarded to MHS sub-committee	36 – 13%

Total number of new awards offered	150
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Total number of Awards Accepted	83
- Cdn. & Permanent Residents	56
- Visa (Ph.D. – 18, Mstr. – 11)	27

- Masters Awarded	48
- Ph.Ds Awarded	35

Total awarded to SSH applicants	36 – 43%
Total awarded to NSE applicants	36 – 43%
Total awarded to MHS applicants	11 – 14%

Total number of awards declined	67
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Declined because receiving a National Award	37
Declined because attending another university	8
Declined because working full-time or withdrew	4
Declined for other reasons	18

Total number of students receiving new top-up awards

NSERC	28
SSHRC	22
CIHR	5
OTHER	2

Total amount disburses for top-ups: \$293,794 (including renewals)

APPENDIX VII

New UMGF'S AWARDED BY FACULTY/DEPARTMENT

<u>Faculty of Agricultural and Food Sciences</u>	2001/02	2002/03	2003/04
Agribusiness and Agricultural Economics	0	0	0
Animal Science	0	1	0
Entomology	1	0	1
Food Science	1	0	1
Plant Science	5	1	0
Soil Science	2	2	1
TOTAL	9	4	3

Faculty of Architecture

Architecture	2	2	2
City Planning	1	2	0
Interior Design	0	0	2
Landscape Architecture	2	0	2
TOTAL	5	4	6

Faculty of Arts

Anthropology	2	4	1
Classics	0	1	0
Economics	6	3	2
English	8	7	5
French, Spanish & Italian	1	0	0
German & Slavic Studies	1	0	0
History	4	6	2
Icelandic	0	0	0
Linguistics	2	2	0
Philosophy	2	1	1
Political Studies	1	4	2
Public Administration	0	1	1
Psychology	7	14	5
Religion	1	2	2
Sociology	2	5	1
TOTAL	39	51	25

I.H. Asper School of Business

M.B.A.	0	0	0
Ph.D.	4	2	1
TOTAL	4	2	1

APPENDIX VII

<u>Faculty of Dentistry</u>	2001/02	2002/03	2003/04
Dental Diagnostic & Surgical Sciences	0	0	0
Oral Biology	2	0	0
Preventative Dentistry	0	0	0
TOTAL	2	0	0
<u>Education</u>			
Curriculum, Teaching and Learning	2	1	1
Ed. Admin Foundations and Psychology	2	1	0
Ph.D.	0	3	1
TOTAL	4	5	2
<u>Engineering</u>			
Biosystems	4	2	1
Civil	4	3	2
Electrical & Computer	9	6	6
Mechanical & Manufacturing	6	7	3
TOTAL	23	18	12
<u>Environment</u>			
Geography	2	1	3
Geological Sciences	2	1	0
Natural Resources Institute	3	3	3
TOTAL	7	5	6
<u>Human Ecology</u>			
Clothing & Textiles	0	0	0
Family Social Sciences	3	1	0
Human Nutritional Sciences	3	3	0
TOTAL	6	4	0
<u>Interdepartmental & Interdisciplinary Programs</u>			
Ph.D. in Foods & Nutritional Science	1	0	0
I.I.P.	2	2	0
Native Studies IDP	1	1	0
Genetics	0	1	0
TOTAL	4	4	0

APPENDIX VII

	2001/02	2002/03	2003/04
<u>Law</u>	0	1	0
<u>Medicine</u>			
Biochemistry and Medical Genetics	1	3	1
Community Health Sciences	2	2	2
Human Anatomy & Cell Science	0	0	1
Immunology	1	0	0
Medical Microbiology	3	1	2
Medical Rehabilitation	0	1	0
Pathology	0	1	0
Pharmacology. & Therapeutics	1	1	0
Physiology	1	4	2
Surgery	0	0	0
TOTAL	9	13	8
<u>Nursing</u>	1	1	1
<u>Pharmacy</u>	2	3	1
<u>Physical Education & Recreation Studies</u>	0	1	1
<u>Science</u>			
Botany	3	0	2
Chemistry	5	0	2
Computer Sciences	3	4	4
Mathematics	1	0	1
Microbiology	3	2	1
Physics & Astronomy	3	0	1
Statistics	1	0	2
Zoology	7	2	6
TOTAL	27	9	19
<u>Social Work</u>	1	3	1
<u>TOTAL</u>	139	125	83

APPENDIX VIII

NSERC POSTGRADUATE SCHOLARSHIPS 2001-2004

	2001/02	2002/03	2003/04
1. Applications submitted to departments by students	108	127	116
2. Applications not recommended by departments	2	4	11
3. Applicants ineligible - not forwarded to Awards Committee or forwarded to NSERC directly	5	8	9
4. Applications submitted to Awards Committee and recommended by departments	101	115	97
5. Applications recommended to NSERC by Awards Comm.	70	72	73

Breakdown of awarded applications:

	<u>2001/02</u>		<u>2002/03</u>		<u>2003/04</u>	
	PGSA	PGSB	PGSA	PGSB	PGSA	PGSB
Cellular & Molecular Biology	4	3	6	2	6	1
Computer & Mathematical Science	8	3	5	0	5	1
Earth Science & Ecology	5	2	4	3	8	2
Engineering	6	1	10	3	7	6
Life Science & Psychology	11	3	7	4	7	2
Physics & Chemistry	3	1	2	4	0	1
TOTALS	37	13	34	16	33	13

CGS Awarded

PGSA – 7 PGSB – 2

SUCCESS RATE FOR NEW AWARDS

	<u>01/02</u>	<u>02/03</u>	<u>03/04</u>
Highly Recommended Applications	101	115	97
Recommended to NSERC	70	72	73
Awarded by NSERC	50	50	55
Overall Success Rate	66%	71%	75%

APPENDIX IX

**SOCIAL SCIENCES AND HUMANITIES RESEARCH
COUNCIL SCHOLARSHIPS 2001-2004**

<u>Department</u>	<u>2001-2002</u>	<u>2002-2003</u>	<u>2003-2004</u>
Anthropology	1	0	1
Botany	0	0	1
Community Health Sci.	0	1	0
Economics	0	0	1
Education	0	0	1
English	0	0	2
French, Spanish & Italian	0	1	0
History	0	1	1
IIP	1	0	1
Linguistics	1	0	0
Management	1	2	1
N.R.I	0	1	0
Philosophy	0	1	1
Psychology	2	4	2
Sociology	1	0	1
TOTALS	7	11	13

SUCCESS RATES FOR NEW AWARDS

	<u>01/02</u>	<u>02/03</u>	<u>03/04</u>
# of eligible applications received at Graduate Studies	31	32	44
Forwarded to SSHRC	23	23	25
Awarded by SSHRC	7	11	13
Overall Success Rate	30%	48%	52%

APPENDIX X

FACULTY OF GRADUATE STUDIES SUPPORTED EVENTS

Libraries	Electronic Theses Conference, July 2003, \$750
English	Winnipeg International Writer's Festival September, 2003 - \$500
History	Canadian Association of American Studies Conference October, 2003 - \$750
Physics	Physics Recruitment Fair, November, 2003 - \$450
GSA	Graduate Student Leadership Conference September, 2003 - \$750
Chemistry	Robin Connor Lectureship, January, 2004 - \$500
History	James Jackson Memorial Lecture February 2004 - \$350
History	Interdisciplinary Research Circle on Globalization and Cosmopolitanism – March, 2004 - \$500
Zoology	Lubinsky Memorial Lecture, March, 2004 - \$200
Native Studies	Elders Gathering, February, 2004 - \$500
Institute for the Humanities	A Botanical & Literary History of Opium March, 2004 - \$500
Mosaic	Mosaic Journal Conference, March, 2004 - \$500
World WISE	1 st Annual Photo Contest, March, 2004 - \$300
English	Sidnay Warhaft Lecture, February, 2004 - \$500
Political Studies	Political Studies Students' Conference February, 2004 - \$500
History	Fort Garry Lectures May 2004 - \$500
Medicine	Canadian Students Health Research Forum June, 2004 - \$3000
Physics & Astronomy	Cdn. Astronomy Society Graduate Student Workshop June, 2004 - \$500
Student Advocacy	CACUSS 2004 June, 2004 - \$100