

SIMON FRASER UNIVERSITY

Senate Committee on University Priorities Memorandum

TO: Senate

FROM: John Waterhouse
Chair, SCUP
Vice President, Academic

RE: Proposal for a PhD program in
Gerontology in the Faculty of Arts and
Social Sciences (SCUP 07-61)

DATE: November 13, 2007

At its October 24, 2007 meeting SCUP reviewed and approved the proposal from the Faculty of Arts and Social Sciences for a Ph.D. program in Gerontology.

Motion

That Senate approve and recommend to the Board of Governors, the proposal for a Ph.D. program in Gerontology in the Faculty of Arts and Social Sciences.

encl.

c: A. Wister
L. Cormack
J. Driver

MEMO

Dean of
Graduate Studies

STREET ADDRESS
Maggie Benston Student
Services Centre 1100
Burnaby BC V5A 1A6
Canada

MAILING ADDRESS
8888 University Drive
Burnaby BC V5A 1A6
Canada

TO Senate Committee on University Priorities

ATTENTION Sarah Dench

TEL

FROM Jonathan Driver, SGSC

RE Faculty of Arts & Social Sciences: New program proposal

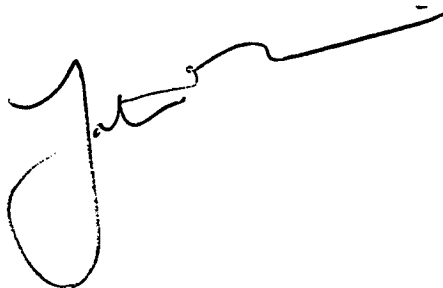
PhD Program in Gerontology (GS2007.24)

DATE September 25, 2007

TIME 12:28 PM

At its 13th August 2007 meeting Senate Graduate Studies Committee unanimously approved the enclosed proposal for a Doctoral Program in Gerontology.

I am forwarding this to SCUP, with the recommendation that the program be approved. In addition to the full proposal, I also enclosed copies of the new course proposals, external reviews of the program, and curriculum vitae of the faculty.



c: A. Wister, Gerontology
M. A Gillies, Arts & Social Sciences

MEMO

Dean of
Graduate Studies

STREET ADDRESS

Maggie Benston Student
Services Centre 1100
Burnaby BC V5A 1A6
Canada

MAILING ADDRESS

8888 University Drive
Burnaby BC V5A 1A6
Canada

TO Jon Driver, SGSC

TEL

FROM Trude Heift, ACNGP

RE PhD in Gerontology

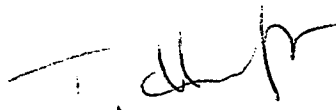
DATE June 7, 2007

TIME 3:19 PM

At the ACNGP meeting of 14th May 2007 the committee unanimously recommended that the proposed PhD Program in Gerontology be forwarded to SGSC, with the recommendation that it be approved, pending the following revisions:

1. adjust the number of members on the student's supervisory committee to "normally 3" by rewording the requirements on p. 4 of the proposal;
2. add a course number for the PhD thesis course

These changes have now been made and the concerns raised by ACNGP have been addressed.



PROPOSAL FOR PHD PROGRAM IN GERONTOLOGY

25 January	2006	"Notice of Intent" and supplementary information approved "in principle" by Senate Committee on University Priorities
31 October	2006	Received program proposal from Department of Gerontology
11 December	2006	Reviewed by Assessment Committee for New Graduate Programs
15 January	2007	Received revised program proposal from Department of Gerontology
20 March	2007	Sent proposal to five external reviewers by Dean of Graduate Studies
30 April	2007	Received three external reviewers' reports by Dean of Graduate Studies
7 May	2007	Sent external reviewers' reports to Department of Gerontology for response
11 May	2007	Received departmental response to external reviewers' reports from Department of Gerontology
14 May	2007	Reviewed by Assessment Committee for New Graduate Programs
17 May	2007	Received the fourth external reviewer's report by Dean of Graduate Studies, and sent to Department of Gerontology
7 June	2007	Received revised program proposal from Department of Gerontology
22 June	2007	Submitted to Senate Graduate Studies Committee

**FULL PROGRAM PROPOSAL FOR A Ph.D. IN
GERONTOLOGY AT SIMON FRASER UNIVERSITY
(May 14, 2007)**

Program Title: Ph.D. Program, Department of Gerontology

Credential to be Awarded: Doctor of Philosophy in Gerontology (Ph.D.)

Department of Gerontology Contact

Dr. Andrew Wister, Chair
Department of Gerontology
Simon Fraser University @ Harbour Centre
Phone: 604-291-5044, Fax: 604-291-5066 Email: wister@sfu.ca

1) **Executive Summary**

The Department of Gerontology is proposing a new and exciting Ph.D. in Gerontology at Simon Fraser University to begin September 2007. This program will be built upon the highly successful Masters Program. We are proposing a doctoral degree that will coincide with the two current streams being offered: a) Aging and Environment, and b) Health and Aging. The timing of the proposed Ph.D. is advantageous for a number of reasons. First, the growth in population aging and the aging of the baby boomers has raised the visibility and importance of gerontology, and has created an enormous demand to fill aging-related jobs in academic, government, NGOs, and private employment environments. Second, there has been an expansion in the number of undergraduate and graduate programs offering aging and gerontology training, which places Simon Fraser University at the cutting edge of a rapidly developing discipline. Third, the synergies available between the Gerontology Program and Gerontology Research Centre (GRC) provide graduate students with an enriched educational and training experience, as well as opportunities to apply their skills in a research setting. Fourth, this development also dovetails with SFU's commitment and strategic priority to expanding health education.

The Department of Gerontology has 24 years of experience in providing interdisciplinary education and research. It has grown extensively since the GRC was established in 1982 and the Post-baccalaureate Diploma in Gerontology was introduced in 1983. A Masters of Arts in Gerontology was initiated in 1996 and an undergraduate Minor in Gerontology in 1999. The Gerontology Program gained departmental status September 1, 2004. We offer approximately 26 Gerontology-designated courses per year enrolling over 750 students, including 27 graduate students. Each year over 170 students take GERO 300 Introduction to Gerontology. Aging-related courses in other departments enroll over 300 additional students. We have graduated almost 300 Diploma students, 45 M.A. students, and 75 minors. Our MA Program offers the first and largest graduate

training program in Gerontology in Canada and it attracts the top graduate students from across the country.

The MA Program in Gerontology began graduating students in 1998, and has averaged approximately six per year. Even though we are a relatively small department, a strong emphasis is placed on providing high quality graduate supervision. The average completion time is about 2.3 years, which is shorter than the average for the full Faculty of Arts and Social Sciences. In the June convocation, of the 17 Masters degrees conferred from the Faculty of Arts and Social Sciences, four were from the Gerontology Department. Our graduate program supports approximately 27 students at any given time, of which half are thesis stream and half are project stream. Since 1998, we have had seven of our 45 M.A. graduates enter Ph.D. programs in Canada, United States, and Taiwan. Two have completed their doctoral degree; one of whom has a tenure-stream position at the University of Alberta, the other holds a senior administrative position at a health unit in Colorado. The others are in progress. Furthermore, tracking of our graduates demonstrates that approximately 90% obtained jobs for which they were trained, many of whom received offers before completion of their degree. Comparative analysis against other small graduate programs using these performance indicators, such as drop-out and retention rates; average completion time; quality of theses; and percentage of M.A. students continuing into a Ph.D. program, are indicative of a very successful graduate program. Thus, the development of a Ph.D. is a logical extension of graduate education at SFU in gerontology. The proposed program also addresses the increasing demand at the national level for individuals with specialized training in this field.

The implementation of a Ph.D. in Gerontology is consistent with the strategic plan of the university to expand graduate health education and research, especially in areas in which there are demonstrated employment needs. The new MPH program being offered through the Faculty of Health Sciences and our graduate programs will be mutually supportive with respect to course offerings and supervisory support.

1) Admission Requirements & Enrolment

Since a Ph.D. in Gerontology is a specialized degree, it is important to admit students who have foundation training and skills. Prospective students will come from various disciplines but will have a common set of generic knowledge in gerontology or aging studies.

i. *Admission Requirements and Enrolment*

Admission into the doctoral program will require a Masters degree in Gerontology or a Masters degree from another discipline in which a significant

amount of coursework and/or thesis research has dealt with aging or the aged. Students will be evaluated on an individual basis. Those not meeting these requirements will need to take preparatory coursework equivalent to a Masters in Gerontology or Aging Studies. It is recommended that prospective candidates have at least a 3.5 GPA. In addition, there must be supervisory capacity in the department to support the candidate's dissertation research.

ii. *Enrolment*

It is anticipated that our doctoral program will support between 6 to 8 students at any given time. Given the size of the M.A. in Gerontology, there will be an adequate and supportive graduate environment. We expect that students will originate from programs from other provinces, as well as international students. We also encourage exceptional students to apply from our Masters Program in Gerontology.

2) Curriculum

The PhD in Gerontology will prepare students for academic careers and/or professional careers in positions of leadership, research, and/or policy with a concentration in: 1) Environment and Aging; or 2) Health and Aging.

i. *Interdisciplinary Scientific and Methodological Training*

The proposed doctoral program will provide students with specialized, advanced graduate training in gerontology. The pedagogical approach guiding the doctoral training will emphasize developing skills related to: interdisciplinary basic and applied research; theoretical knowledge; specialization in a cluster of substantive topics; critical thinking; and policy development and analysis. Current and proposed graduate courses will use small seminar style teaching environments in which students critically review and synthesize interdisciplinary literature; lead seminars; develop research projects; learn methodological skills to evaluate programs, analyze various types of data, and interpret results; write high quality papers on specialized topics, and cultivate the necessary skills to publish research findings.

A major part of the training involves taking a cluster of two methods/statistics courses that will provide high level training in methods and analysis tailored to gerontological research. This will provide the necessary training for students to undertake state of the art analyses of complex data. Doctoral students will also be required to take a course in interdisciplinary theories in gerontology. In addition, two courses will be selected in their area of concentration (see Section iii below).

The interdisciplinary and comprehensive type of training that can be provided to doctoral students is reflected in the research accomplishments of the Gerontology Masters Program students. This is evidenced in the list of completed theses and projects by our 45 graduates of the M.A. Program in Gerontology (see Appendix 1). The strong research training provided to graduate students is also apparent in the number of peer-reviewed publications that have been produced by our Gerontology M.A. graduates and current students. Appendix 2 shows that there have already been 16 peer-reviewed articles published by our M.A. graduate students between 2001 and 2006. Many of these are in top tier gerontology journals. At the Masters level, this level of research productivity in terms of peer-reviewed publications is rare, especially given that we are a relatively small graduate program.

ii. *Supervisory Committee*

A senior supervisor will be assigned for each student upon admission to the doctoral program. Normally, two additional committee members will be added to the committee, one of which must be from the Department of Gerontology. The supervisory committee must be approved before students begin comprehensive exams.

iii. *Requirements for Graduation*

Doctoral students will be required to take five graduate courses, but may be required to take additional course work (up to seven courses) if deemed necessary by the Admissions Committee. At least two courses will be related to one of two streams selected as the candidate's area of expertise: a) Environment and Aging or b) Health and Aging. The stream courses for Environment and Aging include: GERO 810-4: Community Based Housing for Older People; GERO 811-4: Institutional Living Environments; GERO 822-4: Families, Communities, and Health (can be used for either concentration), and GERO 830-4: Human Factors, Technology, and Safety. For the Health and Aging stream, these include: GERO 801-4: Health Policy and Applied Issues in Gerontology; GERO 820-4 Principles and Practices of Health Promotion/Population Health; and GERO 823: Mental Health and Illness in Later Life (proposed new course). This builds on and is consistent with the streams for the Master's Program. Students will be also be required to take two methods courses. Currently, we offer GERO 802-4: Development and Evaluation of Health Promotion Programs for Older Adults, and GERO 803-4: Analytical Techniques for Gerontological Research. GERO 802-4 is an applied course in which students learn how to conduct process and outcome evaluations of programs and services targeting older adults, with a focus on health promotion programs. GERO 803-4 provides students with a supportive environment in which to undertake a quantitative research project from start to finish, including training in statistical programming, statistics, and interpretation of data analyses. Students may also select from two proposed new methods courses: GERO 804-4: Advanced Qualitative Methods in Gerontology, or GERO

805-4: Selected Topics in Advanced Quantitative Methods in Gerontology. These courses are necessary to provide comprehensive training necessary to undertake interdisciplinary research. They also provide alternative courses for students having taken GERO 802-4 or GERO 803-4, or their equivalent. Doctoral students will also be required to take GERO 806-4: Interdisciplinary Theories in Gerontology (proposed new course) to provide foundational training in interdisciplinary theoretical and conceptual developments in gerontology. The calendar descriptions of the current graduate courses and instructors can be found in Appendix 3. The four proposed graduate course calendar descriptions and new course proposal forms are shown in Appendix 4. These new courses will be available to all graduate students. The listing of instructors for the current and proposed courses demonstrates our interdisciplinary graduate teaching capacity. The calendar description of the program is in Appendix 5.

The addition of four proposed new graduate courses will add the coverage of content in gerontology, and it will provide enough course selection for students who have taken a Masters degree in our program. If students have taken required courses, or their equivalent, they may substitute with other gerontology graduate courses in our program, and/or up to two courses from other programs with departmental approval, and/or they may take one Directed Studies (GERO 899-4) course with departmental approval. Appendix 6 shows our graduate course sequence for a 2 Year period, specifying those courses that would be available to MA graduate students from SFU in the Ph.D. Program. We will offer approximately six graduate courses per year; plus there is the option of taking a Directed Studies course in any given term. Examples of available courses from other departments include: GLOH 660 Environmental and Occupational Health; GLOH 670 Disease Prevention and Control; HSCI 803-5 Research Methodology for Health Sciences; PPH 822 Concepts and Principles of Population and Public Health; PPH 822 Social and Behavioural Contexts of Health and Disease; and PPH 823 Analysis of Health Care Delivery Systems (Faculty of Health Sciences). Coursework will normally be completed in the first three-four terms. After completion of coursework, students will write two comprehensive exams (between terms four and six) based on reading lists developed with their supervisory committee. These will be defended orally. One will cover research methodologies and statistics, and the second will cover the substantive literature in their concentration. A student who fails a comprehensive exam will have one additional chance for re-examination. Students failing either comprehensive more than once will not be allowed to continue in the program. Students will write and defend a dissertation prospectus, and will successfully defend their completed dissertation (GERO 998-6) according to SFU's Graduate Regulations.

iv. *Expected Completion Time*

It is anticipated that students will take four years to complete a Ph.D. in Gerontology, which will meet the residency requirements for Ph.D. students at SFU.

3) List of Faculty, Specialization & Additional Resources

i. *Faculty Resources*

The Gerontology Department at Simon Fraser University (SFU) is well positioned to train individuals at the doctoral level due to its strong interdisciplinary and research-based pedagogical approach, and the prolific research activities of its faculty. Interdisciplinary training will be supported by the diverse academic backgrounds of the faculty, in addition to the supporting roles of its Adjunct Professors, Steering Committee members, and Gerontology Research Centre fellows and staff. The eight faculty housed at Vancouver Campus form the core of the Gerontology unit and will provide the majority of the supervisory support for the proposed doctoral program. Full curriculum vitae are included (see Appendix 7). The internationally known Gerontology Research Centre provides additional supervisory and research support. The following faculty and research personal resources are available for students.

Dr. Andrew Wister, Chair and Professor, and Acting Director, Gerontology Research Centre. Trained as a social demographer at the University of Western Ontario, his research interests include: population health; chronic disease prevention and self-care research; environmental adaptation and design; older drivers, and statistical methods. His most recent book is entitled, "Baby Boomer Health Dynamics: How Are We Aging?" (2005).

New Director Position. The position of Director of the Gerontology Research Centre (half-time with the program) is currently being advertised at either the Associate or Full Professor rank.

Dr. Barbara Mitchell, Associate Professor. Receiving her doctorate from McMaster University, Dr. Mitchell was jointly appointed between Sociology/Anthropology and Gerontology in 1999 and currently holds the position of Associate Professor. She applies a life course approach to the areas of families and aging; transitions to adulthood; intergenerational relations; social policy issues; health promotion; and theory. Dr. Mitchell is internationally renowned for her work on "boomerang kids," and intergenerational issues. Her most recent book is entitled, "Boomerang Age: Transitions to Adulthood in Families" (2006).

Dr. Habib Chaudhury was hired in 2001 and currently holds the position of Assistant Professor full-time in the Gerontology Department. He received his doctoral training in Architecture/Environment-Behaviour Studies from the University of Wisconsin-Milwaukee. Dr. Chaudhury brings to the department expertise in person-environment interactions with a focus on people with dementia, and qualitative methods, especially pertaining to place attachment and identity formation in older age. His most recent book (edited with G. Rowles) is titled, "Home and Identity in Later Life: International Perspectives" (2005).

Dr. Norm O'Rourke received a doctorate in Clinical Psychology from the University of Ottawa with a focus on mental health and aging. Also hired in 2001, he is currently at the rank of Assistant Professor. Dr. O'Rourke's expertise is in cognition and aging, and quantitative methods. He has published numerous articles on normal memory function and health; reminiscence in later life; caregiver burden; and scale validation. His most recent book (with L. Hatcher and E. Stepanski) is titled "A Step-by-Step Approach to Using SAS for Univariate and Multivariate Statistics (2nd edition)" (2005).

Dr. Loren Lovegreen holds a 3 yr. Limited Term position at the rank of Assistant Professor. She received her degree in Sociology from Case Western Reserve University. Her research areas are in environment and aging, with particular interest in residential change, life course, and housing policy. Her dissertation is titled, "Characteristics, Antecedents, and Sequelae of Residential Change in Later Life.

Dr. Gloria Gutman, past Director of the Gerontology Research Centre and Professor Emeritus. Trained as a psychologist, Dr. Gutman has expanded her expertise into epidemiology, environmental studies, and demography. Her research topics include: seniors' housing, long-term care, health promotion, dementia care and environmental design. Dr. Gutman is expected to continue to support the Gerontology programs at SFU under post-retirement contracts and/or in her capacity as Professor Emeritus. Her most recent book (edited with E. Gee) is entitled, "The Overselling of Population Aging: Apocalyptic Demography, Intergenerational Challenges and Social Policy" (2000).

New CFL. The individual selected to fill the new CFL position will have expertise in methods and a substantive area in gerontology.

It is anticipated that six of the eight Gerontology faculty will be at the Associate or Full Professor rank by the time that the first cohort of doctoral students begin their research. This will provide excellent supervisory capacity from within the department.

In addition to the core faculty, the Gerontology Research Centre (GRC) houses several researchers in residence, including: *Dr. Leslie McDonald-Miszczak*, (Associate Professor of Psychology at the University of Western Washington) whose research focuses on medication compliance and self-care among older adults; *Charmaine Spencer*, LLM, (Research Associate) who conducts research on prevention of elder abuse and neglect, substance abuse, and protection of the rights of older adults; and *Lillian Zimmerman* (Research Associate), working in the area of human rights of older women, particularly in the area of income security; and our newest post-doc, *Dr. Eunju Hwang*, BC Real Estate Post-Doctoral Fellow in Environmental Gerontology, who conducts extensive research into cross-cultural housing and environmental studies. An additional post-doctoral position has recently been created and is in the process of being filled.

From the outset, Gerontology has worked closely with other academic departments. The Gerontology Steering Committee, which currently represents seven departments and four faculties, has provided valuable direction for both the Gerontology Program and the Gerontology Research Centre for over 20 years. Units with which we collaborate regularly on cross-listed and aging-related courses, graduate student supervision, and research includes: Sociology/Anthropology, Psychology, Kinesiology, Criminology, Education, Geography, Statistics and Actuarial Science, and Engineering Science. Our 17 adjunct professors have brought additional gerontological expertise from other universities and key government and community organizations, providing such supporting roles as sitting on graduate thesis/project committees, teaching as sessional instructors, and building research capacity. It is anticipated that the seven new faculty being hired for the Faculty of Health Sciences MPH program will provide additional faculty resources in key areas.

Our Information Officer (*Ray Adams*); Departmental Assistant (*Anne Marie Barrett*); Graduate Secretary (*Karonne Mozsar*); and receptionist (*Melinda Aiken*) will provide administrative support to the doctoral program.

ii. ***Funding Support for Students***

Our M.A. students have been extremely successful in obtaining SFU graduate entrance scholarships and external funding from SSHRC, MSFHR, CIHR, Alzheimer's Society, etc. For instance, in 2006, of the new cohort of 7 MA Gerontology students, 2 received SSHRC Masters Awards, and 1 received a MSFHR Trainee Award. We also have a number of graduate fellowships; teaching and research assistantships; co-op positions; and a large number of internal scholarships and bursaries available to gerontology students. Priority will also be given to Ph.D. students to teach sessional courses for the department for both funding and important teaching experience.

Additionally the number of advertised research coordinator and assistant positions in the Gerontology unit exceed the number of student applicants to fill those jobs. Gerontology continues to have one of the largest grant/faculty ratios in the university. Appendix 8 shows grant monies received by Gerontology Faculty and centre staff over the last six years, and the average amount per faculty member. As can be observed in Appendix 8, Gerontology has the highest funding per faculty ratio in the faculty of Arts and Social Sciences and one of the highest in the university at large.

4) **Program Evaluation and Consultations**

i. ***The Market***

Gerontology has become a discipline in its own right as reflected in the significant growth in the quantity and quality of gerontology programs in Canada and every other developed country in the world, as well as its recent expansion to

developing countries. As a discipline, we have moved beyond the *Formative Phase* of educational development -- in which gerontologists are only trained in traditional departments; into what can be called the *Mature Phase* -- characterized by educational training that blends applied and basic skills within a truly interdisciplinary environment. This is not unlike the experience of other disciplines, such as Criminology, Communications, and Women's Studies. Indeed, transdisciplinary thinkers will be highly valued and needed in an age of rapid social change; a period when translation of knowledge into action is deemed an increasingly important step in the advancement of science and in its contribution to a progressive society. This is evidenced by the fact that there are over 200 journals in which gerontological research is published, most of which have aging, gerontology, or elderly in their title (see full list at <http://www.sfu.ca/iag/links/journals.htm>).

Furthermore, there is little doubt that the profile of gerontological education and research will rise as the baby boomers move into their elder years. The unique historical, cohort-related aging experiences of future older adults will add new dimensions and challenges to the field of gerontology. Currently, approximately 13% of Canadians are aged 65 and over -- the most common indicator of population aging. However, this will inflate to between 22% and 24% once the baby boomers move into their senior years. At the global level, about 15% of the total population of all developed nations is aged 65 or over, whereas it is only 5% for the less developed ones. Yet, population aging will increase even more rapidly in developing countries because of their accelerated pace of fertility and mortality decline. As this occurs, we will continue to be challenged by new problems and issues relevant to an aging society and an aging world. This will translate into a rapidly growing need for personnel with specialization in gerontology at the graduate level.

Currently there are five programs offering Masters degrees in Canada -- University of Sherbrooke; University of Waterloo; Mount St. Vincent; University of Regina; and Simon Fraser University. The University of Sherbrooke is a Francophone program, and is the only program also offering a Ph.D. in Gerontology at present. It should be noted that Waterloo and Mount St. Vincent offer a program of study that combines gerontology with another subject. Simon Fraser University is the largest Gerontology Masters degree offered in English at present.

Additionally, there are several universities in Canada that have submitted proposals to develop Masters programs, including, McMaster, Laurentian University, UBC Okanagan, and several others. McMaster University has announced a new Department of Health, Aging and Society that offers an undergraduate BA Degree in Gerontology, and plans to establish a graduate program offering both M.A. and Ph.D. degrees. The new McMaster program is part of the Collaboration in Health strategic initiative. There are 52 programs in the U.S. offering MA or MSc degrees in Gerontology, and seven universities offer Ph.D. Degrees in Gerontology or Aging Studies in the U.S. A full list of Canadian

and U.S. universities offering graduate Gerontology degrees is listed in Appendix 9).

ii. *Student Demand*

Simon Fraser University has produced three Ph.D. graduates by Special Arrangements with their home department situated in Gerontology, two of whom are now full professors at other universities. Of the 45 graduates of our M.A. Program, of whom half were thesis stream, seven have completed or are currently in Ph.D. programs in Canada, United States, and Taiwan. One has already completed a Ph.D. in Gerontology from the prestigious ANDRUS School of Gerontology at the University of Southern California, and has a senior research position in a health department in Colorado, US.; the other completed a doctorate in nursing at the University of Victoria, and holds a tenure-stream position in the Faculty of Nursing at the University of Alberta. The other five are currently completing their degrees: 1) School of Pharmacy, University of Toronto; 2) Special Arrangements, University of Toronto; 3) School of Architecture, University of Wisconsin-Milwaukee; 4) Sociology Department, University of Victoria; and 5) School of Public Health, National Taiwan University. It is anticipated that some of these students would have applied to a Ph.D. in Gerontology at SFU.

In order to further assess this demand, a survey was sent to all current SFU Gerontology M.A. students (35) as well as 26 Gerontology alumni for whom we have contact information, and who were not in a doctoral program. A significant number of these individuals expressed strong interest in our proposed Ph.D. Program in Gerontology, which was briefly described to them. Of the 31 respondents, 19 were current MA students and 12 were alumni. Results showed that 100% (31) supported the development of a Ph.D. Program in Gerontology at SFU. When asked if they would consider applying to this program some time in the future, 49% (15) stated yes, 29% (9) stated maybe, and 19% (6) stated no. Finally, when asked whether they plan to apply if the program is initiated in September 2007, 13% (4) stated yes, 26% (8) stated maybe, and 58% (18) stated no. A summary of the survey results can be found in Appendix 10. In addition, we receive approximately 5-10 inquiries per year about a Ph.D. in Gerontology at SFU from across the country and abroad. Taken together, it is anticipated that there will be a significant demand for the proposed Ph.D. in gerontology at SFU, which would easily meet a target of maintaining 6-8 students.

iii. *Employment Opportunities for Graduates*

We anticipate that many of our doctoral graduates will fill positions in academic units and research centres in North America. Others will find senior-level positions in research, policy or programming outside of academia. There has been a significant rise in the number of job advertisements targeting individuals with doctoral training in gerontology over the last several years due to the expansion of

gerontology training and research in virtually all universities and colleges, coupled with retirements.

It is recognized that not all graduates of Ph.D. programs assume academic positions. We anticipate that some will take research and professional positions in government health, planning, and housing departments at the federal, provincial and municipal levels; long-term care facilities; continuing care; housing development industries; senior's centres, wellness centres, and outreach programs; consulting positions to evaluate services for older adults.

In addition, we have tracked the employment of all of our M.A. graduates since the start of the program. Over 90% of our graduates are currently in positions related to their field of study or are in Ph.D. programs. Appendix 11 gives the employment of our M.A. graduates. These positions tend to be management, co-coordinator, analyst, faculty-level, or other senior positions, and provide further evidence of the employability of our graduates. Graduates of the proposed Ph.D. in Gerontology would be expected to have a 95% or higher employment rate in academic or senior management positions in the public and private sectors.

iv. ***Support Letters***

We have received numerous support letters for the development of a Ph.D. in Gerontology at SFU (see Appendix 12). These include the Scientific Director of the Institute of Aging, CIHR; Directors of most Gerontology Programs/Centres across the country; the President of the Canadian Association of Gerontology; selected faculty Dean's of competing programs; several NGO's; and the SFU Gerontology Graduate Student Caucus. A common thread in these letters is emphasis of the timely nature of this program due to increasing demand for specialized graduate training in gerontology; the excellent reputation of SFU's Masters Program in Gerontology; and support for a Ph.D. Program in gerontology being offered at this institution.

5) **Implementation Schedule**

We expect to admit students for the September 2007 start date.

6) **Additional Resources Required to Implement the Program**

Due to the growth in the M.A. program, the addition of the 6-8 doctoral students, and expansion of the graduate curriculum by four courses, we will require an additional 1.0 FTE CFL with expertise in methods and either health and aging, or environment and aging. This could be a full-time Gerontology position or two

joint positions appointed with another department and/or the Faculty of Health Sciences. The new Assistant Professor would begin teaching our upper division undergraduate courses in support of the Post-baccalaureate and Minor Programs in Gerontology, but would gradually subsume graduate teaching responsibilities. In addition, a .5 FTE graduate secretary is required, which would raise our current graduate administration to 1.0 FTE. The .5 practicum/internship supervisor position that was approved in 1995 as part of the M.A. Program in Gerontology, but not yet funded, is also needed. One additional office will be required at Harbour Centre to house the new faculty member.

For further information about the Gerontology Department and Gerontology Research Centre at SFU see our websites: www.sfu.ca/gerontology (Department) and www.sfu.ca/gero (Gerontology Research Centre).

7) **Additional Material Required by SFU**

i. ***Reviewers***

Suggested reviewers include:

- 1) Dr. Margaret Denton, Professor and Director, McMaster Centre for Gerontological Studies, Department of Health, Aging and Society, McMaster University;
- 2) Dr. Meril Silverstein, Professor of Gerontology and Sociology, Leonard Davis School of Gerontology, University of Southern California;
- 3) Dr. Lynn McDonald, Professor, School of Social Work, University of Toronto.

ii. ***Library Reports***

Two library reports have been appended. One for the SFU library system (Appendix 13) and one for the Gerontology Research Centre holdings (Appendix 14).

Selected Appendices

Additional documents not included for SCUP package:

- Response to External Review of the PhD proposal
- The various responses received reviewing the proposal
- CVs of faculty
- Research grant funding for GERO faculty
- Letters of support

If anyone is interested in reviewing these documents prior to the meeting, please contact our office at 778-782-7676.

Appendix # 1
Completed Theses and Projects
Simon Fraser University Gerontology Masters Program

1. Heidi Andrie. *The Role of Enjoyment in Exercise Maintenance in Community Fitness Programs for Older Persons*. M.A. Thesis, Gerontology, Simon Fraser University, March 1998 (Supervisor: A. Wister).
2. Brenda Hearn. *The Decision to Move to Supportive Housing*. M.A. Project, Gerontology, Simon Fraser University, April 1999 (Supervisor: G. Gutman).
3. Bonnie McCoy. *Factors Affecting Achieving of Target Heart Rate on the Graded Exercise Test Among Older Women*. M.A. Project, Gerontology, Simon Fraser University, April 1999 (Supervisor: A. Wister).
4. Jennifer Wallace. *Fire Safety and Elderly Tenants Living in High-Rises* M.A. Project, Gerontology, Simon Fraser University, August, 1999 (Supervisor: G. Gutman).
5. Yuri Cvitkovich. *Subjective Dimensions of Person-Environment Fit Among Older Adults: Examining Anomalies in Valuation of Life*. M.A. Gerontology, Simon Fraser University, August 1999 (Supervisor: A. Wister).
6. Kathy Geldart. *Burnaby Hospice Society Evaluation Project*. M.A. Project, Gerontology, Simon Fraser University, August 1999 (Supervisor: A. Wister).
7. Kelly Wilson. *Social Support and Health: The Role of Self-Care*. M.A. Thesis, Gerontology, Simon Fraser University, August 1999 (Supervisor: A. Wister).
8. Melanie Wong. *The Role of Social Support in Self-Help Group Participation Among Older Adults with a Chronic Illness*. M.A. Thesis, Gerontology, Simon Fraser University, August 1999 (A. Wister).
9. Zan Romeder. *An Analysis of the Stages of Exercise Change Among Older Adults with a Chronic Illness*. M.A. Thesis, Gerontology, Simon Fraser University, December 1999 (Supervisor: A. Wister)
10. Debbie Choy. *Trends and Issues in Environmental Design of Adult Day Care Centres*. M.A. Project, Gerontology, Simon Fraser University, December 1999 (Supervisor: G. Gutman).
11. Christine Flegel. *Seniors and Their Adult Children: An Assessment of Their Knowledge Base on Age-Related Resources*, M.A. Project, Gerontology, Simon Fraser University, December 1999 (Supervisor: G. Gutman).
12. Ilsa Patterson. *An Outcome Evaluation of the GENTLE CARE Program*. M.A. Project, Gerontology, Simon Fraser University, March 2000 (Supervisor: A. Wister)
13. Gail Low. *Quality of Life Perceptions Among Couples Living with COPD*. M.A. Thesis, Gerontology, Simon Fraser University, July 2000 (Supervisor: G. Gutman).
14. Jennifer Wu. *Cyclical Migration of Elderly Immigrants: The case of Taiwanese-Canadian Elders in Greater Vancouver*. M.A. Thesis, Gerontology, Simon Fraser University, August 2000 (Supervisor: G. Gutman).

15. Amy Cheng. *The Effect of Arthritis Self-efficacy on Exercise Behaviour*. M.A. Thesis, Gerontology, Simon Fraser University, March 2001 (Supervisor: A. Wister).
16. Jane Richardson. *Acute Care Utilization by Residential Care Clients: An Impact Analysis of a Prevention and Early Discharge Program*. M.A. Project, Gerontology, Simon Fraser University, March 2001 (Supervisor: G. Gutman).
17. Annie Murray. *Environmental Characteristics and Staff Ratings of Newer and Older Special Care Units for Dementia in British Columbia*. M.A. Project, Gerontology, Simon Fraser University, August 2001 (Supervisor: G. Gutman).
18. Stacey Grant. *The Impact of Relocation on Adult Day Centre Clients with Dementia*. M.A. Thesis, Gerontology, Simon Fraser University, July 2001 (Supervisor: G. Gutman).
19. Tracey Allen. *An Examination of Aggression/Violence Management Content in Residential Care Attendant Curricula*. M.A. Project, Gerontology, Simon Fraser University, August 2001 (Supervisor: A. Wister).
20. Georgia Livadiotakis. *The Impact of Continuing Care Reforms to Home Support Services: A Regional Impact Assessment*. M.A. Thesis, Gerontology, Simon Fraser University, August 2001 (Supervisor: G. Gutman).
21. Teresa Fritsch. *HIV/AIDS and the Older Adult: An Exploratory Study of Age-related Differences in Access to Medical and Social Services*. M.A. Project, Gerontology, Simon Fraser University, August 2001 (Supervisor: G. Gutman).
22. Wendy Johnstone. *Key Factors in the Survival of Non-profit Homesharing Programs Serving Seniors in Canada*. M.A. Project, Gerontology, Simon Fraser University, November 2001 (Supervisor: G. Gutman).
23. Linda Day. *The Relationship between Residential School Attendance and Health Status in Later Life among First Nation Elders in B.C.* M.A. Project, Gerontology, Simon Fraser University, December 2001 (Supervisor: A. Wister).
24. Michele Laurann Assaly-Lawrence. *An Examination of the Subjective Health Consequences of Retiring to Caregive*. M.A. Project, Gerontology, Simon Fraser University, August 2002 (Supervisor: A. Wister).
25. Selena Santi. *Online Bulletin Board Systems: An Effective Resource for Geropsychiatric Nurses Working on Long-Term Care?* M.A. Thesis, Gerontology, Simon Fraser University, November 2002 (Supervisor: A. Wister).
26. Margot McWhirter. *Resident-Centred Care and the Quality of Life Of Long-Term Care Facility Residents*. M.A. Project, Gerontology, Simon Fraser University, December 2002 (Supervisor: G. Gutman).
27. Judith Balfour. *Painful Conditions in Older Adults with Dementia: Are analgesics and psychotropics inappropriately prescribed?* M.A. Thesis, Gerontology, Simon Fraser University, December 2002 (Supervisor: G. Gutman).
28. Francis Hamm. *"Problem Behaviors" as a Reflection of Relocation Stress in Persons with Cognitive Impairment*. M.A. Thesis, Gerontology, Simon Fraser University, May 2003 (Supervisor: G. Gutman).

29. Joy Mooney. *Driving Status and Out-Of-Home Social Activity Levels: The Case of Older Male Veterans*. M.A. Project, Gerontology, Simon Fraser University, April 2003 (Supervisor: A. Wister).
30. Kristine Votova. *Complimentary and Alternative Medicine Use Among Older Adults: The Role of Health Beliefs*. M.A. Thesis, Gerontology, Simon Fraser University, August 2003 (Supervisor: A. Wister).
31. Sarah Laing. *A Study of Age Differences in Accident Rates at Intersections in British Columbia*. M.A. Thesis, Gerontology, Simon Fraser University, August 2003 (Supervisor: A. Wister).
32. Mary Rogers. *Lifesytle Acculturation and Health Among Older Foreign-born Persons*. M.A. Thesis, Gerontology, Simon Fraser University, October 2003 (Supervisor: A. Wister).
33. Teresa Snider. *Development and Examination of a Caregiver Education Program*. M.A. Project, Gerontology, Simon Fraser University, April 2004 (Supervisor: G. Gutman).
34. Amanda Shintani. *Benefits and Limitations of a Reminder Device for Older Adults with Memory Loss*. M.A. Project, Gerontology, Simon Fraser University, July 2004 (Supervisor G. Gutman).
35. Agnes Sauter. *Health Service Utilization During Transition from Community to Institutional Living*. M.A. Thesis, Gerontology, Simon Fraser University, November 2004 (Supervisor G. Gutman).
36. Sara Danziger. *Adaptable Design in Five Housing Projects in North Vancouver: Client Use and Satisfaction*. M.A. Project, Gerontology, Simon Fraser University, November 2004 (Supervisor H. Chaudhury).
37. Yuriko Araki. *Assisted Living Settings in British Columbia: Policy Goals and Gaps*. M.A. Thesis, Gerontology, Simon Fraser University, November 2004 (Supervisor G. Gutman).
38. Deanna Wanless. *Health Differentials Among Elderly Women: A Rural – Urban Analysis*. M.A. Thesis, Gerontology, Simon Fraser University, June 2005 (Supervisor B. Mitchell).
39. Erin Graham. *Rural-Urban Differences in Self-Care Behaviours of Older Canadians: The Effects of Access to Primary Care*. MA Thesis, Gerontology, Simon Fraser University, November 2005 (Supervisor A. Wister).
40. Lisa Bouma. *Retirement Income Policies and Welfare State Retrenchment: A Comparative study of Canada, Sweden and the Netherlands*. MA Project, Gerontology, Simon Fraser University, November 2005 (Supervisor A. Wister).

41. Laurie Husband. *Place Attachment Among Older Adults Living in Remote Northern Communities*. M.A. Project, Gerontology, Simon Fraser University, December 2005 (Supervisors G.Gutman, H. Chaudhury).
42. Heather Cooke. *Organizational and Physical Environmental Correlates of Bathing-Related Agitation in Dementia Special Care Units*. M.A. Thesis, Gerontology, Simon Fraser University, March 2006 (Supervisor G.Gutman).
43. Rita Cormier. *Beers Criteria -Based Review Of Medication Appropriateness In British Columbia Seniors Living In Residential Care*. M.A. Thesis, Gerontology, Simon Fraser University, March 2006 (Supervisor A Wister).
44. Karyn Lewis. *Exploring Change in the Meaning of Home for South Asian Indians who Immigrate in Late-Life*. M.A. Thesis, Gerontology, Simon Fraser University, May 2006 (Supervisor, H. Chaudhury).
45. Melanie terBrugge. *Fear of Crime and Design: Exploring the Linkages in a Seniors' Housing Project*. M.A. Project, Gerontology, Simon Fraser University, May 2006 (Supervisor, A. Wister).

Appendix # 2
SFU GERONTOLOGY GRADUATE STUDENT AUTHORSHIP OF
PEER REVIEWED ARTICLES

This list contains articles written during the time students were enrolled in the SFU Masters Program or that report on data collected as part of their thesis or project.

(Last updated August 23, 2006)

a) Published

Balfour, J. E., & O'Rourke, N. (2003). Older adults with Alzheimer disease, comorbid arthritis, and prescription of psychotropic medications. *Pain Research and Management*, 8, 198-204.

Chou, P.H.B., & Wister, A.V. (2006). From cues to action: Information seeking and exercise self-care among older adults managing chronic illness. *Canadian Journal on Aging*, 24(4), 395-408.

Cooke, H.A., & Gutman, G.M. (2005). Improving the bathing experience for residents with dementia. *Canadian Nursing Home*, 16(2), 13-15.

Cusack, S. A., Thompson, W. J. A., & Rogers, M. (2003). Mental fitness for life: Assessing the impact of an 8-week mental fitness program on healthy aging. *Educational Gerontology*, 29(5), 393-403.

Cvitkovich, Y. & Wister, A.V. (2002). Bringing in the life course: A modification of Lawton's Ecological Model of Aging. *Hallam International Journal of Aging*, 4(1), 15-29.

Cvitkovich, Y. & Wister, A.V. (2001) A comparison of four person-environment fit models applied to older adults. *Journal of Housing for the Elderly*, 14(1/2):1-25.

Cvitkovich, Y. & Wister, A.V. (2001). The importance of transportation prioritization of environmental needs to sustain well-being among older adults. *Environment and Behavior*, 33(6):809-829.

Fritsch, T. (2005). HIV/AIDS and the older adult: An exploratory study of the age-related differences in access to medical and social services. *Journal of Applied Gerontology*, 24(1), 35-54.

Kupferschmidt, A.L., Lewis, D.L., Molloy, D.W., Standish, T.I.M., Babineau, T.R. (2006). Using duration of memory loss to improve differentiation of mild cognitive impairment from normal cognition. *International Journal of Geriatric Psychiatry*, 21, 189-190.

Livadiotakis, G., Gutman, G. & Hollander, M.J. (2003). Rationing home care resources: How discharged seniors cope. *Home Health Care Quarterly*, 22 (2), 31-41 .

Low, G & Gutman, G.M. (2003) Couples ratings of chronic obstructive pulmonary disease patients' quality of life. *Clinical Nursing Research*, 12(1), 28-48.

Nasvadi, G. & Wister, A.V. (2006). Informal support and use of a specialized transportation system by chronically ill older adults. *Environment and Behavior*, 38 (2), 209-225.

Rogers, M. E., & O'Rourke, N. (2004). Health, job loss, and programs for older workers in Canada. *Canadian Journal of Career Development*, 3, 35-42.

Votova, K. & Wister, A.V. (2007). Complementary and alternative medicine use among older adults: The role of health belief structures. *Gerontology*, 53:21-27

Wister, A.V., Chittenden, M., McCoy, B., Wilson, K., Allen, T. & Wong, M. (2002). Using alternative therapies to manage chronic illness among older adults: An examination of the health context, predisposing and enabling processes. *Canadian Journal on Aging*, 21(1):47-62.

Wister, A.V. & Romeder, Z. (2003) The chronic illness context in exercise self-care among older adults: A longitudinal analysis. *Canadian Journal on Aging*, 21 (4), 521-534.

b) Accepted or in press

Low, G & Gutman, G.M. (accepted). Does gender play a role in health-related quality of life? *Journal of Gerontological Nursing*

August 2006

Appendix # 3

Calendar Listing of Current and Proposed Gerontology Graduate Courses

Current Graduate Courses

GERO 801-4 Health Policy and Applied Issues in Gerontology

The aim of this course is to examine linkages between long term care and other service sectors as well as to compare programs and services across community, provincial and national boundaries. A number of key policy issues will be discussed that pertain to the provision of health related services to older adults.

Instructor: New Director

GERO 802-4 Development and Evaluation of Health Promotion Programs for the Elderly

This course deals with the design, implementation and evaluation of health promotion programs and services for older persons. Students will participate in the development and critical analysis of a variety of health initiatives aimed at healthful aging.

Instructor: A. Wister

GERO 803-4 Analytical Techniques for Gerontological Research

This course has been specifically designed to provide training in quantitative data analysis using SPSSx Programming Language with a focus on behavioral research problems in gerontology.

Instructor: A. Wister

GERO 810-4 Community Based Housing for Older People

This course presents an in-depth examination of theory, research and policy related to planning, designing, developing and managing housing for independent and semi-independent older adults.

Instructor: H. Chaudhury

GERO 811-4 Institutional Living Environments

This course focuses on design issues, theory, research and policy relevant to planning, developing and managing institutional living environments for dependent adults.

Instructor: H. Chaudhury

GERO 820-4 Principles and Practices of Health Promotion

This course is designed to cover and critically evaluate concepts, models and theories of health promotion and wellness in the aging population. These methods of implementation will be discussed in relation to individual and structural health system issues facing the aged.

Instructor: New Director, GRC

GERO 822-4 Families, Communities and Health

Critically evaluates and synthesizes key theory, research and health promotion policy related to the intersection of aging families, communities and health. The principal theoretical perspectives will include: life course theory; social, human and cultural capital; ecological models; political economy; and community empowerment approaches.

Instructor: B. Mitchell

GERO 830-4 Human Factors, Technology, and Safety

This course covers theoretical, research and industry literature pertaining to designing home, work, institutional and public environments that are ergonomically functional, safe, and satisfying to the older adult.

Instructor: New Real Estate Post Doctoral Fellow

GERO 840-4 Special Topics in Gerontology

This course offers an opportunity to offer a specialized course in an area germane to the program but on a topic that is outside of the regular courses.

Instructor:

GERO 850-0 Co-op Internship

The internship consists of one full-time work semester. Arrangements for the work semesters are made through the Faculty of Arts Co-op Co-ordinator at least one semester in advance. For further details, students should refer to the Co-operative Education section of the Calendar.

Prerequisite: MA students in good standing with a minimum GPA of 3.0 may apply to enter the co-op internship after satisfactory completion of 16 semester hours credit.

Instructor:

GERO 889-4 Directed Studies

This course consists of supervised readings in a particular field of specialization relevant to the selected area of concentration.

GERO 898-6 Project

A project must be written under committee supervision for formal examination as part of the program requirements for students in the project stream.

GERO 899-6 Thesis

A thesis must be written under committee supervision for formal examination as part of the program requirements for students in the thesis stream.

Proposed Graduate Courses

GERO 804-4 Advanced Qualitative Methods in Gerontology

The course will examine qualitative research methods used in social science research with special emphasis on gerontology. Specific focus will be provided on: interviews and participant-observation, field-notes, analyzing text-based data and writing of qualitative studies.

Proposed Instructors: H. Chaudhury/B. Mitchell

GERO 805-4 Selected Topics in Advanced Quantitative Methods in Gerontology

Proposed Instructors: N. O'Rourke/ New CFL

GERO 806-4 Interdisciplinary Theories in Gerontology

Proposed Instructors: Gero Faculty

GERO 823-4 Mental Health and Illness in Later Life

Psychopathology often presents in distinct ways among older adults. The intent of this course is to examine disorders with their onset in later life and those that extend into later years. Students will derive an understanding of the diagnostic criteria for various disorders, prevalence, theories of etiology, and selected empirically validated treatments.

Proposed Instructors: N. O'Rourke/New CFL

Appendix # 4
Proposed Calendar Listings of New Gerontology Graduate Courses
and New Course Proposal Forms

GERO 804 – 4 Advanced Qualitative Methods in Gerontology

Examines qualitative research methods used in social science research with special emphasis on gerontology. Specific focus will be placed on conducting interviews and participant-observations; field-notes; analyzing text-based data; and writing of qualitative studies.

Proposed Instructors: H. Chaudhury/B. Mitchell

GERO 805 – 4 Advanced Statistics for Behavioural Analysis in Gerontology

Provides advanced statistical training for graduate students. Statistical techniques consistent with contemporary research will be highlighted with emphasis on continuous variables and the analysis of change and stability with older adult samples. Examples of techniques to be covered include: linear regression; analysis of variance; exploratory and confirmatory factor analyses; structural equation modelling; invariance analyses; and latent growth curve modelling.

Proposed Instructors: N. O'Rourke/New CFL

GERO 806 – 4 Interdisciplinary Theories in Gerontology

Reviews major theories used in gerontology from diverse fields covering the individual and society, including environment and aging; health and aging; social and family relationships; social change; and behavioural change. Emphasis will be placed on understanding the fundamental assumptions of human aging experience underlying the theories; critical assessment of theoretical propositions; research evidence; and potential for synthesis.

Proposed Instructors: Gero Faculty

GERO 823 – 4 Mental Health and Illness in Later Life

Provides an overview of the range of mental illnesses affecting older adults, their respective diagnostic criteria, and empirically validated treatments (disorders with their onset in later life and those that extend into later years). Particular emphasis will be placed on the manner in which psychopathology presents differently among older adults, various theories of aetiology, barriers to diagnosis and treatment, and the social context in which mental illness is understood and treated across cultures.

Proposed Instructors: N. O'Rourke/New CFL

GERO 998-6 PhD Thesis

Proposed Instructors: Gero Faculty

DETAILED COURSE OUTLINES NOT INCLUDED IN SENATE PACKAGE. FOR REVIEW, PLEASE
CONTACT BOBBIE GRANT AT 778.782.3168

Appendix #5 Calendar Description Gerontology PhD Program

PhD Program

Admission Requirements

Admission into the doctoral program will require a Masters degree in Gerontology or a Masters degree from another discipline in which a significant amount of coursework and/or thesis/project research deals with aging or the aged. Students will be evaluated on an individual basis. Those not meeting these requirements will need to take preparatory coursework equivalent to a Masters in Gerontology or Aging Studies. It is recommended that prospective candidates have a minimum GPA of 3.5. In addition, there must be supervisory capacity in the department to support the candidate's dissertation research. In addition to the gerontology program requirements, students must meet the University requirements for admission to a doctoral level program, as listed in the Graduate General Regulations (see "1.3.4 Admission to a Doctoral Program" on page 246 of the University Calendar).

Supervisory Committee

A senior supervisor will be assigned to each student upon admission to the doctoral program. Two additional departmental committee members, and one external department member will be added to the committee by the end of the first year. At least two members of the supervisory committee must be members of the Department of Gerontology.

Degree Requirements

Doctoral students will be required to take five graduate courses from the Gerontology Program, but may be required to take additional courses (up to seven) if deemed necessary by the Admissions Committee. Two courses will be related to one of two streams selected as the candidate's area of expertise – Environment and Aging or Health and Aging (see Current Calendar Listing of Gerontology Graduate Courses); two will be methods/statistics courses; and one will be a required theory course. After completion of coursework they will be required to write two comprehensive exams and write and defend a dissertation.

Course Requirements

Environment and Aging Stream Courses

- GERO 810-4: Community Based Housing for Older People
- GERO 811-4: Institutional Living Environments
- GERO 822-4: Families, Communities, and Health (can be used for either concentration)
- GERO 830-4: Human factors, Technology, and Safety

Health and Aging Stream Courses

- GERO 801-4: Health Policy and Applied Issues in Gerontology
- GERO 820-4: Principles and Practices of Health Promotion/Population Health
- GERO 823-4: Mental Health and Illness in Later Life

Required Methods/Statistics Courses

- GERO 802-4: Development and Evaluation of Health Promotion Programs for Older Adults
- GERO 803-4: Analytical Techniques for Gerontological Research, or equivalent courses

And one of the following two courses

- GERO 804-4: Advanced Qualitative Methods in Gerontology or
- GERO 805-4: Advanced Statistics for Behavioural Analysis in Gerontology

Required Theory Course

- GERO 806-4: Interdisciplinary Theories in Gerontology

If students have taken required courses, or their equivalent, they may also substitute up to three courses from other programs (especially the Faculty of Health Sciences) with departmental approval and may take one Directed Studies (GERO 899-4) course.

Comprehensive Exams

Students will write two Comprehensive Exams after completion of all coursework based on reading lists developed with their supervisory committee. These will be defended orally. One comprehensive will cover methods and statistics, and the second will cover the substantive literature in the dissertation field. Material covered in the comprehensive exams will be determined by the student's supervisory committee. A student who fails a comprehensive exam will have one additional chance for re-examination. Students failing either comprehensive more than once will not be allowed to continue in the program.

Dissertation

Students will write and defend a dissertation prospectus, and will successfully defend their completed dissertation according to SFU's Graduate Regulations (see "1.9.4. Preparation for Examination of Doctoral Thesis" and "1.10.1 Thesis Examination" on page 250 of the University Calendar).

Appendix # 6 Graduate Course Sequence

Year 1		Year 2	
<u>Fall</u>	<u>Spring</u>	<u>Fall</u>	<u>Spring</u>
Gero 806*	Gero 803	Gero 802	Gero 801**
Gero 810**	Gero 804*	Gero 805*	Gero 830*
Gero 823*	Gero 822**	Gero 811**	Gero 820**
Gero 899*	Gero 899*	Gero 899*	Gero 899*

* Courses available to M.A. students from SFU in the Ph.D. Program

** Potential courses available to M.A. students from SFU in the Ph.D. Program,
depending on their stream in the M.A. Program

Appendix # 9
Canadian and US Universities Offering
Post-Graduate Degrees in Gerontology

<u>INSTITUTION</u>	<u>DEGREE AND DEPARTMENT</u>
--------------------	------------------------------

Canada

University of Regina (Regina, Saskatchewan)	MA/MSc in Gerontology [Centre on Aging and Health]
Mount Saint Vincent University (Halifax, Nova Scotia)	MA in Family Studies and Gerontology [Family Studies & Gerontology Department]
Simon Fraser University (Vancouver, British Columbia)	MA in Gerontology [Department of Gerontology]
University of Sherbrooke (Sherbrooke, Quebec)	MA in Gerontology (French only) [Department of Psychology]
	PhD in Gerontology (French only) [Department of Psychology]
University of Waterloo (Waterloo, Ontario)	MSc in Health Studies and Gerontology [Department of Health Studies and Gerontology]

United States

Abilene Christian University (Abilene, Texas)	MSc in Gerontology [Department of Family and Consumer Services]
Appalachian State University (Boone, North Carolina)	MA in Gerontology [Department of Sociology and Social Work]
Austin Peay State University (Clarkesville, Tennessee)	MSc in Health and Human Performance (Gerontology Specialization) [College of Graduate Studies]
Ball State University (Muncie, Indiana)	MA in Applied Gerontology [Fisher Institute for Wellness and Gerontology]

Bethel College (St. Paul, Minnesota)	MA in Gerontology [Department of Anthropology/Sociology]
California State University (Long Beach, California)	MSc in Gerontology [Department of Gerontology]
Central Missouri State University (Warrensburg, Missouri)	MSc in Social Gerontology [Department of Sociology and Social Work]
College of New Rochelle (New Rochelle, New York)	MSc in Gerontology [Division of Human Services-Gerontology]
College of Notre Dame of Maryland (Baltimore, Maryland)	MA in Studies in Aging [Graduate Division - Adulthood and Aging]
Concordia University (River Forest, Illinois)	MA in Gerontology [The School of Graduate Studies]
George Mason University (Fairfax, Virginia)	MSc in Health Science (Gerontology Track) [College of Nursing and Health Science]
Hofstra University (Hempstead, New York)	MSc in Gerontology [Faculty of Gerontology]
Iowa State University (Ames, Iowa)	Masters' in Gerontology [Department of Gerontology]
Lindenwood University (Saint Charles, Missouri)	MA in Gerontology [Office of Adult, Corporate and Graduate Admissions]
Long Island University Southampton College (Southampton, New York)	Master of Professional Studies in Gerontology [The Gerontology Division]
Marquette University (Milwaukee, Wisconsin)	MSc in Nursing (Geriatric Nurse Practitioner) [College of Nursing]
Medical University of South Carolina (Charleston, South Carolina)	MSc in Gerontological Nursing [The College of Nursing]
Miami University (Oxford, Ohio)	Master of Gerontological Studies [Scripps Gerontology Center]

	PhD in Social Gerontology <i>[Scripps Gerontology Center]</i>
Mount Mary College <i>(Milwaukee, Wisconsin)</i>	MA in Gerontology <i>[Center for Educational and Professional Advancement]</i>
Nazareth College of Rochester <i>(Rochester, New York)</i>	MSc in Nursing (Gerontological Nurse Practitioner) <i>[Department of Nursing]</i>
Northeastern Illinois University <i>(Chicago, Illinois)</i>	MA in Gerontology <i>[Department of Psychology]</i>
Notre Dame de Namur University <i>(Belmont, California)</i>	MA in Clinical Gerontology <i>[School of Sciences]</i>
Radford University <i>(Radford, Virginia)</i>	MSc in Nursing (Gerontology Clinical Nurse Specialist) <i>[School of Nursing]</i>
Rush University <i>(Chicago, Illinois)</i>	MSc in Nursing (Gerontological Nurse Practitioner) <i>[College of Nursing]</i>
Saint Cloud State University <i>(St. Cloud, Minnesota)</i>	MSc in Gerontology <i>[Department of Community Studies in the College of Social Sciences]</i>
Saint Joseph's University <i>(Philadelphia, Pennsylvania)</i>	MSc in Gerontological Counseling or Human Services Administration <i>[College of Arts and Sciences]</i>
San Francisco State University <i>(San Francisco, California)</i>	MA in Gerontology <i>[College of Health and Human Services]</i>
	MSc in Counseling – Gerontological Counseling <i>[Department of Counseling]</i>
State University of West Georgia <i>(Carrollton, Georgia)</i>	MA in Gerontology <i>[Department of Sociology, Anthropology and Criminology]</i>

Texas A & M University
(Kingsville, Texas)

Towson University
(Towson, Maryland)

University of Arizona
(Tucson, Arizona)

University of Arkansas
(Little Rock, Arkansas)

University of Arkansas for Medical
Sciences
(Little Rock, Arkansas)

University of Hawaii, Manoa
(Honolulu)

University of Illinois
(Springfield, Illinois)

University of Indianapolis
(Indianapolis, Indiana)

University of Kansas, Main Campus
(Lawrence, Kansas)

University of Kentucky
(Lexington, Kentucky)

University of La Verne
(La Verne, California)

University of Louisiana
(Munroe, Louisiana)

MSc in Gerontology
[College of Graduate Studies]

MSc in Applied Gerontology
[The Center for Productive Aging]

MSc in Gerontology
[Department of Gerontology]

MA in Gerontology
*[Department of Sociology, Anthropology and
Gerontology]*

MSc in Nursing
(Geriatric Nurse Practitioner)
[College of Nursing Department]

MSc in Nursing
(Geriatric Nurse Practitioner)
[School of Nursing and Dental Hygiene]

MA in Human Services/Gerontology

MSc in Gerontology
[Center of Aging and Community]

PhD in Gerontology
[Gerontology Center]

PhD in Gerontology
[Graduate School – Gerontology]

MSc in Gerontology with concentration in:
Business Administration, Counseling, Gerontology
Administration, Health Services Management and
Public Administration
[College of Business and Public Management]

MA in Gerontology
[Department of Gerontology]

University of Maryland, Baltimore
(Baltimore, Maryland)

MSc in Nursing
(Gerontological Nurse Practitioner)
[Department of Adult Health Nursing]

PhD in Gerontology
[Graduate School – Gerontology]

University of Massachusetts
(Lowell, Massachusetts)

MSc in Gerontological Nursing
[Department of Nursing]

University of Massachusetts, Boston
(Boston, Massachusetts)

MSc in Gerontology
[Department of Gerontology of McCormack
Graduate School of Policy Studies]

PhD in Gerontology
[Department of Gerontology]

University of Minnesota – Twin Cities
(Minneapolis, Minnesota)

MSc in Gerontological Nurse Practitioner
[Faculty of Gerontological Nursing]

University of Missouri
(Saint Louis, Missouri)

MSc in Gerontology
[Gerontology Program, Graduate School]

University of Nebraska
(Omaha, Nebraska)

MA in Social Gerontology
[Department of Gerontology]

University of Nebraska, Medical Center
(Omaha, Nebraska)

MSc in Nursing
(Gerontological and Geropsychiatric Nursing)
[College of Nursing]

University of North Carolina
(Charlotte, North Carolina)

MA in Gerontology
[College of Arts and Sciences]

University of North Carolina
(Greensboro, North Carolina)

MSc in Gerontology
[Gerontology Program, The Graduate School]

University of Northern Colorado
(Greeley, Colorado)

MA in Gerontology
[Graduate School – Gerontology]

University of North Texas
(Denton, Texas)

MA in Applied Gerontology
[Department of Applied Gerontology]

University of Southern California
(Los Angeles, California)

MSc in Gerontology
[Leonard Davis School of Gerontology]

Dual Master's Gerontology & Business
Administration; Dentistry; Health Administration;
Jewish Communal Services Law; Public
Administration; Social Work; Urban Planning;
[Leonard Davis School of Gerontology]

PhD in Gerontology
[Leonard Davis School of Gerontology]

University of South Florida
(Tampa, Florida)

MA in Gerontology
[School of Aging Studies in the College of Arts
and Sciences]

PhD in Aging Studies
[School of Aging Studies]

University of Texas
(Arlington, Texas)

MSc in Nursing
(Gerontology Nurse Practitioner)
[School of Nursing]

University of Utah
(Salt Lake City, Utah)

MSc in Gerontology
[Gerontology Center]

Virginia Commonwealth University
(Richmond, Virginia)

MSc in Gerontology
[Department of Gerontology]

Webster University
(St. Louis, Missouri)

MA in Applied Gerontology
[College of Arts and Sciences]

Western Illinois University
(Moline, Illinois)

MA in Gerontology
[Department of Psychology]

Wichita State University
(Wichita, Kansas)

MA in Gerontology
[Fairmount College of Liberal Arts and Sciences]

June 2006

Appendix # 10
Department of Gerontology
Summary of Survey of MA Students re: PhD Program

In February 2006, 35 current Gerontology MA students and 26 MA alumni were emailed a survey to gauge their support of a PhD program at SFU. The following is a summary of the survey results.

Total # Respondents: 31

Current MA Students: 19

MA Alumni: 12

1. Do you support the development of a PhD program in Gerontology at SFU?

Yes: 31 (100 % of respondents)

No: 0

2. Would you consider applying to this program some time in the future?

	Current Students		MA Alumni		Total	
	#	%	#	%	#	%
Yes:	14	74	1	8	15	49
No:	0		6	51	6	19
Maybe:	5	26	4	33	9	29
Did Not Reply:			1	8	1	3
Total:	19	100	12	100	31	100

3. Do you plan to apply once it is initiated in September 2007?

	Current Students		MA Alumni		Total	
	#	%	#	%	#	%
Yes:	4	21	0		4	13
No:	10	53	8	67	18	58
Maybe:	5	26	3	25	8	26
Did Not Reply:			1	8	1	3
Total:	19	100	12	100	31	100

March 28, 2006

Appendix # 11

Occupations of Alumni of MA in Gerontology Program

Analyst: Department of Program Evaluation: Applied Research and Analysis Directorate, Health Canada

Assistant Professor: School of Nursing, University of Alberta

Clinical Exercise Specialist: Burnaby Healthy Heart Program, Burnaby, BC

Clinical faculty member: UBC School of Nursing (teaches Community-based Clinical Gerontology to senior undergrads)

Community Occupational Therapist: Vancouver Coastal Health Authority, North Shore Community Health Centre

Consultant: Henriques Architects, Vancouver, BC

Consultant: International Centre for Sustainable Cities (ICSC), Vancouver, BC

Consultant Occupational Therapist: Veteran's Affairs Canada

Co-ordinator, Clinical Care Service: Eagle Ridge Manor, Port Moody, BC

Co-ordinator, Falls Prevention Program: Social Planning Council of the North Okanagan, and North Okanagan Health Region, BC

Co-ordinator, Information & Referral Service: West End Seniors Network, Vancouver, BC

Co-ordinator, Research and Development: Central Park Lodge (Long Term Care), Vancouver, BC

Co-ordinator, Volunteer Program: West End Seniors Network, Vancouver, BC

Co-ordinator/Trainer, Seniors Peer Counseling Program: West End Seniors Network, Vancouver, BC

Director: R & D Division, The League of Welfare Improvement for Older People R.O.C, Taiwan

Director: South Granville Seniors Centre, Vancouver, BC

Field Supervisor, Home Support Services: Community Home Support Services Association, Vancouver, BC

Health Planner: Halton-Peel District Health Council, Mississauga, ON

Insurance Specialists (Long Term Care): Clarica/Sun Life Financial

Manager, Long Term Care Insurance, Clarica/Sun Life Financial

Ph.D.: School of Nursing, Uvic

Ph.D.: Gerontology Program, University of Southern California

Ph.D. Candidate: School of Architecture, University of Wisconsin-Milwaukee

Ph.D. Candidate: School of Pharmacy, University of Toronto

Ph.D. Candidate: School of Public Health, National Taiwan University

Ph.D. Candidate: (Special Arrangement), University of Toronto

Ph.D. Candidate: Sociology, University of Victoria

Program Manager, Lifeline Canada (BC)

Program Manager (Recreational Activities): Lakeview Care Centre, Vancouver, BC

Project Manager, Falls Prevention Program: Interior Health Authority, BC

Research Coordinator: British Columbia Alliance on Telehealth Policy and Research, School of Kinesiology, SFU

Research Grants Coordinator: Social Sciences, Humanities, Arts & Culture, Office of Research, University of Waterloo

Senior Policy Analyst: Human Resources and Social Development Canada

May 2006

**SIMON FRASER
UNIVERSITY library**

Appendix # 13
**Library Assessment for
PhD in Gerontology
April 4, 2006**

This is the Library's report on the proposed PhD in Gerontology.

The Library collections budget has an allocation for Gerontology and supports current programming in Gerontology. In 2005/06, the allocation for Gerontology materials was \$35,700, divided between books (\$7,200), and serials & databases (\$28,500). All of the serials funds are already committed to existing subscriptions, and the book budget has been completely expended in each of the past several years.

Although the proposal for a PhD program in Gerontology is modest, admitting only 1-2 students every two years, it does include an additional FTE CFL faculty position in the Department of Gerontology. There will be additional collections demands, and demands for more research-intensive literature in the collection, as a result of the PhD program, no matter how small in size. The Library should intensify collecting in the areas of interest of the new faculty member, and should fulfill outstanding requests for new serials from members of the department. The estimated costs to do so are \$6,000/year. Sample new serial titles that have been requested in recent years are listed below; the exact titles to be added will be decided after consultation with the Department.

Science of Aging Online Environment (American Academy for the Advancement of Science)
\$1,872/year
Dementia and Geriatric Cognitive Disorders (Karger) \$3,077/year
Pain Research & Management (Canadian Pain Society) \$220/year

Additional funds will be used to intensify monograph collecting in subject areas relevant to the Department.

Total additional library cost: \$6,000/year

Maintained by: Gwen Bird [gbird@sfu.ca]
Content last modified: 4.April.2006



SIMON FRASER
UNIVERSITY
AT HARBOUR CENTRE

84.
Department of Gerontology
Gerontology Research Centre

Tel: (604) 291-5062
Fax: (604) 291-5066
E-mail: gero@sfu.ca
<http://www.harbour.sfu.ca/gero/>

MEMO

To: Graduate Studies Curriculum Committee	From: Andrew Wister, Chair, Department of Gerontology
Cc: Anne Marie Barrett, Gerontology	Tel: 5044 Email: wister@sfu.ca
Re: Library Costs for Gero PhD Proposal	Date: September 29, 2006

Dear Committee Members,

This is to confirm that the Department of Gerontology is prepared to cover the estimated library costs of \$ 6,000 for a PhD program. Attached is the library report confirming the estimated cost.

Regards,

Andrew Wister, PhD.
Chair, Department of Gerontology

Appendix # 14
Gerontology Research Centre Information Centre
(GRCIC)
Annual Report

01 April 2005 – 31 March 2006

The GRCIC was managed for the fiscal period of 01 April 2005 – 31 March 2006 by Information Officer (I.O.) **Raymond G. Adams, BA, MLIS.**

Collection Development and Maintenance – SFU and GRC

The I.O. co-directs collection development and administration of the **SFU Library Materials Budget for Gerontology**, along with Nina Smart (Gerontology Liaison Librarian, SFU Belzberg Library).

In 2005/06, the allocation for gerontology materials in the SFU library budget was **\$35,700** divided between **books (\$7,200), and serials and databases (\$28,500)**. The amount for books represents a **12.5% increase over the previous year which allotted \$6400 for 2004/05**. This increase continues a trend for increased funding of books for the SFU Gerontology collection as a direct result of the I.O.'s aggressive collection-development strategy that has culminated in a 50% increase from the 2001/02 budget which was \$4800 which was the first full fiscal year that the current I.O. was responsible for collection development.

Approximately **200 new books** were ordered in 2005/06 for the SFU library gerontology collection primarily held at Belzberg Library (SFU Vancouver campus). This entailed reviewing publisher catalogues and, with the advice of Centre research staff, advising SFU Library which titles to purchase in the area of gerontology to meet the needs of students and research staff.

The I.O. is also responsible for collection development of the **Imperial Oil Gerontology Research Collection** held in the Gerontology Research Centre. **201 new books, reports, government documents, and videos** were acquired, catalogued and shelved in the current fiscal year. The collection contains approximately **5080** titles comprising 11 major subject categories:

- | | |
|--|----------------------|
| 1) Government, Law and Policy: | approx. 375 records |
| 2) Institutional and Non-Institutional Care: | approx. 550 records |
| 3) Death and Bereavement: | approx. 100 records |
| 4) Demography: | approx. 150 records |
| 5) Economic Issues: | approx. 300 records |
| 6) Health: | approx. 1250 records |
| 7) Housing and the Built Environment: | approx. 350 records |
| 8) The Humanities: | approx. 50 records |
| 9) Psychological Aspects: | approx. 200 records |
| 10) Research and Education: | approx. 420 records |
| 11) Social Gerontology: | approx. 970 records |

221 electronic titles on CDs in PDF format were added to the collection. In 2003 an initiative to establish an electronic component to the collection was begun that now consists of 452 titles.

HO.

28 VHS videotapes were added to the newly re-organized videotape collection which now comprises over 87 titles. A combination TV-VCR allows researchers and students to view these films in the Centre.

Material acquired for the collection were catalogued by the I.O. using ProCite bibliographic software which, in turn, were uploaded onto the BRS database system of the SFU library catalogue system on a regular basis to make the GRCIC catalogue available online.

Additionally, **133 journal issues**, and **104 newsletters**, were received and processed for the collection as well as over **180** new pamphlets, reports, bibliographies, and reprints of articles that were categorized and filed.

Reprints of articles published by staff and faculty of the Centre are also being collected.

Information Requests

753 in-person, email, and telephone requests for information were handled by the I.O. in the current fiscal year. Those seeking information are divided into the following categories:

Source of Information Request	Total Number of Requests
SFU Researcher	566
SFU Student	118
Non-SFU researcher	15
Non-SFU student	3
British Columbia Network for Aging Research	10
Government agency	4
Community service provider	13
Business	5
Media	3
Other	15
TOTAL:	753

The I.O. provides a variety of services to fill the requests including: instruction on library use and database searching; arranging inter-library loans; current awareness services; as well as personally conducting over **1045** searches of electronic databases such as AgeLine, Medline, PsycINFO, Sociofile and the Internet.

Centre/Department Publications Lists and Annual Report Activities Records

The I.O. maintains lists of Centre and Department publications in the categories representing the Centre's five main research activity areas. As well, the I.O. maintains records used in the compilation of the Centre's Annual Report that include publications, interviews, committee service, etc.

HJ

Interlibrary Loans (ILL)

The I.O. processed 35 ILL requests for monographs and journal articles from other libraries. ILL is a complex process in which citations are verified, library holdings are searched and recorded, and requests formally input. The I.O. also arranges for delivery/pick-up of ILL material as required.

Education, Training and Orientation Services

Users of the Centre are often in need of instruction in basic research and library skills (e.g. the use of online catalogues and databases such as AgeLine). Instruction is provided formally by the I.O. in the classroom to new Gerontology Diploma and Masters students as a team with Nina Smart. The I.O. also provides instruction in the Centre library on an ongoing basis to all who seek it.

Editing Centre Publications and Special Events Documents

The I.O. edits Centre publications (e.g. the *Fact Book on Aging in British Columbia*, 4th Ed.) as well as documents that are produced in conjunction with special events such as the Annual John K. Friesen Conference and the Ellen Gee Memorial Lecture Series.

Newsletters

The I.O. is the editor of the Centre newsletter *GRC News* of which three issues are produced each year and *Seniors' Housing Update* (SHUP) of which two issues are produced each year. Circulation of the *GRC News* is approximately 2000 with subscribers including both individuals and organizations. Circulation of *SHUP* is approximately 1000. The I.O. co-ordinates production of the newsletters by working with the person(s) responsible for its layout, as well as arranging printing, delivery, and mail-out. **Jocelyne LaFlamme** was responsible for the layout of both the *GRC News* and *SHUP* until January 2006 when **Mykle Ludvigsen** assumed this position. Printing the newsletters is carried out by Reprographics, SFU. Mail-out of the newsletters is carried out by coordinating student volunteers.

Websites: GRC; Gerontology Department; and Living Lab

The I.O. maintains three websites as well as collecting statistics on their use: the Gerontology Research Centre; the Gerontology Department website; and the Dr. Tong Louie Living Lab website. Starting this fiscal year, a new statistical reporting method based on total visits to each page of the three websites was employed that permits greater accuracy in monitoring overall website activity. Rates of usage will, therefore, be dramatically different from previous figures quoted in this section of the annual report that only included 'hits' to the homepage of the three websites. Rates of access for the period April 1, 2005 – March 31, 2006 for the websites are as follows: GRC website (172,881); Gerontology Department website (166,735); and the Living Lab website (13,668). The websites include profiles of faculty and staff and their research interests, information on current research, and copies, in PDF format, of the *GRC News* and the *Seniors' Housing Update*.

Beginning this year, the I.O. posted lectures, assignments, and course grades on the Gerontology Department website for selected courses to facilitate online learning.

BC Network for Aging Research (BCNAR) – Research on Aging Database (RAD)

The I.O. in conjunction with MA Candidate **Angela Johnston** designed, implemented, and maintains the BCNAR's RAD database. RAD is built on Reference Manager bibliographic software and is hosted on the I.O.'s computer to enable online access. RAD contains over 1500 citations of work by BC authors on individual or population-aging related topics primarily published between 1984 and the present. It lists journal articles, books, book chapters, conference proceedings, and reports as well as theses on aging-

related topics. Pertinent research topics include: adult education, demographics and lifestyle, elder abuse, health and aging, alzheimer's/dementia, and housing and the built environment. This database is capable of performing an advanced Boolean search and sorting. **RAD was accessed 978 times** since it went online in May 2005.

Committee Service

The I.O. served as the Gerontology Research Centre's representative on the **SFU Faculty of Arts Library Users' Committee (FALUC)**.

Vancouver School Board Career Program Supervision

The Gerontology Research Centre regularly acts as a host for the **VSB Career Program**. The I.O. established and supervises specific library-related projects for the student(s) to work on. This year's project entailed creating an electronic record of the video-/audio-tapes made during the 17th World Congress of the International Association of Gerontology hosted by the GRC.

Submitted by Raymond G. Adams, B.A., M.L.I.S., 2006