

SIMON FRASER UNIVERSITY
Senate Committee on University Priorities
Memorandum

S.08-9

TO: Senate

FROM: John Waterhouse
Chair, SCUP
Vice President, Academic



RE: Centres and Institutes Report 2006/2007 **DATE:** December 11, 2007
(SCUP 07-76)

At its December 5, 2007 meeting SCUP reviewed and approved the Centres and Institutes Report 2006/2007. It is attached for the information of Senate.

encl.


 SFU

OFFICE OF THE VICE-PRESIDENT, RESEARCH

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FROM B. Mario Pinto, Vice-President, Research

RE Centres and Institutes Report 2006/2007

DATE November 2, 2007

As specified under SFU Policy R 40.01 "Centres and Institutes," the Governing Committee for Centres, comprising the Vice-Presidents, Academic and Research, is pleased to submit to the Senate Committee for University Priorities the thirteenth annual report on the activities of the Centres. A copy of the Policy is also attached for your reference.

The report covers primarily the fiscal year 2006/2007. It consists of two parts: a description of each Centre covered under the Policy, some taken from the current SFU Calendar and others updated, and a table showing the status of each Centre in several important areas. In addition, information on Centres that were either established or dissolved since the end of FY 2006/2007 is included.

Centres are divided into two categories, according to the Policy:

- Schedule A Centres are under the direct authority of the Faculty Deans. The Deans report to the Governing Committee on the Centres under their authority. The enclosed status report indicates the degree to which the reports of the Centres are found by the Dean to be adequate.
- Schedule B Centres either have a university-wide mandate or comprise multi-university consortia in which SFU participates. The Vice-President, Research is responsible for these Centres. These are also included in the status report.

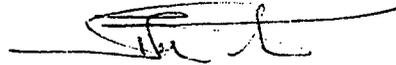
As requested by the Senate Committee on University Priorities (SCUP) on April 19, 2003, included in the Status Report is information on the resources given to the

OFFICE OF THE VICE-PRESIDENT, RESEARCH

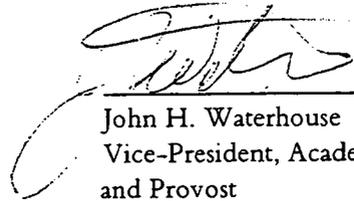
Centres/Institutes by the University. More detailed information can be obtained from Ms. Valerie Murdoch in the office of the Vice-President, Research.

In the report, "N/A" is entered when no report is required. In all cases, the reports received are available for perusal in the office of the Vice-President, Research.

Attachments: Status Report on Centres and Institutes
 Descriptions of Centres and Institutes
 Policy R 40.01 "Centres and Institutes"

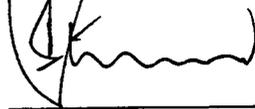


B. Mario Pinto
Vice-President, Research



John H. Waterhouse
Vice-President, Academic
and Provost

To the Board for Information



Michael Stevenson
President and Vice-Chancellor

**2006/2007 Status Report on Research Centres and Institutes
under Policy R40.01
October 31, 2007**

	Date Established	BoG Approval	Adequate Report on:		University resources provided to Centre:			
			Activity	*Contracts	Finances	Space	Personnel	Equipment
Schedule A								
Faculty of Applied Sciences								
Centre for Policy Research on Science & Technology (CPROST)	12/16/88	1/19/89	Active	N/A	Yes	Yes	No	No
Centre for Tourism Policy and Research	1989	4/27/94	Active	Yes	Yes	Yes	No	Yes ¹
Cooperative Resource Management Institute (CRMI)	12/16/97	11/26/98	Active	N/A	Yes	Yes	No	No
Institute of Micromachine & Microfabrication Research	10/20/92	1/26/93	Active	N/A	N/A	No	No	No
Logic and Functional Programming Group	5/23/91	9/24/91	Active	Yes	N/A ²	Yes	No	No
Faculty of Arts & Social Sciences								
Bill Reid Centre for Northwest Coast Art Studies(1)	2006	5/18/06	Active	Yes	Yes	Yes ³	Yes ⁴	Yes ⁵
Centre d'études francophones Québec Pacifique	5/25/01	5/25/01	Active	N/A	Yes	Yes	No	No
Centre for Coastal Studies	6/14/01	6/14/01	Active	Yes	N/A ⁷	Yes	Yes ⁸	Yes ⁹
Centre for Comparative Study of Muslim Societies and Cultures (2)	2006	9/21/06	Active	N/A	Yes	Yes	No	Yes ¹⁰
Centre for Global Political Economy	6/26/02	4/17/03	Active	N/A	Yes	Yes	No	No
Centre for International Studies	6/23/05	6/23/05	Active	N/A	Yes	No	No	Yes ¹¹
Centre for Labour Studies	2/96	5/23/96	Active	N/A	Yes	Yes	Yes	Yes ¹²
Centre for Public Policy Research	2003	11/21/02	Active	N/A	Yes	No	Yes	No
Centre for Research on Adaptive Behaviour in Economics (CRABE)	9/02	2/20/03	Active	N/A	Yes	No	No	Yes ¹³
	Date	BoG	Adequate Report on:		University resources provided to Centre:			

¹ The Centre's operating budget of approximately \$8,500 is embedded within the operating budget of the School of Resource and Environmental Management.
² This is the last year of a four year contract in the amount of \$41,000 - the funds are administered in Denmark and can only be used for travel. The Centre is putting together another proposal for renewal.
³ The Centre shared an office at Harbour Centre but the office was no longer required after the Centre's move to the former Crafts Museum in September 2007.
⁴ The Centre receives administrative support from the Office of the Dean of Arts and Social Sciences.
⁵ The Centre received a Dell laptop computer for their use.
⁶ The Centre receives \$150,000 per year for five years (2007-2012) from the Office of the President.
⁷ The Centre does not have direct control of accounts - they are administered through Continuing Studies in Science and the Departments of Geography and Molecular Biology and Biochemistry.
⁸ The Director's salary is covered by Continuing Studies, the .5 time coordinator and program assistant position are revenue funded.
⁹ The Centre received operating funds from the Dean of Arts and Social Sciences in the amount of \$17,500.00, additional funds were raised through the Centres' outreach activities.
¹⁰ The Dean of Arts and Social Sciences provided funding to History in the amount of \$20,650.00 for the purpose of hiring a coordinator for the Centre. History subsequently signed the contract with the coordinator.
¹¹ The Centre received \$40,000 from the Dean of Arts and Social Sciences Office and \$10,000 from the VP, Academic Office for an upcoming conference.
¹² The Centre received \$2,354 from the Dean of Arts and Social Sciences Office.
¹³ The Centre received \$6,500 for a course release for the Director of the Centre from the Faculty of Arts and Social Sciences.

Established	Approval	Activity	*Contracts	Finances	Space	Personnel	Equipment	Budget
Faculty of Arts & Social Sciences								
3/22/01	3/22/01	Active	N/A	Yes	Yes	No	No	No
5/99	5/27/99	Active	N/A	Yes	Yes	Yes	No	Yes ¹⁴
11/4/88	1/19/89	Active	Yes	Yes	Yes	Yes ¹⁵	Yes	Yes ¹⁶
1979	2/27/79	Active	N/A	Yes	Yes	No	No	No
4/3/90	5/22/90	Active	N/A	Yes	Yes	No	No	No
5/10/82	6/29/82	Active	N/A	Yes	Yes	Yes	No ¹⁷	No ¹⁸
5/14/92	5/26/92	Active	N/A	Yes	Yes	No	No	No
11/1/04	2/17/05	Active	N/A	Yes	Yes	No	No	Yes ¹⁹
12/5/94	6/22/95	Active	Yes	Yes	Yes	No	Yes	No
6/8/83	9/27/83	Active	N/A	Yes	Yes	Yes	No	Yes ²⁰
7/21/80	9/23/80	Active	N/A	Yes	Yes	No	Yes	No
5/2/91	6/25/91	Active	Yes	Yes	Yes	No	No	No
Faculty of Business Administration								
2007	1/25/07	New Centre- No report required this year.						
2/16/06	2/16/06	Active	N/A	Yes	Yes	No	No	Yes ²¹
9/22/05	9/22/05	Active	Yes	No	Yes	No	No	No ²²
11/16/81	1/23/82	Active	N/A	Yes	No	No	No	No
Adequate Report on:								
Date	BoG	Activity	*Contracts	Finances	Space	Personnel	Equipment	Budget

¹⁴ The Faculty of Arts and Social Sciences provided \$1,873 towards Lord Steel's travel support and the Department of History provided \$200 to support the visiting lecturer.

¹⁵ One 1/2 time director; one 1/2 time associate director; one full-time departmental assistant; one course release for Director; one course release for Associate Director; four seasonal teaching stipends from the Office of the Dean of the Faculty of Arts and Social Sciences; five supervisor and tutor-marker stipends for distance education courses from Continuing Studies.

¹⁶ The Centre received \$6,328 from the Dean of Arts and Social Sciences Office.

¹⁷ The Department of Gerontology received 2,400 in capital equipment funds for the purchase of a computer for the shared use of the department's half time graduate secretary and the GRC's half time receptionist.

¹⁸ The operating budget for the GRC comes mainly from endowment fund interest.

¹⁹ The Centre received \$5,000 from the Dean of Arts and Social Sciences Office.

²⁰ The Institute received \$58,278 from the Dean, Faculty of Arts and Social Sciences to cover the salary of the Administrative Assistant.

²¹ The Centre received \$50,000 from Faculty Resources.

²² The Centre operates on a \$100,000 annual budget provided by the donor for the Centre, CMA Canada.

Schedule B	Date Established	BoG Approval	Adequate Report on:		University resources provided to Centre:				
			Activity	*Contracts	Finances	Space	Personnel	Equipment	Budget
4D LABS	5/19/05	5/19/05	Active	N/A	Yes	No	No	No	Yes ²⁹
B.C. Synchrotron Institute (BCSI)	7/18/02	7/18/02	Active	N/A	N/A	No	No	No	No
Behavioural and Cognitive Neuroscience Institute	9/22/05	9/22/05	Active	N/A	N/A	No	No	No	No
Canadian Centre for Studies in Publishing	1987	7/14/94	Active	N/A	Yes	No	No	No	No
Centre for Dialogue (5)	3/21/02	3/21/02	Active	N/A	Yes	No	No	No	No
Centre for Imaginative Education (6)	2007	4/19/07	New Centre-No report required this year.						
Centre for Operations Research and Decision Sciences (CORDS) (7)	2006	9/21/06	Active	N/A	N/A	No	No	No	No
Centre for Scientific Computing	3/22/01	3/22/01	Active	N/A	Yes	Yes	Yes	No	No ³⁰
Centre for Studies in Print and Media Cultures (8)	2006	7/20/06	Active	N/A	Yes	No	No	No	Yes ³¹
David See-Chai Lam Centre for International Communication (9)	4/1/89	4/27/94	Active	Yes	Yes	Yes	Yes ³²	No	No
Institute for the Study of Teaching and Learning in the Disciplines (10)	2007	2/22/07	New Centre-No report required this year.						
Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)	1/20/05	1/20/05	Active	N/A	Yes	Yes	Yes ³³	No	Yes ³⁴
International Centre for Criminal Law Reform and Criminal Justice Policy	5/1/91	1/28/92	Active	Yes	Yes	No	No	No	No
Nanomed Canada Research Network (11)	2007	4/19/07	New Centre-No report required this year.						
Pacific Institute for the Mathematical Sciences (PIMS)	1996	4/22/99	Active	N/A	Yes	Yes	No	No	Yes ³⁵
TRIUMF	1968	9/22/81	Active	N/A	N/A	Yes	No ³⁶	No	No
Western Canadian Universities Marine Biology Station (Bamfield)	6/18/69	7/23/70	Active	N/A	N/A	No	Yes ³⁷	No	Yes ³⁸

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²⁹ 4D Labs received operating funds in the amount of \$40,000 from the Vice-President Research Office.
³⁰ The President's Office, Vice President Research Office, Faculty of Applied Science, Faculty of Arts and Social Sciences and the Dean of Science Office provided \$15,000 each totalling \$75,000 towards the Fulbright Chair in Remote Sensing.
³¹ The Vice President Academic's Office, the Dean of Arts and Social Sciences Office, the Dean of Applied Sciences Office, the Dean of Library Services Office, the Department of English, the Department of History and the School of Interactive Arts and Technology contributed a total of \$6,500 towards a symposium held on May 3, 2007.
³² The Centre is provided with a half-time secondment of on faculty member as Director of the Lam Centre. All other staff are supported by endowment/grant/tuition income.
³³ Dr. Peter Borwein, Project Leader and Executive Director receives a reduction of one course every two years, Dr. Veslin Jungie has a half-time appointment in the Centre as the Research Director and Glenn Davies has a half-time appointment as the Senior Systems Administrator at the Centre.
³⁴ IRMACS received \$40,000 IDC funds from the Vice President Research Office and \$7,500 seminar funding from the Dean of Science Office.
³⁵ PIMS received \$75,000 from SFU for the 2006/07 fiscal year (\$35,000 from the Dean of Science and \$20,000 from the President's Office).
³⁶ TRIUMF supports three positions at the university at the 50% level. TRIUMF resources, including funding and personnel, have been provided to the university for the SFU CFI projects ATLAS Tier-1 Centre and M20 Beamline upgrade.
³⁷ Dr. Mike Hart and Dr. Isabelle Cote (Biological Sciences) both do some summer teaching at BMSC for which they receive teaching credit from SFU.
³⁸ The Faculty of Science gave \$250,000 towards the annual institutional contribution to BMSC operations.

*Contracts Column:

"N/A" is entered when no report is required because, for example, the Centre is newly established or there are no contracts in place.

NOTES:

1. The Board of Governors approved the creation of the Bill Reid Centre for Northwest Coast Art Studies as a Schedule A Centre on May 18, 2006
2. The Board of Governors approved the creation of the Centre for Comparative Study of Muslim Societies and Cultures as a Schedule A Centre on September 21, 2006
3. The Board of Governors approved the creation of the Centre for Studies in Global Asset and Wealth Management as a Schedule A on January 25, 2007.
4. The Board of Governors approved the creation of the Children's Health Policy Centre as a Schedule A Centre within the Faculty of Health Sciences on March 22, 2007.
5. The Dialogue Steering Committee requested that the Dialogue Institute's name be changed to the Centre for Dialogue. This was approved under the delegated authority of SCUP on February 2, 2007. At the same time, the reporting relationship was changed to the Vice President Academic rather than the Vice President Research.
6. The Board of Governors approved the creation of the Centre for Imaginative Education as a Schedule B Centre on April 19, 2007.
7. The Board of Governors approved the creation of the Centre for Operations Research and Decision Sciences (CORDS) as a Schedule B Centre on September 21, 2006.
8. The Board of Governors approved the creation of the Centre for Studies in Print and Media Cultures as a Schedule B Centre at its meeting on July 20, 2006. At the time of approval, there was an understanding that further consultations with the School of Communication take place in Fall 2006 with respect to the name of the Centre.
9. The David See-Chai Lam Centre for International Communication (Schedule B) the reporting relationship was changed to the Vice President, Academic rather than the Vice President Research; this was approved under the delegated authority of SCUP on February 7, 2007.
10. The Board of Governors approved the establishment of the Institute for the Study of Teaching and Learning in the Disciplines as a Schedule B Institute reporting to the Vice-President Academic at its meeting on February 22, 2007.
11. The Board of Governors approved the establishment of the Nanomed Canada Research Network (NANOMED Canada) as a Schedule B Centre at its meeting on April 19, 2007.

8.

DESCRIPTION CENTRES AND INSTITUTES
October 31, 2007

SCHEDULE A CENTRES

Faculty of Applied Sciences

Centre for Policy Research on Science and Technology (CPROST)

Director: R.K Smith BA (Car), MA, PhD (S Fraser), 778.782.5116 Tel, smith@sfu.ca, www.sfu.ca/cprost

CPROST was established in 1988. Its primary research is the relationship between public policy and management of technology. The centre brings together practitioners and scholars to study the interaction of advances in science and technology, its implementation in the marketplace, and the impact on community and individual interests.

Centre for Tourism Policy and Research

Director: P.W. Williams BA (Ott), MA (Wat), PhD (Utah State), 778.782.3103 Tel, 778.782.4968 Fax, peter_williams@sfu.ca, www.sfu.ca/~dossa

This centre is housed within the School of Resource and Environmental Management. The school plays a leading role in managing the operation of the centre. The centre provides academic counsel to graduate students, supports the delivery of professional development seminars and workshops, and conducts tourism policy and planning research projects for public and private sector tourism organizations.

Co-operative Resource Management Institute

Director: A.S. Harestad BSc, MSc, PhD (Br Col), 778.782.4809 Tel, 778.782.4968 Fax, dallaway@sfu.ca, www.rem.sfu.ca/crmi

This institute is a unit on the Burnaby campus that houses personnel from natural resource management agencies. The Institute can facilitate solutions to difficult multidisciplinary issues in resource management by providing an environment where personnel from different management agencies such as forestry, fisheries, and wildlife can work side-by-side along with Simon Fraser University faculty, graduate students, post-doctoral fellows, and research associates on a daily basis. The university benefits from greater concentration of expertise in resource management on campus and from new opportunities for multidisciplinary, collaborative research programs.

Institute of Micromachine and Microfabrication Research

Director: M. Parameswaran BE (Madr), MSc, PhD (Alta), 778.782.4971 Tel, 778.782.4951 Fax, param@sfu.ca, www.sfu.ca/immr

This institute will stimulate, encourage and enhance micromachining and microfabrication research by providing a focus and resource base for collaborative and multidisciplinary research leading to new processes and new devices of benefit across a wide array of disciplines.

Logic and Functional Programming Group

Director: V. Dahl MSc (Buenos Aires), PhD Aix-Marseilles I, Dipl d'Et App Aix-Marseilles II, 604.291.3426/3372 Tel, 604.291.3045 Fax, lfp@cs.sfu.ca, www.cs.sfu.ca/research/groups/Logic-Functional.html

This group was established in 1990 under Simon Fraser University's policy AC-35 to facilitate research on the theory and applications of declarative programming (in particular logic programming, and function programming, constraint logic programming and logic grammars). It is strongly interdisciplinary comprising several Simon Fraser University unit members from several SFU units (computing science, linguistics, mathematics, engineering science), and two University of BC units (linguistics, computing sciences), the University of Victoria, Université de Provence, Roskilde University, Trinity Western University, ILOG in France, and the University of Dallas.

The group aims at furthering state-of-the-art on theoretical and practical aspects of developing declarative programming tools, at investigating the uses of these tools for concrete intelligent systems, and facilitating result transfers and collaborations with other academic units and with industry. Members' interests include logic, functional and constraint-based programming theory and tools, natural language processing, linguistic theory automation, deductive data bases, knowledge representation, hardware design, expert systems, robotics, distributed processing, mobile code and virtual worlds, tools for molecular biology, and software for the handicapped.

Faculty of Arts & Social Sciences

Bill Reid Centre for Northwest Coast Art Studies

Director: G. Macdonald BA (Tor), PhD (Yale), LLD (Calg), OC, 604.682.3455, 604.682.3310, gmacdonald@billreidfoundation.org,

The objective of the centre is to promote the understanding of the history and principles of Northwest Coast Indigenous art through research and connoisseurship, and to promote its application to contemporary art and design in British Columbia with special reference to the interests of Indigenous Peoples. The centre will provide a meeting place for students and scholars of diverse backgrounds, and serve as a virtual access portal for Native community centres, museums and academic departments around the world.

Centre d'études Francophones Québec-Pacifique

Director: G. Poirier BA (Laval), MA, PhD (McG), 519.888.4567 x 32773, poirier@uwaterloo.ca, http://french.uwaterloo.ca/~poirier/cefqep_files/Centre.html or <http://www.espacesfrancophones.uwaterloo.ca>

The centre is a research and documentation centre. Its mandate includes gathering and disseminating information relating to French literatures, cultures and language of the Pacific region, as well as interdisciplinary research in literature, sociolinguistics, cinema and culture. It supports and sponsors conferences, colloquia and visiting speakers. As the only research centre of its kind west of the Rockies, its activities and programs focus on the distinct culture of French speakers of BC and the Pacific Rim. In addition, the centre

acts as a liaison between the Centre d'études Québécoises (CETUQ) of the University of Montreal and the Pacific Region.

Centre for Comparative Study of Muslim Societies and Cultures

Director: D.N. Maclean BA (NY State), MA, PhD (McG), 778.782.4437 Tel, 778.782.5837, derryl_maclean@sfu.ca, www.sfu.ca/history/ccsmc

The centre facilitates the academic discussion and public understanding of the cultures and societies of Muslim peoples of the past and present. By focusing attention on the diversity of Muslims, the centre encourages the shift in analysis from that of a single religious ideaspcape defined by Islam to a more complex view of Muslims as agents in the construction of their own history. It sponsors and supports conferences, workshops, public lectures, visiting scholars, international exchange, library augmentation, and language acquisition in the area of Muslim studies.

Centre for Global Political Economy

Director: S. McBride BSc (Lond), MA, PhD (McM), 778.782.4375 Tel, 778.782.4786 Fax, cgpe@sfu.ca, www.sfu.ca/cgpe

This centre is housed in the Department of Political Science, and involves faculty from other academic units at Simon Fraser University to provide a focus for existing strength in the field of global political economy and to win a position as an international centre for such research. This will be accomplished through external grants, high quality publications and a variety of other activities.

Centre for International Studies

Director: L.J. Cohen BA, MA (Ill), PhD (Col), 778.782.4518 Tel, 782.782.4786 Fax, cohen@sfu.ca

The centre provides a setting for students, faculty, and community members to explore the global issues in today's increasingly complex, inter-dependent and rapidly changing world. Through a comprehensive, rigorous, and focused program of studies, research efforts, and dialogue, the centre examines the most pressing international issues confronting the members of the global community. The centre's programs will explore the character and causation of various global problems, examine how such issues have been manifest in diverse regional and cultural settings, and evaluate the alternative policies that have been offered to manage or resolve existing global challenges.

Centre for Labour Studies

Director: M. Leier BA, MA (S Fraser), PhD (Nfld), 778.782.5827 Tel, 778.782.5837 Fax, tessaw@sfu.ca, www.sfu.ca/labour

The centre promotes the study and understanding of labour, working people, and their organizations from a comprehensive social, cultural, historical, political and economic perspective. The centre aims to provide a range of taught courses and programs (both credit and non-credit), offer research opportunities and assistance to both Simon Fraser University students and provincial labour organizations, and create mutually supportive and beneficial links between the academic and labour communities.

Centre for Public Policy Research

Director: N.D. Olewiler BA (Col), MA (S Fraser), PhD (Br Col), 778.782.5289 Tel, 778.782.5288 Fax, mpp@sfu.ca, www.sfu.ca/mpp

The purpose of the centre is to promote interdisciplinary research, education, and dialogue on a broad range of public-policy issues in Canada. The Centre supports and initiates research, publications, colloquia, conferences, visiting researchers and speakers, and international relationships. It is the research arm of the Public Policy Program at Simon Fraser University, complementing the master in public policy graduate degree program.

Centre for Research on Adaptive Behaviour in Economics (CRABE)

Director: J. Arifovic BA (Sarajevo), MA, PhD (Chic), 778.782.5603 Tel, 778.782.5944 Fax, arifovic@sfu.ca, www.sfu.ca/crabe

The centre's activities and program are intended to initiate and promote research related to experimental and behavioural economics, and computational methods of the study of learning, adaptation and evolution in economic environments. The centre will facilitate the conduct of faculty and student research projects by providing infrastructure for computer simulations, economic experiments with human subjects and survey studies. The centre will also organize conferences, colloquia, visiting speakers' seminar series, and visiting scholar programs.

Centre for Restorative Justice

Co-directors: E. Elliott, BPE (Ott), MSW (Car), PhD (S Fraser), 778.291.4730 Tel, 778.782.4140 Fax, B. Morrison, BA, PhD (Australia National University), 778.782.7627 Tel, 778.782.4140 Fax, cfrj@sfu.ca, www.sfu.ca/cfrj

The centre, in partnership with individuals, the community, justice agencies and Simon Fraser University exists to support and promote the principles and practices of restorative justice. The centre provides education, innovative program models, training, evaluation and research through a resource centre and meeting place that facilitates outreach, promotion, dialogue and advocacy.

Centre for Scottish Studies

Director: S. Duguid AB (Ill), MA, PhD (S Fraser), 778.782.6810, 604.291.4504 Fax, hmcgrath@sfu.ca, www.sfu.ca/scottish

The centre's activities and programs promote teaching, research and community programming in Scottish studies. It supports and initiates research, publications, non-credit and credit instruction, colloquia, conferences, visiting speakers and international relationships. In the pursuit of these objectives, the centre provides support to existing individual, departmental and cross-departmental activities at Simon Fraser University in the area of Scottish studies.

Centre for Sustainable Community Development

Director: M.L. Roseland, BA, MA (Wesleyan, Conn), PhD (Br Col), 778.782.5849 Tel, 778.782.5473 Fax, cedadmin@sfu.ca, www.sfu.ca/cscd

Sustainable community development aims to integrate economic, social and environmental objectives in community development. Sustainable community development is based on a consideration of the relationship between economic factors and other community elements such as housing, education, the natural environment, health, accessibility and the arts. SCD has emerged as a compelling alternative to conventional approaches to development, a participatory, holistic and inclusive process that leads to positive, concrete changes in communities by creating employment reducing poverty, restoring the health of the natural environment, stabilizing local economies, and increasing community control.

The SFU Centre for Sustainable Community Development (CSCD), formerly the Community Economic Development Centre, was founded in 1989. The Centre's mission is to support the sustainable development of communities through education, research and community mobilization; it provides research, training and advisory services throughout BC and Canada as well as internationally. The CSCD offers an undergraduate certificate and post-baccalaureate diploma (also available through distance education), graduate support, and a non-credit professional program.

Criminology Research Centre

Director: W.G. Glackman BA (Calif), MA, PhD (S Fraser), 778.782.5352/4041 Tel, 778.782.4140 Fax, crc@sfu.ca, www.sfu.ca/crc

The Criminology Research Centre was established in 1978 to facilitate criminological research by faculty and graduate students. Funds to establish and maintain the centre were provided by the Solicitor General of Canada for the first 15 years of operation. Since that time, grants and contracts obtained by School of Criminology faculty from provincial, federal and private sources have maintained the centre at a minimal level. Currently, the centre operates largely as an administrative unit for external funding received by faculty of the school. Funding to pay the salary of an administrator is derived from these sources. In addition, a modest library is maintained for the use of the Simon Fraser University community.

Feminist Institute for Studies on Law and Society

Co-directors: D.E. Chunn BA (Br Col), MA, PhD (Tor), 604.291.4761 Tel, W. Chan BA (Car), MA (Sheff), PhD (Camb), 604.291.4469 Tel, fisls@sfu.ca

The institute was established in 1990 to facilitate and continue the development of feminist analyses on law and society at Simon Fraser University. It is designed to provide an environment for creative interaction among scholars and community representatives who are involved in its work locally, nationally and internationally, and to bridge gaps between legal and social science research.

Gerontology Research Centre

Director: A. Sixsmith BA, MA, PhD (King's College London) 778.782.5065 Tel, 778.782.5066 Fax, gero@sfu.ca, www.sfu.ca/grc

Established in 1982, the Gerontology Research Centre promotes and conducts innovative interdisciplinary research on topics relating to individual and population aging, serves as a clearinghouse for information and provides consultation and technical assistance to the

academic community, government, public and private organizations. The centre houses a specialized collection of research materials, maintains an active publications program, organizes workshops and conferences, and is a contributing member of two inter-university research consortia. Research activities focus on applied gerontology with concentrations in: aging and the built environment; health promotion/population health and aging; prevention of victimization and exploitation of older persons; changing demography and lifestyles; and culture and aging (a new research specialization), replacing older adult education after the retirement of Dr. Sandra Cusack. The associated Gerontology Department offers a post baccalaureate diploma in gerontology, a minor, and a Master of Arts degree. A PhD Program is currently in the approval phase.

Institute for Canadian Urban Research Studies

Director: P.L. Brantingham AB (Col), MA (Fordham), MSP, PhD (Florida State), 778.782.3515 Tel, 778.782.4140 Fax, pbranting@sfu.ca

The institute is intended to further multidisciplinary research on urban issues. More specifically its objectives are to provide a focus for research about urban problems and issues in Canada; to promote interdisciplinary collaboration and research; to provide an institutional focus for international scholarship concerning urban problems; to provide a facility in which data for the study of urban problems can be collected, catalogued, and made readily accessible through modern data management; to provide a facility in which research and techniques can be made available to those having a responsibility for policy.

The focus has evolved into an emphasis on public urban safety and security as well as vulnerability and risk. This focus is supported with memoranda of understanding between Simon Fraser University and several government ministries. The primary university/government MOU is with the Ministry of Public Safety and the Solicitor General including a formal research protocol with "E" Division of the RCMP. Under this MOU, ICURS engages in developing innovative and evidence-based approaches to advancing public safety research in general and crime reduction in particular.

Institute for Critical Studies in Gender and Health (ICSGH)

Co-Directors: O. Hankivsky BA (Tor), MA, PhD (WOnt), 78.782.5182 Tel, M. Morrow BA (Br Col), MA, PhD (Tor), 778.782.6906 Tel, 778.782.5288 Fax, oah@sfu.ca or mmorrow@sfu.ca, <http://www.sfu.ca/~icsgh/>

This institute anchors a vibrant interdisciplinary community of over 30 scholars, researchers and students. Its objectives and foci support the University's strategic research plan in the areas of i) health, genomics and physiological sciences and ii) history, culture, social relations and behaviour. The ICSGH complements the Faculty of Health Sciences and the Institute for Health Research and Education, which seek to integrate social and natural science research with population outcomes, societal application, and policy analysis. The ICSGH will also play a key role in the Faculty of Arts and Social Sciences which has identified health and public policy as a priority research area.

Each year, the institute will identify a key area of research that will be supported through seminars devoted to directed readings, public lectures, and an annual conference. Annual

conferences will bring together local, national and international scholars, activists, and practitioners from a number of disciplines and areas of research to consider conceptual and practical issues related to the institute's research mandate. Conferences will provide opportunities for discussion and debate, the development of intellectual networks and collaborative partnerships, and the chance to produce new and original research.

Institute of Governance Studies

Director: P.J. Smith BA, MA (McM), PhD (Lond), 778.782.4994 Tel, 778.782.4786 Fax, igs@sfu.ca; psmith@sfu.ca, www.sfu.ca/igs

This institute furthers research on governance issues. Specifically, its objectives will include the following.

- to provide research focus on issues and problems of governance in Canada at the municipal, regional/metropolitan, provincial and federal levels, in comparative domestic and aboriginal systems and in the newly emerging global order
- to promote collaboration and research on issues of governance among scholars in a variety of disciplines located at Simon Fraser University
- to promote an institutional focus for international scholarship concerning issues of governance.
- to provide a forum within the Vancouver metropolis, British Columbia and Canada for the presentation and dissemination of research and ideas about governance issues
- to provide a facility in which data for the study of contemporary governance and related public policy can be collected, catalogued and made readily accessible through data management and exchange
- to provide a facility in which research and techniques are available for exchange with those having responsibility for contemporary governance

Institute for the Humanities

Director: A.M. Feenberg-Dibon Licence d'Anglais, Diplome d'Etudes Superieures (Sorbonne), PhD (Calif) 778.782.3763 Tel, 778.782.5788 Fax, graham@sfu.ca, www.sfu.ca/humanities-institute

This institute provides various means to support and develop humanities programs and humanities concepts which are in existence throughout the University. The institute is devoted to the exploration and dissemination of knowledge about traditional and modern approaches to the humanities, and explores critical perspectives that relate social concerns to the cultural and historical legacy of the humanities. The institute initiates and plans conferences, seminars, projects and publications in a range of interrelated humanities fields and social sciences. The audience for these activities will be found in the University and the community. The institute and the Department of Humanities are affiliated.

Institute for Studies in Criminal Justice Policy

Co-Directors: M.A. Jackson BA (Calif), MA, PhD (Tor) 778.782.4040 Tel, D. MacAlister LLB (Br Col), BA, MA (S Fraser), LLM (Qu) 778.782.3019 Tel, 778.782.4140 Fax, margarej@sfu.ca/dmacalis@sfu.ca, www.sfu.ca/criminology/research/index.html

The institute was established with the initial support of the Donner Canadian Foundation in 1980. The purpose of the institute is to contribute to the examination of criminal justice

policy by providing a setting in which academics, justice system personnel and members of the community can assemble to apply scholarly research to policy development and analysis. The institute undertakes projects on its own initiative as well as under contract.

Mental Health, Law and Policy Institute

Director: R.M. Roesch BS (Arizona), PhD (Ill), 778.782.3370 Tel, 778.782.3427 Fax, mhlpi@sfu.ca, www.sfu.ca/~mhlpi/

This institute was established in 1991 to promote interdisciplinary collaboration in research and training in areas related to mental health, law and policy. Its membership is drawn from the Department of Psychology and the School of Criminology at Simon Fraser University as well as government and community agencies in Canada and internationally. The institute has received federal and provincial grants for a variety of research projects in the area of mental health and law, and also sponsors lectures and workshops. The institute also publishes forensic psychology books, including manuals for assessing risk for violence and recidivism and assessing mental health problems in pretrial jails.

Faculty of Business Administration

Centre for Studies in Global Asset and Wealth Management

Director: P. Klein BSc, LLB, MBA (WOnt), PhD (Tor), 778.782.7962 Tel, 778.782.5122 Fax, gawm@sfu.ca, www.sfubusiness.ca/gawm

The centre, which was approved by the Board of Governors on January 25, 2007, will focus on two fundamental issues with respect to financial investing. First is to address the growing need to research and assess global financial markets. Affiliated with the school's Global Asset and Wealth Management MBA Program, this centre's mandate is to develop a better understanding of the ever-increasing array of global investment instruments and their suitability as client investment opportunities. The centre will complement the school's markets research and trading room, where faculty and students can use the latest technologies to access global stock exchanges and on-line financial databases to explore and evaluate the details of particular investment strategies.

Increasingly we see the creation of new asset classes, such as hedge funds and boutique investments. Evaluating these new instruments, posing new instruments, and maximizing investment alternatives will be central activities of this new centre.

Secondly, the centre will develop research expertise with respect to the development of investment policies to better guide advice that is given to investors. More and more investors have invested in a broad array of investment opportunities, many of which are truly global. Such investors often must deal with highly specialized issues such as complex taxation consideration, large accrued capital gains and multi-generational concerns, situations in which simple investment structures are clearly not sufficient. What is needed are investment policies that more appropriately reflect such individualistic situations, rather than policies reflected in current investment planning, focusing on an average, stereotypic investor wherein decisions come down to selecting a debt/equity mix and little else.

The centre will marshal the academic resources for undertaking such advanced research and analytical capabilities. These academic resources would include researchers affiliated with the centre, visiting research fellows, and an affiliated PhD stream, as well as inter-institutional research linkages.

CIBC Centre for Corporate Governance and Risk Management

Director: D. Shapiro, BA (Calg), MA, PhD (Cornell), 778.782.5155 Tel, 778.782.5122 Fax, dshapiro@sfu.ca, www.sfubusiness.ca/cibc-centre

The centre provides leading edge research capability in corporate governance and risk management. It focuses on the nature and effects of good corporate governance, and the relationship between corporate governance and strategic, financial, technical, ethical and social risk. It disseminates research results in academic journals, and to relevant stakeholders through seminars, conferences and the internet. It develops leading-edge programs and colloquia in corporate governance and risk management, in particular as they relate to boards of directors and small firms. The centre has an international focus, and fosters strong national and international relationships among stakeholders and other relevant centres.

CMA Centre for Strategic Change and Performance Measurement

Director: T.B. Lawrence, BComm, PhD (Alta), 604. 291.5154 Tel, Fax, 604.291.5153, tom_lawrence@sfu.ca, www.sfubusiness.ca/cma-centre

The purpose of the Centre is to promote research and knowledge-dissemination about how organizations plan and execute strategic change, and how best to measure the performance of organizations undergoing such change. Funded by the Certified Management Accountants (CMA) of Canada, the centre will conduct research into three broad yet highly interrelated themes:

- strategic change and the execution of strategic change,
- appropriate measurements for the evaluation of the performance of such changes,
- the evolution of organizations undergoing rapid change.

W.J. VanDusen BC Business Studies Institute

Director: C.F. Smart BCom, MBA, PhD (Br Col), 778.782.3640 Tel, 778.782.5833 Fax, smart@sfu.ca, www.sfubusiness.ca/research

Established to focus research efforts on issues of particular relevance to corporations and government agencies in BC. The institute brings the expertise and research acumen of the Faculty of Business Administration to the Segal Graduate School of business where faculty and business executives have greater and more direct opportunities to work together. The institute sponsors lectures and has an executive-in-residence program to bring business leaders into the University's classroom.

Faculty of Education

The Centre for Education, Law and Society

Director: W. Cassidy BA, MEd (S Fraser), PhD (Chic), 778.782.4484/604.268.7840 Tel,
778.782.3203/604.268.7840 Fax, cassidy@sfu.ca, www.cels.sfu.ca,
www.lawconnection.ca (the centre's teaching arm)

The Centre for Education, Law and Society was established in 1984 and given formal approval by the Board of Governors in 1994. Its central purpose is to improve the legal literacy of children and young adults through a program of teaching, curriculum development, research, and community initiatives. Law related education encompasses: an understanding of law, its role in society and its impact on the individual; the relationship between law and citizenship; issues relating to social justice and fundamental human rights; conflict and dispute resolution; school law, policies, procedures and culture.

CELS works primarily with teachers and prospective teachers, school administrators, and educational and legal organizations to help fulfill its mandate. Projects range in scope from research into social responsibility and the ethics of care and justice, to publications that assess the educational benefits of mock trials, to consultation with a school for "at-risk", court-referred youth, to conferences on topical legal issues, to the formation of a website that helps educators address the legal content in the school curriculum. Projects vary from year to year, depending on identified needs, the Centre's priorities, and funding opportunities.

Three undergraduate courses and one graduate in law education have been developed and are offered on a regular basis through the Faculty of Education and the Centre for Distance Education. CELS attracts a number of graduate students interested in pursuing research related to *Charter of Rights and Freedoms* issues, social justice, at-risk youth, citizenship education, and global education.

Institute for Research on Early Education and Child Health (REACH)

Director: M. Hoskyn BHE, MA (Br Col), PhD (Calif), 604.268.6956 Tel, 604.291.3203
Fax, reach@sfu.ca, www.educ.sfu.ca/reach

The Institute for Research on Early-Education and Child Health (REACH) is a multidisciplinary research group at Simon Fraser University. The institute's mission is to generate and share knowledge about child health and education that will advance humanity by enriching the lives of young children and their families. Current research projects focus on young children from infancy to eight years of age and the communities in which they live and grow. We also have a special interest in advancing knowledge about the interplay between biology and environmental experiences that influence child health, psychosocial development and learning. Through community outreach in real world settings, we strive to promote change that favors children in early education and public policy at local, national and international levels.

At the Institute for Research on Early Education and Child Health (REACH), we believe that effective research focuses on the child and the child's rights, advances theory, and

defines the learning environments that promote child health and family well-being. An important part of this process is ongoing collaboration among researchers and the creation of partnerships with the families, health-care professionals, educators, administrators, advocacy groups, and policy makers who will potentially benefit from our research.

Institute for Studies in Teacher Education

Director: P.P. Grimmett BA (Newcastle, UK), BEd (Keele), MA, MEd (Alta), EdD (Br Col), 778.782.4937 Tel, 778.782.3203 Fax

The general aim of the institute is to promote and carry out research in the area of teacher education. It also seeks to develop collaborative links with groups within and outside the university community.

Faculty of Health Sciences

Children's Health Policy Centre

Director, Administration and Finance: C. Lopez BSc, CA, CGA, Associate Director: C. Waddell BSc, MSc (Br Col), MD (McM), 778.782.7775 Tel, 788.782.7777 Fax, chpcom@sfu.ca, www.childhealthpolicy.sfu.ca

Located in the Faculty of Health Sciences at Simon Fraser University, we are an interdisciplinary research group dedicated to integrating research and policy to improve children's health. We primarily focus on children's social and emotional development, or children's mental health, as one of the most important investments that any society can make.

We conduct research on the policy process and research relevant to inform policy-making: addressing determinants of health; preventing problems in children at risk; promoting effective programs and services; and monitoring our collective progress towards improving the lives of all children. Reciprocal relationships with government and community groups in turn inform our research.

We provide education in health policy, children's mental health and population health. As well, we provide service: to the research community in the form of consultation on the policy process; and to the wider community in the form of consultation to government and public advocacy groups concerned with children's health. Our work supports and complements the vision of the Faculty of Health Sciences to integrate research and policy for public and population health locally, nationally and globally.

Faculty of Science

Behavioural Ecology Research Group

Director: L.M. Dill BSc, MSc, PhD (Br Col), 604.291.3664 Tel, ldill@sfu.ca, www.sfu.ca/biology/berg

The research group was formally established in 1989 to pursue basic research in behavioral ecology; to maintain and develop an internationally recognized student training centre in behavioral ecology, and related areas of inquiry; and to provide a

service to government, industry and others to tackle basic and applied problems in behavioral ecology through collaborative research. Members are drawn from the Departments of Biological Sciences, Psychology, and the School of Resource Management.

Centre for Experimental and Constructive Mathematics

Director: M.B. Monagan BSc (Massey), MMath, PhD (Wat), 778.782.5617/4279 Tel, 778.782.5614/4947 Fax, mmonagan@cecm.sfu.ca, www.cecm.sfu.ca

The centre furthers research and graduate education in computation in the mathematical sciences.

The centre's activities may include: provision of post doctoral fellowships in areas related to experimental and constructive mathematics; sponsorship of regular short term and long term research visitors to the centre; organization of regular colloquia and occasional conferences on advances in experimental and constructive mathematics; participation in the training of graduate students in experimental and constructive mathematics; establishment, development and maintenance of accessible software archives; provision of tutorial assistance for faculty and graduate students at Simon Fraser University in the use of symbolic languages, of the centre's software, and of other high level mathematical tools; establishment of a related algorithmic consulting service for individuals within and without the University community; collaboration with similar centres and appropriate individuals at other Canadian and foreign universities. Such collaboration may include co-sponsorship of speakers, conferences and visitors, joint application for external research funds, exchange of software and expertise, establishment of a Canadian mathematical computation network.

Subject to the director's approval, the centre's membership will be open to Simon Fraser University faculty, and post-doctoral and graduate students who are actively involved in mathematical computing. Associate membership will be available to faculty at other universities.

Centre for Natural Hazards Research

Director: J.J. Clague, BA (Occidental), MSc (Calif), PhD (Br. Col), PGeo, Canada Research Chair in Natural Hazards, 778.782.4924 Tel, 778.782.4198, Fax. jclague@sfu.ca, www.sfu.ca/cnhr

The Centre for Natural Hazards Research (CNHR) is an interdisciplinary and multi-departmental research facility within the Department of Earth Sciences at Simon Fraser University. CNHR conducts research on natural geophysical processes that pose a hazard to Canadians, including earthquakes, tsunamis, landslides, floods, and the impacts of climate change on the landscape and ecosystems. It is grounded in the physical sciences but conducts social and policy research on risk perception. CNHR provides graduate students with training and skills in a range of disciplines required for careers in government, academic institutions, and the private sector.

Centre for Wildlife Ecology

Director: R.C. Ydenberg BSc (S Fraser), DPhil (Oxf), 778.782.4282 Tel, 778.782.3496 Fax, higham@sfu.ca, www.sfu.ca/biology/wildberg

The centre fosters high quality, graduate training and research, conducts basic and applied research in wildlife ecology, and provides knowledge and personnel that will help Environment Canada and other agencies meet the challenges of conservation in the 21st century. The central concept is to foster synergy between mission-oriented research and management policies of the Canadian Wildlife Service and the basic research agenda of Simon Fraser University.

Chemical Ecology Research Group (CERG)

Acting Director: G. Gries (Sept 1/07-Aug 31/08) Diplom, PhD (Gött), 778.782.3590 Tel, 778.782.3765 Fax, gries@sfu.ca, www.sfu.ca/chemistry/Research/cerg.html

This association of research groups, established in 1981 as a regional graduate and post graduate training centre in chemical ecology, offers a service to government and industry; to isolate, identify and synthesize semiochemicals; to clone, express and study enzymes involved in the perception and biosynthesis of semiochemicals; to study interactions between organisms mediated by semiochemicals; and to develop practical applications of semiochemicals.

SCHEDULE B CENTRES

4D Labs

Executive Director: N. Branda, BSc, PhD (MIT), 778.782.8158 Tel, 778.782.3765 Fax, maria@4dlabs.ca, www.4dlabs.ca

4D LABS was formed to foster fundamental university research in the areas of advanced materials and nano-scale devices. A multidisciplinary team of leading researchers will work to design, develop and demonstrate prototype devices that can lead to major advances in information and health technologies.

4D LABS integrates an international research team of chemists, physicists and engineers with expertise in nanomaterials engineering and devices. This team leads the transformation from traditional electronic information processing systems to new technology platforms. Each team member is internationally recognized and has a proven track record. Team specializations include functional molecules, functional solid state materials, surface chemistry and modification, electrochemistry, fabrication methods, lithography, polymers, biomaterials, materials characterization, theoretical chemistry and physics.

BC Synchrotron Institute

Director: K.L. Kavanagh BSc (Qu), PhD (Cornell), 778.782.4244 Tel, 778.782.3592 Fax, kavanagh@sfu.ca

The institute's members come from the University of BC, University of Victoria, Simon Fraser University, and University of Northern BC, BC companies, federal and provincial government laboratories in BC. The mandate is to inform the BC academic, industrial and government laboratory communities of opportunities through synchrotron radiation studies, particularly at the Canadian Light Source; to raise BC's profile nationally in research and development; and to assist in preparing BC funding applications for facilities and equipment from agencies such as CFI.

Behavioural and Cognitive Neuroscience Institute

Interim Director: D. Weeks BA (Windsor), MSc (McM), PhD (Auburn), 778.782.3358 Tel, 778.782.3427 Fax, dweeks@sfu.ca

This institute fosters interdisciplinary research and scholarship concerning the relationship between mind and brain. Building on the strengths of world-renowned researchers who investigate a variety of neural, cognitive, motor, and behavioural phenomena, the BCNI focuses on a broad range of topics. Our major emphases will be on the study of attention, perception, action and language.

Some of the main objectives of the centre are to

- understand the relationships between cognitive functions and their neurobiological substrates
- understand the life-long developmental plasticity of brain and behaviour
- understand the nature of the deficits and spared capacities that are specific to particular syndromes and developmental disorders
- develop new measures that can be used in clinical treatment

- co-ordinate initiatives to secure world-class neuroscience research tools and facilities for Simon Fraser University. The institute provides a matrix within which scientists work synergistically toward these and related goals.

Canadian Centre for Studies in Publishing

Director: R.M. Lorimer BA, MA (Manit), PhD (Tor), 778.782.5242 Tel, 778.782.5239 Fax, ccsp-info@sfu.ca, www.ccsp.sfu.ca

This centre was established in 1987 to pursue the study of publishing and to serve the research and the information needs of the publishing industry. The CCSP engages in basic research into the history, management, technology and policy issues related to the industry. Projects are initiated by the CCSP and undertaken under contract to, or by means of grants from industry, government and granting agencies. The research of the CCSP involves faculty, graduate students and independent researchers from a variety of disciplines. From time to time, the CCSP publishes monographs and reports on the theory and practice of publishing and sponsors seminars, conferences and professional development courses.

Centre for Dialogue

Director: M. L. Winston BSc, MA (Boston), PhD (Kansas), 778.782.7894 Tel, 778.782.7892 Fax, dialogue-info@sfu.ca, www.sfu.ca/dialogue

Established in March 2002, the centre promotes dialogue in and outside the University through applied, theoretical, and collaborative research, education and professional development and teaching. It brings together community leaders and organizations, faculty members from Simon Fraser University and beyond, and students at the undergraduate and the graduate levels to explore dialogue as a discipline and its application in solving complex problems. The centre focuses on the relation of dialogue and negotiation, on dialogue around foreign affairs issues such as war, environment, trade and immigration, on responding to needs in local communities for specific kinds of dialogue, first to relieve rising tensions and then to open possibilities of changing relationships. Within British Columbia, dialogues about the relation of aboriginal and non-aboriginal futures are of continuing interest. The centre is guided by the Centre for Dialogue steering committee and currently chaired by Mark Winston, Director, Undergraduate Semester in Dialogue; Fellow, Morris J. Wosk Centre for Dialogue; Professor, Dept. of Biological Sciences.

Centre for Imaginative Education

Director: M Fettes MA (Camb), MSc (Br Col), PhD (Tor), 778.782.4479 Tel, mtfettes@sfu.ca

The Centre for Imaginative Education seeks to nurture a new way of thinking about and practicing education, for institutions, individuals, and communities. Drawing on leading-edge research into the ways in which understanding develops, for individuals and cultures, the Centre works with educators of all kinds to engage a greater range of emotions and cognitive abilities in the processes of teaching and learning. Among other outcomes of this approach, learning environments can become more inclusive and exciting places, learners gain a deeper, more lasting, and more flexible grasp of subject matter, and educators develop new skills, energy, and inspiration.

The Centre coordinates both the Imaginative Education Research Group at Simon Fraser University (SFU), and the International Research Network on Imaginative Education, which involves researchers around the world. It also provides publications, workshops, and other materials and services to educators in the field.

The Centre is managed by a steering committee drawn from the academic community at Simon Fraser University, with guidance from an Advisory Board whose members come from a wide range of professional and social backgrounds.

Centre for Operations Research and Decision Sciences

Director: A. Punnen BSc (Kerala), MSc (Kanpur), PhD (IIT Kanpur), 778.782.7611, 778.782.7488, apunnen@sfu.ca The Centre for Operations Research and Decision Sciences (CORDS) is located at Simon Fraser University Surrey. With more than 15 members from various departments such as mathematics, computing science, business, resource and environmental management, the centre focus on research activities in the area of operations research—the science of optimal decision-making. Members undertake various applied research projects.

Centre for Scientific Computing

Director: R.D. Russell BS, BA, MA, PhD (New Mexico), 778.782.4819 Tel, 778.782.4947 Fax, rdr@cs.sfu.ca, <http://csc.sfu.ca>

Motivated by the expanding role of scientific computation and mathematical modeling in science and engineering, the centre was formed to bring together interdisciplinary research teams from various Simon Fraser University faculties. The major purpose of the Centre is to provide Simon Fraser University with a visible focus for computational research both on campus and in the wider Pacific Rim research community. Specifically, the Centre's goals are to facilitate discussion between scientific computing research groups (through seminars, workshops, conferences) to provide advanced instruction in computational techniques and applications (through graduate and post-doctoral programs), and to actively pursue joint research ventures with industry, government and laboratories.

Centre for Studies in Print and Media Cultures

Director: B.A. Schellenberg, BEd, BA (Winn), MA, PhD (Ott)

778.782.3095 Tel, 778.782.5737, schellen@sfu.ca, www.sfu.ca/~meverton/cspmc.htm

This centre was established to encourage cross-disciplinary research and exchange in the fields of print culture, media cultures in general communications technologies, the arts, and the public sphere. Current faculty members of the centre are from the departments and schools of communication, contemporary arts, English, history, interactive arts and technology, linguistics, the library, and political science. We welcome anyone in related areas of research to join us.

David See-Chai Lam Centre for International Communication

Acting Director: T.A. Perry BA (Wabash), PhD (Indiana), 778.782.5089 Tel, 778.782.5112 Fax, dlam-info@sfu.ca, www.cic.sfu.ca

This interdisciplinary centre, which began operation in 1989, integrates university, government, professional and business resources for research, education, development and community outreach activities. Its focus is on international, intercultural, and interlingual communication in Canada and overseas, with a special emphasis on the people and institutions of the Pacific Rim. Activities include international and intercultural communication research and development projects, Chinese, Japanese and other East Asian culture, language and communication courses and workshops, cross-cultural management and communication seminars, and the Pacific Region Forum on Business and Management Communication.

Institute for the Study of Teaching and Learning in the Disciplines

Director: C.L. Amundsen BA (Washington), MEd (Alaska), PhD (Montreal), 778.782.4853, camundsa@sfu.ca

Newly approved by the Simon Fraser University Senate, this institute will open its doors in late 2007. The primary purpose of the Institute is to inspire, support and enhance faculty-led inquiry into all aspects of teaching and learning at the University. Faculty-led inquiry is discipline-focused, initiated by individual faculty members or groups of faculty, and related to questions about teaching and learning specifically of interest to faculty. Two aspects of the Institute will be primary in supporting faculty-led inquiry:

- Faculty-led inquiry projects: funds will be made available through the institute for faculty-led inquiry that adheres to specific criteria. The findings will be made public, through both informal University presentations and publications and more formal external presentations and publications.
- Faculty teaching scholars: these individual faculty members will serve as the core membership of the institute. Committed to further developing their knowledge of the teaching and learning process in their respective disciplines, they will work with other faculty interested in such development through Institute-sponsored projects.

Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)

Project Leader and Executive Director: P. B. Borwein BSc (WOnt) MSc, PhD (Br Col), 778.782.4376 Tel, Manager: P. Borghardt, 778.782.6989 Tel, 778.782.7064 IRMACS Tel, 778.782.7065 Fax, irmacs@irmacs.sfu.ca, www.irmacs.sfu.ca

The IRMACS Centre is a unique, interdisciplinary research facility that enables collaborative interaction — intellectually, physically and virtually. IRMACS removes traditional boundaries between scientific disciplines and creates a stimulating environment for its researchers. It provides a versatile, computationally sophisticated infrastructure for nearly 200 scientists whose primary laboratory tool is the computer.

The centre is designed to facilitate communication and exchange of ideas. The configurable, open research facility efficiently incorporates a diverse community of scientists, research associates, and students, in a flexible manner. A proportion of the assignable space is also set aside for short-term and sabbatical visitors. Whether on-site

→ as'

or around the world, IRMACS researchers enjoy expert technical support and state-of-the-art computation, visualization and communication resources.

The centrepiece of the IRMACS centre is its presentation studio, seating up to one hundred people. The studio is a state-of-the-art audiovisual environment including a high-resolution 3D projection system. It also forms part of a global network of AccessGrid videoconferencing rooms.

The flexible meeting rooms and presentation studio have been configured to facilitate seminars, lecture series, workshops, medium-size research conferences and related activities. These rooms contain plasma computer displays with touch-screen interfaces. This creates a highly interactive environment, allowing lecture or meeting notes to be captured in real time and later distributed in standard file formats.

Access to computers is universal: one account and sign-on at any workstation provides researchers with access to all IT facilities. This infrastructure is intended to provide as much integration of researchers' mobile computing devices as is feasible.

International Centre for Criminal Law Reform and Criminal Justice Policy

President: D.C. Préfontaine, Q.C. BA (Rockhurst College (University)), LL.B. (Saskatchewan), LL.M (Univ. of Missouri)

Acting/Executive Director: K. Macdonald, 604.822.9875 Tel, 604.822.9317 Fax, icclr@law.ubc.ca, www.icclr.law.ubc.ca

This international centre was established in 1991 in Vancouver BC, by its founding charter members Simon Fraser University, the University of British Columbia and the International Society for the Reform of Criminal Law. The centre is formally affiliated with the United Nations and functions as one of two inter-regional UN affiliates of the United Nations Crime Prevention and Criminal Justice Program. The mandate of the centre is to promote human rights, the rule of law, democracy and good governance. To fulfill its mandate, the centre co-operates closely with other members of the United Nations Crime Prevention and Criminal Justice Network of Institutes, as well as federal and provincial governments.

Nanomed Canada Research Network

Executive Director: N. Branda, BSc, PhD (MIT), 778.782.8061 Tel, info@nanomedcanada.org, www.nanomedcanada.org/home

The Nanomed Canada Research Network (NANOMED CANADA) is a growing community of nanotechnology researchers (chemists, physicists, mathematicians and engineers), medical researchers (clinicians, biotechnologists, pharmacologists and geneticists), medical institutes, pharmaceutical and diagnostic companies and government organizations committed to sharing knowledge and working collaboratively to advance medical diagnostics and therapeutics. NANOMED CANADA's initial focus will be on cancer, cardiovascular disease and central nervous system disorders.

Canada has demonstrated research leadership in both the nano and applied side of this equation; however, the two groups rarely have the opportunity to cross paths and share

knowledge. While all network members see tremendous opportunity for collaboration, their busy schedules make it difficult to find time to move out of their day-to-day commitments to build new relationships in areas that they might not completely understand— where results can be important, but might take a long time to achieve.

With this in mind, NANOMED CANADA is using the power of the internet to create a virtual community, where information can be exchanged and accessed anywhere and anytime. Specific features will include on-going discussions through forum posts, weekly on-line presentations that will be archived for viewing at any time, a membership directory, a catalogue of relevant research facilities and appropriate contacts across Canada, private collaborative workrooms and social networking technologies aimed at facilitating valuable information exchange. NANOMED CANADA will host quarterly topically-focused meetings aimed at developing collaborative research projects around topics that will advance nanomedicine. Network members who cannot attend the face-to-face meetings will be able to access relevant presentations and summary papers through the virtual network.

Once this virtual community is in place and is noted for providing value to the community, it is anticipated that the network will grow and stimulate more and more collaboration among academic, government and industry members. NANOMED CANADA will have a public face with several open-participation events and presentations. These will be promoted to non-members, with the goal of attracting appropriate new members to the network. NANOMED CANADA will become known as a warehouse of information on Canada's nanomedicine industry. This will enable it to play a matchmaking role between companies and researchers, which will facilitate technology transfer. It is anticipated that companies would contact NANOMED CANADA for recommendations on obtaining certain types of expertise from universities, and university researchers would contact NANOMED CANADA to get a list of companies that would be interested in a particular technology that they have patented.

NANOMED CANADA members appreciate that implementing new technologies can have a profound effect on public health. A secondary benefit of the network will be its relevant expertise to help policy makers and regulatory agencies evaluate the scientific and ethical impact of new nanomedicine technologies.

Pacific Institute for the Mathematical Sciences (PIMS)

Director: R. Choksi BSc (Tor), MS, PhD (Brown), 778.782.6655 Tel, 778.782.6657 Fax, sfu@pims.math.ca, www.pims.math.ca, PIMS_Offices/Simon_Fraser_University/

The Pacific Institute for the Mathematical Sciences (PIMS) is dedicated to promoting all aspects of the mathematical sciences by stimulating, coordinating and facilitating the activities of mathematical and computational scientists. This is achieved by

- promoting research in mathematical sciences areas
- initiating and promoting mathematics education at all levels: K-12 and university
- initiating collaborations and strengthening ties between mathematical scientists in the academic community and those in the industrial, business and government sectors
- training of highly qualified personnel for academic and industrial employment

- developing new technologies to support research, communication and training in the mathematical sciences.

Associated with PIMS are projects of the Mathematics of Information Technology and Complex Systems NCE (MITACS).

Through the strength and vitality of its programs, PIMS and MITACS are able to serve the mathematical sciences community as a catalyst in many areas of significance: communication and dissemination of mathematical ideas through public outreach, mathematical education and training at all school levels; and creation of strong mathematical partnerships and links.

PIMS involves scientists in several faculties at Simon Fraser University including the Faculties of Science, Applied Sciences, and Education. The PIMS community includes specialists in mathematics, statistics, computer science, mathematical physics, biology, chemistry, economics, operations research, management, engineering, and other fields involving mathematical methods. In addition, PIMS involves teachers in the mathematical sciences at all levels.

PIMS-SFU is the Simon Fraser University representative of PIMS and shares the goals and ideals of PIMS generally while also meeting the specific needs of the PIMS/MITACS and mathematical sciences community at this University.

Tri-University Meson Facility (TRIUMF)

Director: N. S. Lockyer 604.222.1047 Tel, 604.222.1074 Fax, info@triumf.ca, www.triumf.ca

TRIUMF is a joint venture of the University of Alberta, the University of British Columbia, Carleton University, Simon Fraser University, the University of Toronto and the University of Victoria. L'Université de Montréal joined the joint venture on April 1, 2007. TRIUMF is funded under a contribution agreement through the National Research Council of Canada.

The TRIUMF facility is based on a 520MeV cyclotron capable of producing multiple proton beams simultaneously, each at a different energy level. TRIUMF has developed a world-class facility called ISAC, which produces beams of unstable rare isotopes. Scientific research at TRIUMF includes medium energy nuclear and particle physics, astrophysics, condensed matter studies and radiochemistry for the production of radiopharmaceuticals. Applied research includes the design of small cyclotrons, microchips, controls software and medical applications such as the use of proton beams and radioisotopes for cancer therapy.

Western Canadian Universities Marine Sciences Society (Bamfield)

Director: A. R. Palmer PhD, FRSC, 250.728.3301 x215 Tel, 250.728.3452 Fax, info@bms.bc.ca, www.bms.bc.ca

This society was founded in 1969 with the objective of operating a major research and teaching facility in coastal and marine sciences. The Bamfield Marine Sciences Centre offers year round research facilities that enable resident and visiting scientists and students (MSc and PhD) to develop a range of research programs. Courses that lead to academic credit for undergraduate and graduate degree programs at member universities are given at the station. The centre also runs a public education program from September through April.



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SIMON FRASER UNIVERSITY
Policies and Procedures

Date	Number
April 3, 2002	R 40.01
Revision Date	Revision No.

CENTRES AND INSTITUTES

1. Scope

1.1 This policy encompasses all centres, institutes, and similar organizations at Simon Fraser University which are not a part of established administrative units. In this policy the term "centre" refers to all such organizations.

1.2 Centres are non-departmental academic or administrative units which are established for special purposes, of an ongoing nature, related to the goals of the University.

1.3 The purposes of centres encompass, but are not limited to, the following: to facilitate collaborative research, especially multi-disciplinary research; to undertake specific types of teaching or training programs; to facilitate multi-university initiatives, such as centres of excellence; and to provide specific types of services to the community.

1.4 Every centre is subject to the authority of University policies.

1.5 Every centre is required to have a University Charter authorizing its operations.

2. University Charter

2.1 A Charter entitles a centre to identify itself as an agent of Simon Fraser University and to use the University's name and address in the conduct of its activities.

2.2 A Charter is granted at the discretion of the Board of Governors, upon recommendation from the President, and continues in force until revoked.

2.3 A Charter shall place the centre under the terms of a Schedule, as listed in the Attachment to this Policy.

3. Governance and Reporting

3.1 The Director of each centre reports to an Administrative Officer, who is in turn accountable to the University's Governing Committee for Centres.

3.2 Schedule A lists all University centres which are under the direct authority of a Dean. For all Schedule A centres, the Charter shall identify a Dean of Faculty who shall be the Administrative Officer responsible for the governance and budgetary accounts of the centre.

3.3 Schedule B lists (a) all centres that have a university-wide mandate and (b) all centres in which Simon Fraser University participates as a part of a multi-university consortium. The Vice President, Research shall be the Administrative Officer responsible for the University's participation in all Schedule B centres.

3.4 The University's Governing Committee for Centres is composed of the Vice President, Academic and the Vice President, Research.

3.5 Administrative Officers, acting in consultation with other university administrators as appropriate, shall review each centre's activities annually, including financial management and conformity with university policies, and shall report the results of that review to the centre's Director and to the Governing Committee

for Centres by August 31 of each year.

3.6 The Governing Committee for Centres shall deliver, by October 31 of each year, a summary report dealing with the activities of all centres during the preceding year, to the President, who shall take this report to the Board of Governors.

4. Establishment, Review and Discontinuation of Centres

4.1 In order to be eligible to apply for a University Charter, a centre must have a Constitution which specifies the following: (a) a statement of its special purpose; (b) a provision for the appointment of a Director; (c) identification of the applicable Schedule; (d) a statement that recognizes the centre's obligation to conduct its activities in accordance with University policies; and (e) a statement of its internal governing procedure. The application must be approved by the appropriate Administrative Officer.

4.2.3 An Administrative Officer who supports an application for a University Charter shall forward the application to the Governing Committee for Centres. An application which is approved by the Governing Committee shall be forwarded to the President, to Senate (through the Senate Committee on University Priorities) and the Board for approval.

4.4 The Governing Committee for Centres may recommend revocation of a centre's Charter to the President at any time. In such cases the centre's Director shall have an opportunity to appeal against this recommendation before a final determination is made by the President and the Board.

5. Rights and Obligations of Centres

5.1 Acting under the authority of its Director, and subject to Sect. 4.1(d), a centre shall have the right to:

- a. use the University's name, address, and symbols in connection with its activities;
- b. solicit external grants and contracts in the University's name;
- c. request the maintenance of university budgetary accounts and reports;
- d. utilize the assistance of Human Resources in hiring employees;
- e. direct the duties of its employees; and
- f. apply for university support to its Administrative Officer.

5.2 The Director of a centre shall have the obligation to:

- a. approve all contracts to be undertaken by or on behalf of the centre, and further obtain the approval of its Administrative Officer (and, for Schedule A centres, the appropriate Vice President) for any contract;
- b. submit a written report to its Administrative Officer on centre activities, including all contractual obligations entered into by or on behalf of the centre, once annually for the twelve months ending March 31 of each year, no later than June 30 of each year;
- c. submit an annual financial statement, showing revenues and expenditures, for the twelve months ending March 31 of each year, no later than June 30 of each year.

6. Membership

6.1 The Director of a centre must be a regular employee of the University.

Attachment I

The following centres and institutes have been granted a charter by the Board of Governors. For all Schedule A centres, the responsible administrative officer of the University is identified.

Schedule A

Dean, Faculty of Applied Sciences

Centre for Policy Research on Science and Technology
Centre for Tourism Policy and Research
Cooperative Resource Management Institute
Institute of Micromachine and Microfabrication Research
Logic and Functional Programming Group

Dean, Faculty of Arts

Centre d'etudes francophones Quebec-Pacifique
Centre for Coastal Studies
Centre for Global Political Economy
Centre for International Studies
Centre for Labour Studies
Centre for Public Policy Research
Centre for Research on Adaptive Behaviour in Economics
Centre for Restorative Justice
Centre for Scottish Studies
Centre for Sustainable Community Development
Criminology Research Centre
Feminist Institute for Studies on Law and Society
Gerontology Research Centre
Institute for Canadian Urban Research Studies
Institute for Critical Studies in Gender and Health
Institute of Governance Studies
Institute for the Humanities
Institute for Studies in Criminal Justice Policy
Mental Health, Law and Policy Institute

Dean, Faculty of Business Administration

CIBC Centre for Corporate Governance and Risk Management
CMA Centre for Strategic Change and Performance Measurement
W. J. VanDusen B.C. Business Studies Institute

Dean, Faculty of Education

Centre for Education, Law and Society
Institute for Research on Early Education and Child Health
Institute for Studies in Teacher Education

Dean, Faculty of Science

Behavioural Ecology Research Group
Centre for Experimental and Constructive Mathematics
Centre for Natural Hazards Research
Centre for Wildlife Ecology
Chemical Ecology Research Group

Schedule B

BC Synchrotron Institute (BCSI)
Behavioural and Cognitive Neuroscience Institute
Canadian Centre for Studies in Publishing
Centre for Scientific Computing
David Lam Centre for International Communication
Dialogue Institute
Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)
International Centre for Criminal Law Reform and Criminal Justice Policy
Pacific Institute for the Mathematical Sciences
Tri-University Meson Facility (TRIUMF)
Western Canadian Universities Marine Biological Society (Bamfield Marine Station)

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4D Labs

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