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FACILITIES SCANNING/SENATE ARCHIVE 001

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**MEMORANDUM**

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**ATTENTION** Senate  
**FROM** Jon Driver, Vice-President, Academic and  
Provost, and Chair, SCUP  
**RE:** Centres and Institutes Report 2008/2009 (SCUP 09-49)

**DATE** November 24, 2009

**PAGES** 1/1

*Handwritten signature and initials*

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At its October 21, 2009 meeting SCUP reviewed and approved the Centres and Institutes Report 2008/2009. SCUP draws Senate's attention to the two Centres that have failed to submit annual reports as required in Policy R. 40.01. The report is attached for the information of Senate.

encl.

OFFICE OF THE VICE-PRESIDENT, RESEARCH

B. Mario Pinto, Ph.D.

Vice-President, Research  
Professor of Chemistry

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**ATTENTION Senate Committee for University Priorities**

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**FROM B. Mario Pinto, Vice-President, Research**

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**RE Centre and Institute Report 2008/2009**

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**DATE September 21, 2009**

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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 fifteenth 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 2008/2009. It consists of two parts: a description of each Centre covered under the Policy, 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 2008/2009 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, Academic and the Vice-President, Research are 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 Centres/Institutes by the University.

The annual reports were prepared online for the second time, if you wish to see the

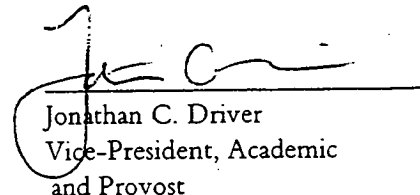
online version they can be viewed in the office of the Vice-President, Research.

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



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B. Mario Pinto  
Vice-President, Research



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Jonathan C. Driver  
Vice-President, Academic  
and Provost

To the Board for Information

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Michael Stevenson  
President and Vice-Chancellor

**R. 40.01 CENTRES AND INSTITUTES  
SCHEDULE A**

Schedule A	Date Established	BoG Approval	Adequate Report	University resources provided to Centre:				
				Space	Personnel	Equipment	Budget	
<b>Faculty of Applied Science</b>								
Centre for Policy Research on Science and Technology (CPROST)	12/16/88	1/19/89	Yes	Yes	No	No	No	
Centre for Policy Studies on Culture and Communities	10/15/07	10/15/07	Yes	Yes	No	No	Yes	
Centre for Tourism Policy and Research	1989	4/27/94	Yes	Yes	No	No	Yes	
Co-operative Resource Management Institute	12/16/97	11/26/98	Yes	Yes	No	No	No	
Institute of Micromachine and Microfabrication Research	10/20/92	1/26/93	Yes	Yes	No	Yes	No	
Logic and Functional Programming Group	5/23/91	9/24/91	Yes	Yes	No	Yes	No	
<b>Faculty of Arts and Social Sciences</b>								
Bill Reid Centre for Northwest Coast Art Studies	2006	5/18/06	Yes	No	No	No	No	
Centre d'etudes francophones Quebec-Pacifique	5/24/01	5/24/01	Yes	Yes	No	Yes	No	
Centre for Coastal Studies	6/14/01	6/14/01	Yes	No	Yes	Yes	No	
Centre for Forensic Research	7/19/07	7/19/07	Yes	Yes	Yes	No	No	
Centre for Global Political Economy	6/26/02	4/17/03	Yes	Yes	No	Yes	No	
Centre for International Studies	6/27/05	6/27/05	In the process of being dissolved.					
Centre for Labour Studies	2/96	5/23/96	Yes	Yes	Yes	Yes	Yes	
Centre for Public Policy Research	2003	11/21/02	Yes	No	Yes	No	No	
Centre for Research on Adaptive Behaviour in Economics (CRABE)	9/02	2/20/03	Yes	No	No	No	No	
Centre for Restorative Justice	3/22/01	3/22/01	Yes	Yes	No	Yes	No	
Centre for Scottish Studies	5/99	5/27/99	Yes	No	Yes	No	No	
Centre for Sustainable Community Development	11/4/88	1/19/89	Yes	Yes	Yes	Yes	Yes	
Centre for the Comparative Study of Muslim Societies and Cultures	9/21/06	9/21/06	Yes	Yes	No	No	Yes	
Centre for the Reduction of Violence Among Children and Youth	9/20/07	9/20/07	Yes	No	No	No	No	
Criminology Research Centre	1979	2/27/79	Yes	Yes	Yes	Yes	Yes	
David Lam Centre	4/1/89	4/27/94	Yes	Yes	No	Yes	No	
Feminist Institute for Studies on Law and Society	4/3/90	5/22/90	Yes	Yes	No	No	No	
Gerontology Research Centre	5/10/82	6/29/82	Yes	Yes	No	No	No	
Institute for Canadian Urban Research Studies	5/14/92	5/26/92	Yes	Yes	No	No	No	
Institute for Critical Studies in Gender and Health (ICSGH)	2/17/05	2/17/05	Yes	Yes	No	No	Yes	
Institute for Studies in Criminal Justice Policy	7/21/80	9/23/80	Yes	Yes	No	No	No	
Institute for the Humanities	6/8/83	9/27/83	Yes	Yes	Yes	No	No	
Institute of Governance Studies	12/5/94	6/22/95	Yes	Yes	No	Yes	No	
Mental Health, Law and Policy Institute	5/2/91	6/25/91	Yes	Yes	No	Yes	Yes	
<b>Faculty of Business Administration</b>								
CIBC Centre for Corporate Governance and Risk Management	2/16/06	2/16/06	Yes	Yes	Yes	Yes	Yes	
CMA Centre for Strategic Change and Performance Measurement	9/22/05	9/22/05	Yes	Yes	No	No	Yes	
Centre for Global Workforce Strategy	5/22/09	5/22/09	Established in reporting period, no report required.					
Centre for Studies in Global Asset and Wealth Management	2007	1/25/07	Yes	No	No	No	No	
W.J. VanDusen BC Business Studies Institute	11/16/81	1/23/82	Yes	No	No	No	No	
<b>Faculty of Education</b>								
Centre for Education, Law and Society	1984	7/14/94	Yes	Yes	Yes	Yes	Yes	
Centre for the Study of Educational Leadership and Policy	11/15/07	11/15/07	Yes	Yes	No	Yes	No	
David Wheeler Institute for Research in Mathematics Education	4/19/07	7/19/07	Yes	No	No	No	No	
Institute for Research on Early Education and Child Health (REACH)	5/19/05	5/19/05	Yes	No	No	No	No	
Institute for Studies in Teacher Education	1983	7/17/94	Yes	No	No	No	No	
International Centre of Art for Social Change	11/15/07	11/15/07	Yes	No	No	No	No	
<b>Faculty of Health Sciences</b>								
Centre for Applied Research in Mental Health and Addiction	11/15/07	11/15/07	Report Not Submitted					
Children's Health Policy Centre	3/22/07	3/22/07	Yes	Yes	No	No	No	
<b>Faculty of Science</b>								
Centre for Experimental and Constructive Mathematics	6/25/90	5/26/92	Yes	Yes	Yes	Yes	Yes	
Centre for Natural Hazards Research	5/19/05	5/19/05	Yes	Yes	No	Yes	No	
Centre for Wildlife Ecology	11/21/02	11/21/02	Yes	Yes	No	No	No	
Chemical Ecology Research Group (CERG)	1981	3/24/81	Report Not Submitted					
Evolutionary and Behavioural Ecology Research Group	1/9/89	2/28/89	Yes	No	No	No	No	



# UNIVERSITY RESOURCES

Schedule A	Type	Description
<b>Faculty of Applied Science</b>		
Centre for Policy Research on Science and Technology (CPROST)	Space	Offices at Harbour Centre, third floor. Approx 2000 square feet. Seven offices, storage rooms, conference room, and common space/cubicles.
Centre for Policy Studies on Culture and Communities	Space	Harbour Centre office #3551
	Funds	From: CMNS-CECC overhead recovery: \$20,000 From: CMNS for overhead share from Rural Communities Project: \$ 862.83
Centre for Tourism Policy and Research	Space	The University provides the Centre with lab and meeting space for approximately 12 graduate students enrolled in the School of Resource and Environmental Management.
	Funds	The Centre's operating budget of approximately \$8,500 is embedded within operating budget of the School of Resource and Environmental Management.
Co-operative Resource Management Institute	Space	77.5 m2 in TASC 1 and two offices (6.7 m2) in TASC 2.
Institute of Micromachine and Microfabrication Research	Space	There is no separate space provided for the institute. All research activity that require microfabrication or micromachining is done utilizing the clean-room at the school of Engineering Science. Individual members utilize their own research area for their respective research and development.
	Equipment	Engineering Science Microfabrication and Micromachining Facility
Logic and Functional Programming Group	Space	Lab
	Equipment	Mac and PC computers, printer
<b>Faculty of Arts and Social Sciences</b>		
Centre d'études francophones Québec-Pacifique	Space	WMX 2601 (shared with T.A.s)
	Equipment	One computer and one scanner.
Centre for Coastal Studies	Personnel	.5 Program Assistant vacant (revenue funded and paid by through Continuing Studies) .5 Coordinator salary (revenue funded and paid by through Continuing Studies)
	Equipment	All equipment purchased and covered by Continuing Studies in Science
Centre for Forensic Research	Space	515 sq. M of laboratory and office space in Saywell Hall, North wing, 9000 level.
	Personnel	1/8 time of a lab manager until March 09.
Centre for Global Political Economy	Space	shared office AQ 6082
	Equipment	1 computer
Centre for Labour Studies	Space	Office (AQ 6011)
	Personnel	One course release, to Mark Leier, as Director; stipend to director, \$5,000 per annum.
	Equipment	Telephone
	Funds	Faculty of Arts and Social Sciences: \$2805.00 SSHRC Cluster Researc: \$8,000
Centre for Public Policy Research	Personnel	Director's, Public Policy Faculty, and Public Policy Program Manager's time in organizing workshops and seminars. Director's time in assisting ACT and interaction with UBC, U Vic, UNBC on PICS.
Centre for Restorative Justice	Space	Small office/resource space which hold Restorative Justice resources and is an office for many visiting international scholars in the area of Restorative Justice (average 2 per year). Office is also used by the Centre's workstudy student, and to host off-campus visitors.
	Equipment	Books, DVDs, videos, one computer, 2 desks, 2 chairs, 4 bookshelves, two filing cabinets
Centre for Scottish Studies	Personnel	Secretarial help for budget from Dept. of Humanities (approx. 30 hours)
Centre for Sustainable Community Development	Space	West Mall Complex, 2nd floor, west end: a suite of 7 offices, 2 meeting rooms, and 4 small rooms for equipment, storage, etc. Harbour Centre: room 3355.
	Personnel	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; five (normally) sessional teaching stipends; five supervisor and tutor-marker stipends for distance education courses from Continuing Studies. The Centre also has 3 Adjunct Faculty (Geller, Miewald, and Stern), 19 Associates, and several PhD and MA student researchers.
	Equipment	9 computers (6 leased and 3 owned), 1 laser printer, 1 fax machine and 1 leased photocopier
	Funds	\$6,455 operating base budget
Centre for the Comparative Study of Muslim Societies and Cultures	Space	AQ 6225
	Funds	Amount: \$15,000 Source: Dean of Arts and Social Sciences

# UNIVERSITY RESOURCES

Criminology Research Centre	Space	Office space, equipment, and research library is provided by the School. In the past, the CRC has provided office space to the Centre for Restorative Justice, visiting research fellows, visiting scholars, and occasional practicum students. With the move to Saywell Hall in 2007, the configuration of the CRC space has changed. The Centre for Restorative Justice has its own space and currently, the Criminology Research Centre provides supplementary space for meetings, tutorials and thesis defences.
	Personnel	The Centre funds the salary of one full time administrator.
	Equipment	A leased computer, printer, office furniture, telephone, fax, and photocopying is provided by the School. The Centre funds its own computer accessories and programs, office supplies, and library documents.
	Funds	The Dean of Arts generously provides its share of overhead from grants and contracts to the CRC. During the 2008/09 fiscal year, this amounted to \$33,583. The major source of funding was the BC Government.
David Lam Centre	Space	April - August, 2008: Rooms 2604 and 7060 at HC September, 2008 - : Room 2107 at HC
	Equipment	Desks and chairs. All other equipment - computers, printers, copy machines, fax machines, telephones, etc., - all paid for by Lam Centre endowment or grant income.
Feminist Institute for Studies on Law and Society	Space	An office has been allocated to us in the Spring of 2009.
Gerontology Research Centre	Space	Six offices and a common area for the GRC library collection at Harbour Centre
Institute for Canadian Urban Research Studies	Space	ICURS research laboratory - approx space 600 sq ft
Institute for Critical Studies in Gender and Health (ICSGH)	Space	Rooms 3215, 3220, 3230, 3262 at Harbour Centre Campus
	Funds	FASS: \$5000
Institute for Studies in Criminal Justice Policy	Space	Office space within the School of Criminology: ASSC1 10226. Telephone was removed in early 2009 due to cost.
Institute for the Humanities	Space	Room 2444 Harbour Centre Office space
	Personnel	Salary for one full-time continuing Program Assistant through the Dean of Arts and Social Sciences office (approx. \$48,000 per year) until April 2009. Current: salary for one half-time Manager for the Institute for the Humanities, through the Dean of Arts and Social Sciences.
Institute of Governance Studies	Space	AQ 6026
	Equipment	Computer/printer/telephone
Mental Health, Law and Policy Institute	Space	Office space is provided in RCB 7206
	Equipment	Five personal computers for use by graduate students, MHLPI members, and visiting scholars and students.
	Funds	Administrative stipend to the Director (\$16,608 annually). No additional funds (except for grants and contracts granted to the Centre).
<b>Faculty of Business Administration</b>		
CIBC Centre for Corporate Governance and Risk Management	Space	Shared office space in Segal Building
	Personnel	Michael Parent, Director Robert Adamson, Executive Director (part-time) Lisa Papania, Research Associate
	Equipment	1 desktop computer
	Funds	As per donor contracts with CIBC, CICA and BC-ICA
CMA Centre for Strategic Change and Performance Measurement	Space	The CMA Centre is located in the Segal Graduate School of Business. It occupies one office (Room 3935) for the Director and one adjacent space with a desk for visitors.
	Funds	The Centre operates on a \$100,000 annual budget provided by the donor for the Centre, CMA Canada.
<b>Faculty of Education</b>		
Centre for Education, Law and Society	Space	In January 2008, we relocated from Harbour Centre to an office on the 15th floor of SFU Surrey, adjacent to other Centres in the Faculty of Education. This space provides room for our Coordinator, our Administrator, 1-2 Research Assistants, and our files and resources. This location also allows us to work more closely with our Faculty and with the school districts south of the Fraser. We are very happy with this move, and are pleased with the office space. The Faculty does not provide funds to CELS for operating expenses, although in a previous year, funds were received from the Dean's office for our research on cyber-kindness.
	Personnel	The University does not provide staff to CELS. The CELS Coordinator and part-time Administrator, as well as the Research Assistants, are funded through the CELS Endowment and project-specific grants. We do, however, benefit from time to time from the expertise of the CET, Financial Services and other personnel in the FOE and University.



# UNIVERSITY RESOURCES

	Equipment	The University provides two computers for use by the Research Assistants/Administrator. The office furniture is also provided by the University, and we have access to the fax and photocopier machine.
	Funds	The work of CELS primarily is funded through the CELS endowment, plus project-specific grants.  This past fiscal year, the CELS Endowment principal of \$1,411,589 (April 1/08) contributed \$70,579 of working funds to CELS. These working funds support a part-time Coordinator, a one-day per week Administrator, Research Assistants, and program development work. The Director is also provided with two course releases to allow her to manage the work of CELS and to develop new initiatives.  We also received a large grant (\$337,718) from the Law Foundation, which extends from January 2008 to December 2011. This aim of this grant is to improve the legal literacy of youth in grades 6 through 10, and includes research, curriculum development, professional development for teachers, and web-based classroom resources.
Centre for the Study of Educational Leadership and Policy	Space	Office space for the director and associate director (faculty office space)
	Equipment	Two computers (shared faculty equipment)
<b>Faculty of Health Sciences</b>		
Children's Health Policy Centre	Space	The Faculty of Health Sciences provides Harbour Centre office space for Centre members and Blusson Hall office space for the Director and Associate Director.
<b>Faculty of Science</b>		
Centre for Experimental and Constructive Mathematics	Space	The centre is located in room P 8495 in the Shrum Science building.
	Personnel	The centre shared (50/50) one computer systems administrator (Glenn Davies) with IRMACS until 31/12/08. Since 1/1/09, John Hebron from the NSG looked after our computer systems. He worked two afternoons per week in the CECM.
	Equipment	Two Intel Quad-Core desktop computers were purchased by M Monagan for the CECM lab. One has a large disk which was needed for one research project and a second has a Core i7 processor needed for a second research project (for parallel algorithm development). Total price under \$4,000.
	Funds	The centre receives no base funding from the university. In the year we received no money from any source. In 2007-2008 we received an \$8,000 donation from Maplesoft and \$5000 from the Dean (from a Maplesoft contract overhead). In 2009-2010 we expect to receive a similar amount.
Centre for Natural Hazards Research	Space	Director's office - TASC1 7417 Laboratory - TASC1 7408 Laboratories of CNHR members in Departments of Earth Sciences and Geography
	Equipment	Sedimentological and geotechnical laboratory equipment
Centre for Wildlife Ecology	Space	Approx. 3700 sq. ft. offices and laboratories
<b>Schedule B</b>		
<b>Vice President, Academic</b>		
Centre for Dialogue	Space	Harbour Centre Room 3050 classroom provided to Undergraduate Semester in Dialogue
	Funds	\$147,645 VPA (to fund Undergraduate Semester in Dialogue) \$198,000 Lohn Foundation (to fund Undergraduate Semester in Dialogue) \$77,200 Harbour Centre Administration (to fund Centre for Dialogue, Office of the Academic Director, mainly a Coordinator position)
Institute for the Study of Teaching and Learning in the Disciplines	Funds	\$68,000 from VPA
<b>Associate Vice President, Research</b>		
4D LABS	Space	CFI Funded Space Description.....Net area (excluding common) Clean Room.....382.1 m2 Wet Labs.....694.9 m2 Total 4D LABS.....1,077 m2 Area with common elements: 613.89 m2
	Personnel	Senior Clean Room Engineer, Driscoll Clean Room Process Engineer, Cherng Process Engineer, Kubik Clean Room Technician, Balicki Clean Room Technician, Li Clean Room Technician, Sieb Technician, McCague Technician, Macnab Assistant to the Directors, Wong

# UNIVERSITY RESOURCES

	Equipment Funds	Equipment for all labs in TASC 2 VPR Office - \$40,000
Behavioural and Cognitive Neuroscience Institute	Space	A BC LEEF Chair related CFI application was submitted in June 2009 to locate the BCNI in a designated lab space at SFU as an interface, facilitator and translator between multidisciplinary brain imaging resources development on one hand and the translation into cognitive neuroscience brain imaging research and applications among disciplines and
Centre for Disability Independence Research and Education	Space	Shared office space with the ENSC Rehab Lab in TASC2 Room 7440.
	Personnel Equipment Funds	Andrew Der, Coordinator, CDIRE (part-time, since May 2009) Shared use of a desktop computer and printer located in office. Operating funds, KIN Director, 2008, \$1500. Conference funds, VP Academic, \$750. Operating funds, FAS Dean, \$1500. Visioning Workshop grant, DHRN, 2007-8, \$6700. Video Project grant, DHRN, 2008-9, \$5000.
Centre for Education Research and Policy	Space	Our Centre used offices in the West Mall Complex as follows: one visitor office, one staff administrator office, and two secure offices to house researchers working with confidential data. We also occupy a common meeting space in the West Mall Complex, which we use for research meetings.
	Funds	Funding received from SFU's Community Trust Endowment Fund: \$236,740.86
Centre for Imaginative Education	Space	We have a room in the Faculty of Education area: EDB 8548.
Centre for Scientific Computing	Space	Since 2004 the CSC's open multi-disciplinary research facility - The Scientific Computing and Imaging Research Facility (SCIRF) has been in operation. This facility, funded through the successful CFI application on fuel cell applications, is run by CSC Board of Advisors members, Drs. T. Moeller and J. Stockie.  The CSC Lab located in PIMS/MITACS space utilizes computer equipment purchased through NSERC funding obtained by CSC members (the numerical analysts in Mathematics and computer graphics and visualization experts in CS). It is an active lab, frequented primarily by graduate students and postdoctoral fellows. In addition to the two Labs, two offices are provided through PIMS/MITACS.
Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)	Space	The IRMACS Centre
	Personnel	Dr. Peter Borwein - Executive Director - Burnaby Mtn. Chair - seconded from the Math Dept. Dr. Veselin Jungic - Research Director - seconded from the Math Dept. - .5FTE Mr. Glenn Davies - Senior Systems Administrator - .5FTE
	Funds	VPR office - \$40,000, VPA office - \$30,000, Dean of Science office - \$30,000
International Cybercrime Research Centre (ICRC)	Space	Office space and equipment is provided by the School at our Surrey campus. Three staff offices are allocated for the use of the ICRC in the Galleria section of the campus.
	Personnel	Part time support for the salary of an office administrator is paid by the ICRC. In addition, a research assistant is also employed. Polcyb fully funds the wages of an Executive Director. They also contribute an amount to the office administrator's salary.
	Equipment	Office furniture and a photocopier is provided by the School. The Centre funds its own computer, printer, and programs and accessories; office supplies; and pays for the telephone and fax services as well as the actual cost of photocopying.
	Funds	A faculty position will be funded by the School beginning in September 2009.
Pacific Institute for the Mathematical Sciences (PIMS)	Space	Administrative office space is shared with MITACS in the TASC-2 building. One office is designated for the site administrator and one office is for the site director. In addition, PIMS has a computer lab located in the TASC-2 building (8000 level) housing approx. 30 graduate students and post doctoral fellows from the Math, Statistics, and Computing Science departments. PIMS administers a seminar room located in the TASC-2 building (Rm 8500) for graduate seminars and workshops.
	Funds	VPR Office - \$20,000, President's Office - \$20,000, Dean of Science Office - \$20,000, Dean of Applied Science Office - \$20,000 (Funds are sent to PIMS central for the payment of SFU's membership fee.)
Western Canadian Universities Marine Sciences Society (Bamfield)	Personnel	Three instructors from the Dept. of Biological Sciences (Dr. John Reynolds, Dr. Isabelle Côté, Dr. Mike Hart) occasionally teach at BMSC as part of their SFU teaching obligations.
	Funds	SFU is one of the five member universities, each of which contributes approx. \$250,000 per year to BMSC operations.

# Centres and Institutes Report

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## Faculty of Applied Science

### Centre for Policy Research on Science and Technology (CPROST)

Director: R. Smith BA (Car), MA, PhD (S Fraser), 778.782.5116 Tel, 778.782.5239 Fax; smith@sfu.ca, <http://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 Policy Studies on Culture and Communities

Co-Director: A.C.M. Beale Assoc Dean FCAT, BA, MA, PhD (McG), 778.782.8838 Tel, 778.782.5239 Fax; Co-Director: C.A. Murray BA, MA (Wat), PhD (Qu), 778.782.5322 Tel, 778.782.5239 Fax; murraye@sfu.ca, <http://www.cultureandcommunities.ca/>

The Centre for Policy Studies on Culture and Communities promotes teaching, research, and public outreach on cultural politics, policy and planning in communities from the local to the global. Our concern is with how these support the cultural practices and ways of life in communities that contribute to sustainability and to an inclusive society. The Centre promotes studies of policy not restricted to governments or public administration, but addressing the interaction of networks of voluntary, not for profit, neighbourhood and virtual- community citizen-based initiatives as well as all levels of government, private foundations, and knowledge creators and disseminators. In 2007-8 the Centre's major research project is the "Centre of Expertise on Culture and Communities" a project funded by Infrastructure Canada. Project website is <http://www.cultureandcommunities.ca/>

### Centre for Tourism Policy and Research

Director: P. Williams BA (Ott), MA (Wat), PhD (Utah State), 778.782.3103 Tel, 778.782.4968 Fax; peter\_williams@sfu.ca, <http://www.sfu.ca/~dossa>

The Centre for Tourism Policy and Research 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), 778.782.4659 Tel, 778.782.4968 Fax; enphilli@sfu.ca, <http://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: A. M. Parameswaran BE (Madr), MSc, PhD (Alta), 778.782.4971 Tel, 778.782.4951 Fax; param@sfu.ca, <http://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 'Et App (Aix-Marseilles II), 778.782.3372 Tel, 778.782.3045 Fax; lfp@cs.sfu.ca, <http://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.

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## **Faculty of Arts and Social Sciences**

### **Bill Reid Centre for Northwest Coast Art Studies**

Director: G. F. MacDonald BA (Tor), PhD (Yale, LLD (Calg), QC, 604.682.3455 Tel, 604.682.3310 Fax; gmacdonald@telus.net

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: Christian Guilbault B.A., M.A. (Laval), Ph.D. (UofA) , 778.782.6783 Tel, 778.782.5932 Fax; guilbault@sfu.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, linguistics, 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 Coastal Studies**

Director: P. Gallagher BSc, BEd (Br Col), PhD (S Fraser), 778.782.4653 Tel, 778.782.3851 Fax; patricia\_gallagher@sfu.ca, <http://www.sfu.ca/cstudies/science/coastal.htm>

The Centre promotes interdisciplinary research, education and dialogue on coastal ecosystems, particularly in British Columbia and Canada. By linking social and natural sciences with local knowledge, the Centre focuses on key themes: coastal and marine resource conservation, diversification of coastal economies, linking knowledge with policy and decision makers, and building capacity for resource management. Activities include collaborative research involving universities, industry, communities, First Nations, NGOs and governments; public education; programs and projects that enhance capacity building and information sharing. The work of the Centre provides opportunities for interdisciplinary networking and community outreach.

### **Centre for Forensic Research**

Co-Director: M.F. Skinner BA (Alta), PhD (Camb), 778.782.4171 Tel, 778.782.4140 Fax; Co-Director: G.S. Anderson BSc.(Hon), M.P.M., PhD (S Fraser), 778.782.3589 Tel, 778.782.5666 Fax; mskinner@sfu.ca, <http://www.sfu.ca/vpresearch/centres+institutes/forensic.html>

The Centre for Forensic Research is designed to create new knowledge in the forensic sciences for the purposes of solving crimes, identifying human remains, determining elapsed time since death and circumstances of death on local and global scales. Our core researchers specialize in entomology, bone chemistry, anthropology, DNA and botany. The Centre is designed to attract researchers and students internationally who seek a facility with well-equipped, secure laboratories and experienced colleagues to create new research initiatives arising from the challenge of cold cases, recent deaths and large scale mass disasters. The Centre serves the research and day-to-day needs of law enforcement and death investigation agencies nationally and provincially. The services and product of the Centre for Forensic Research are available to all parties who seek an independent forensic scientific opinion.

### **Centre for Global Political Economy**

Director: S. McBride BSc (Lond), MA, PhD (McM), 778.782.4375 Tel, 778.782.4786 Fax; cgpe@sfu.ca, <http://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 Labour Studies**

Director: M. Leier BA, MA ( Fraser), PhD (Nfld), 778.782.5827 Tel, 778.782.5837 Fax; tessaw@sfu.ca, <http://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. Olewiler BA (Col), MA (S Fraser), PhD (Br Col), 778.782.5289 Tel, 778.782.5288 Fax; mpp@sfu.ca, <http://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, <http://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-Director: E. Elliott BPE (Ott), MSW (Car), PhD (S Fraser), 778.782.4730 Tel, 778.782.4730 Fax; Co-Director: B. Morrison BA, PhD (ANU), 778.782.7627 Tel, 778.782.4140 Fax; cfrj@sfu.ca, <http://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: L. Davis BA (Sask), MA, PhD (Calif), 778.783.4833 Tel, 778.783.5737 Fax; leith@sfu.ca, <http://www.sfu.ca/scottish>

The centre is active in promoting 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. Roseland BA MA (Wesleyan, Conn), PhD (Br Col), 778.782.4161 Tel, 778.782.5473 Fax; scdadmin@sfu.ca, <http://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.

**Centre for the Comparative Study of Muslim Societies and Cultures**

Director: D. MacLean BA (NY State), MA, PhD (McG), 778.782.4437 Tel, 778.782.5837 Fax; ccsmsc@sfu.ca <http://www.sfu.ca/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 ideascap 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 the Reduction of Violence Among Children and Youth**

Director: to-be-announced

The Centre was approved by the Board of Governors on September 20, 2007, some of the Centre's main objectives are to: Inform public policy regarding pathways to violent behavior and provide public policy recommendations or the effective allocation of limited resources; Establish training of professionals in effective and evidence-based interventions for youth and families in collaboration with key stakeholders including schools, law enforcement, community groups, provincial and federal government ministries and other organizations; Integrate basic scientific research on risk and protective factors for violence from across Canada and abroad; Attract other researches and funding to this important issue; Develop greater research capacity at SFU and increase its dissemination through publications of scientific research papers and monographs Demonstrate the social and economic benefits of these strategies. Strengthen the knowledge economy by hosting international conferences on youth violence.

**Criminology Research Centre**

Director: W. Glackman BA (Calif), MA, PhD (S Fraser), 778.782.4127 Tel, 778.782.4140 Fax; crc@sfu.ca, <http://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 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.

**David Lam Centre**

Director: P. Crowe BA (Calg), MA (Calg), MA (Br Col), PhD (Br Col), 778.782.5111 Tel, 778.782.5112 Fax; [diam-info@sfu.ca](mailto:diam-info@sfu.ca), <http://www.cic.sfu.ca/>

This interdisciplinary centre, which began operation in 1989, integrates university, government, professional and business resources for research, education, training and 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, research in support of 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.

### **Feminist Institute for Studies on Law and Society**

Co-Director: D. Chunn BA (Br Col), MA, PhD (Tor), 778.782.4761 Tel, 778.782.5799 Fax; Co-Director: W. Chan BA (Car), MA (Sheff), PhD (Camb), 778.782.4469 Tel, 778.782.5799 Fax; [fisis@sfu.ca](mailto:fisis@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 (Keele), PhD (Lond), 778.782.5375 Tel, 778.782.5066 Fax; [andrew\\_sixsmith@sfu.ca](mailto:andrew_sixsmith@sfu.ca), <http://www.sfu.ca/grc>

Established in 1982, the Gerontology Research Centre (GRC) 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 GRC houses a specialized collection of research materials that is maintained by a full-time information specialist, Raymond G. Adams (see report under 'Other'). The GRC has an active publications program, including "GRC News" and "Seniors Housing Update (see list under 'Continuing') and organizes regular workshops and conferences (see list under 'Community'). The GRC is the base for the Secretariat for the BC Network for Aging Research (BCNAR); and will be host for the International Society for Gerontechnology's 7th World Conference (ISG2010) to be held in Vancouver, May 27-30, 2010. Centre research activities focus on applied gerontology in a number of key areas:

1. Aging and the Built Environment - Research on planning, design, development and evaluation of housing, care facilities, community environments and enabling technology.;
2. Changing Demography and Lifestyles - Examination of impact of changes in the timing of life events and in retirement, pension and income support policy and programs;
3. Culture and Aging - Research and development of programs to promote health, well-being and a sense of community among ethnic groups;
4. Health Promotion/Population Health and Aging - Examination of determinants and consequences of population health, develop and evaluate programs that assist seniors to improve their mental and physical health, cope with chronic illness, and prevent disability;
5. Prevention of Victimization and Exploitation of Older Persons - Research and development of programs to prevent financial, psychological, physical and sexual abuse of older people, and facilitate access to rights and services; and
6. Technology and Aging - Research, development and evaluation of technologies to support independent living and enhance quality of life.

The associated Department of Gerontology offers a Minor, Diploma, Masters, and Ph.D. with concentrations in 'environment and aging' or 'health and aging.' BCNAR is a unique framework for bringing together researchers from different disciplines, research streams, academic institutions, community based organizations and health regions. BCNAR has four dynamic themes that address the current needs and challenges of aging research in the province:

1. Embracing Frontiers: support innovative discovery that leads to improved quality of life for older adults;
2. Bridging: build and strengthen collaboration and idea generation between organizations that share a mutual interest in aging research;
3. Knowledge Exchange: foster knowledge translation and dissemination in the service of research capacity building and utilization; and
4. Mentoring: facilitate the development of researchers from multiple backgrounds to build provincial capacity in aging research.



Within each of these themes, the Network focuses on six research areas: (1) Facilitating Daily Living; (2) Prevention; (3) Seniors' Mental Health; (4) Health Service Utilization; (5) Balancing Risk; and (6) Understanding Resilience. ISG2010 will be the major international conference for researchers in the field of technology and aging, who will share their knowledge and experience through lectures, symposia, workshops, papers and posters. Topics to be addressed will include rehabilitation engineering, robotics, telemonitoring, telecare, ICT, biomechanics and ergonomics, assistive technology, inclusive design and usability, smart homes and smart fabrics, sensor technology, and cognitive aging and computer games. In addition to a strong scientific program the Conference will feature an exhibition and trade show, an exciting social program, and pre- and post-conference special interest events.

#### **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-Director: O. Hankivsky BA (Tor), MA, PhD (W.Ont) , 778.782.5182 Tel, 778.782.5288 Fax;  
Co-Director: M.H. Morrow BA (Br Col), MA, PhD (Tor), 778.782.6906 Tel, 778.782.5288 Fax;  
oah@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, which seeks to integrate social and natural science research with population outcomes, societal application, and policy analysis. The ICSGH also plays 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 identifies a key area of research that is supported through seminars devoted to directed readings, public lectures, and an annual conference. Annual conferences 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 provide opportunities for discussion and debate, the development of intellectual networks and collaborative partnerships, and the chance to produce new and original research.

#### **Institute for Studies in Criminal Justice Policy**

Director: D. MacAlister BA, MA (S Fraser), LLB (Br Col), LLM (Qu), 778.782.3019 Tel, 778.782.4140 Fax; dmacalis@sfu.ca, <http://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.

#### **Institute for the Humanities**

Director: A. M. Feenberg-Dibon Licence d'Anglais, Diplome d'Etudes Superieures (Sorbonne), PhD (California), 778.782.3763 Tel, 778.782.5788 Fax; graham@sfu.ca, <http://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 of Governance Studies**

Director: P. J. Smith BA, MA (McM), PhD (Lond), 778.782.3088 Tel, 778.782.4293 Fax; igs@sfu.ca, <http://www.sfu.ca/igs>

The Institute of Governance Studies is intended to further research on governance issues. Specifically its objectives include: 1. To provide a focus for research 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. 2. To promote collaboration and research on issues of governance among scholars in a variety of disciplines located at Simon Fraser University. 3. To promote an institutional focus for international scholarship concerning issues of governance. 4. To provide a forum within the Vancouver metropolis, British Columbia and Canada for the presentation and dissemination of research and ideas on issues of governance. 5. 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. 6. To provide a facility in which research and techniques can be made available for exchange with those having responsibility for contemporary governance. The current description is accurate

#### **Mental Health, Law and Policy Institute**

Director: Ronald Roesch BS (Arizona State), PhD (Ill), 778.782.3370 Tel, 778.782.3427 Fax; roesch@sfu.ca, <http://www.sfu.ca/~mhlpi/>

This Mental Health, Law, and Policy Institute (MHLPI) 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 MHLPI 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 MHLPI also publishes forensic psychology books, including manuals for assessing risk for violence and recidivism and assessing mental health problems in pretrial jails.

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## **Faculty of Business**

### **CIBC Centre for Corporate Governance and Risk Management**

Director: M. Parent MBA, PhD (Qu), 778.782.5214 Tel, 778.782.5153 Fax; mparent@sfu.ca, <http://www.sfubusiness.ca/cibc-centre>

The Centre's mandate is to provide innovative, interdisciplinary and collaborative research on current topics and issues in corporate governance and risk management. More specifically, the Centre's mandate focuses on the nature and effects of good corporate governance as well as the relationship between corporate governance and strategic, financial, technical, ethical and social risk. The Centre facilitates and disseminates research through its own research program including the research of its Director, Executive Director, Fellows and Research Associates. The Centre also has a mandate to engage relevant stakeholders through seminars, public dialogues, conferences, visiting scholars and the Centre's website. The Centre has an international rather than only national focus. In executing on this mandate, the Centre fosters national and international collaboration among various scholars and practitioners in the area of corporate governance stakeholders including other academic centres dealing with corporate governance and risk management issues.

### **CMA Centre for Strategic Change and Performance Measurement**

Director: T. Lawrence BComm, PhD (Alta), 778.782.5154 Tel, 778.782.5153 Fax; tom\_lawrence@sfu.ca, <http://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.

### **Centre for Global Workforce Strategy**

Director: D. C. Thomas BSc (Appalachian State), MBA (N Carolina), PhD (S Carolina), 778.782.6796 Tel, 778.782.5122 Fax; jkimq@sfu.ca

The Centre for Global Workforce Strategy will carry out multidisciplinary research on issues surrounding effective work force management strategies. It will initially consolidate the activities of three ongoing multinational research projects. The first project, The Cultural Intelligence Project, involves participants from 12 countries in defining, developing, and validating an instrument to measure Cultural Intelligence – the measure of an individual's ability to interact effectively with the cultural aspects of an environment. It is a key competency requirement for the management of cultural diversity. The second project is Canadian participation in Cranet (the Cranfield Network on Comparative Human Resource Management). Established in 1989, Cranet is an expanding group of top business schools and academic institutions collaborating to provide unique and rigorous data on human resource management practices across the world. Researchers carry out a regular international survey of organizational policies and practices and provide benchmarks for a systematic comparative analysis of trends in HRM policies and practices. Cranet is a unique resource for researchers, management practitioners, and policy makers, seeking an up-to-date overview of HR management's ever-changing global face. The third project involves the study of bicultural individuals in organizations. Given the changing patterns in the world's workforce it is increasingly possible that more employees and managers will be bicultural. Bicultural individuals have a dual pattern of identification with different cultures. The ability of biculturals to operate within more than one culture as a native raises a number of interesting and important questions for global workforce management.

As the Centre develops additional themes within the overall mandate of the Centre will be added. Other Centre activities will include:

- Practitioner forums, media outreach, and academic conferences
- Publication in traditional scholarly venues
- Preparation and distribution of educational material for use by universities and professional associations
- Outreach and networking activities, such as the hosting conferences or public forums on topical subjects, and workshops to promote the activities and findings of the Centre to both academic and business audiences
- Regular offerings of professional development programs

#### **Centre for Studies in Global Asset and Wealth Management**

Director: P. Klein BSc, LLB, MBA (WOnt), PhD (Tor), 778.782.5605 Tel, 778.782.4920 Fax; gawm@sfu.ca, <http://www.sfu.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.

#### **W.J. VanDusen BC Business Studies Institute**

Director: Dr. Daniel Shapiro BA (Calg), MA, PhD (Cornell), 778.782.4183 Tel, 778.782.5833 Fax; dshapiro@sfu.ca, <http://www.sfu.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.

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## Faculty of Education

### Centre for Education, Law and Society

Director: Wanda Cassidy BA, MEd (S Fraser), PhD (Chic), 778.782.4484 Tel, 778.782.4203 Fax; cassidy@sfu.ca, <http://www.cels.sfu.ca/>

The Centre 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 research, teaching, curriculum development, and community initiatives. Law-related education encompasses: an understanding of law, its role in society and impact on the individual; the relationship between law and governance/ citizenship/democracy; 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 include: research into cyber-bullying / cyber-kindness; support for a school for high risk youth; investigating the ethics of care and justice in school settings; investigating youths' legal literacy; assessing students' and teachers' understanding of human rights, citizenship, identity and sustainability. Projects vary from year to year, depending on the needs of the educational community, the Centre's priorities, and the ability to obtain external funding. Three Undergraduate courses and one Graduate course in Law Education have been developed and are offered on a regular basis through the Faculty of Education. The three Undergraduate courses also are available through Distance Education. The Centre attracts a number of graduate students interested in human rights, social justice, citizenship education, the ethics of care, and school culture.

### Centre for the Study of Educational Leadership and Policy

Director: D. Laitsch BA (VPI&SU), MEd (Virginia), PhD (American DC), 778.782.7589 Tel, 778.782.8119 Fax; daniel\_laitsch@sfu.ca, <http://www.cselp.ca/>

CSELP focuses on research that supports the advancement and improvement of K-12 and Post-Secondary education in the province of British Columbia. The specific mission of the Centre is to use a variety of academic and distributive resources to expand the public policy knowledge base and its role in developing leadership capacity in British Columbia. The Centre works to strengthen communicative networks between researchers, policy makers, practitioners and the public to increase the power of research to inform the work of each constituent group. CSELP seeks to become the premier source for ideas, resources, and practices in educational leadership and policy in British Columbia and Canada.

### David Wheeler Institute for Research in Mathematics Education

Co-Director: P. Liljedahl BSc, PhD (S Fraser), 778.782.5643 Tel, 778.782.3203 Fax; Co-Director: S.R. Campbell BA (Calg), PhD (S Fraser), 778.782.3630 Tel, 778.782.3203 Fax; Co-Director: R. Zazkis BA, MA, DSc (Haifa Technion), 778.782.3662 Tel, 778.782.3203 Fax; Co-Director: N. Sinclair BA (McG), MSc (S Fraser), PhD (Qu), 778.782.4303 Tel, 778.782.3203 Fax; zazkis@sfu.ca

David Wheeler Institute for Research in Mathematics Education is a research group at Simon Fraser University, combining and integrating a variety of humanistic and scientific approaches in different areas related to Mathematics Education. The institute's mission is to generate and share knowledge about acquiring mathematical literacy and understanding at all ages and to advance humanity by enriching the lives and options of learners. Current research projects focus on mathematics teacher education in both cognitive and affective domains, on mathematical anxiety, on aesthetics of mathematical experience and on uses of computer technology that promotes learning and teaching. We also have a special interest in advancing knowledge about the learning of mathematics in general, and situating this knowledge within the lived experiences of learners.

We aim to do this by reaching out and drawing on international expertise in a variety of research initiatives. Through community outreach in real world settings, we strive to promote effective change that meets the needs of students, teachers, parents, and the community at large. We believe in integration of research and practice; as such our outreach programs provide a platform for conducting classroom research and for implementing research results in practice. An important part of this process is ongoing collaboration among researchers and teachers and school districts, as well as the creation of partnerships with the families, administrators, and policy makers who will potentially benefit from our research.

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

Director: M. Hoskyn BHE, MA (Br Col), PhD (Calif), 778.782.5808 Tel, 778.782.3203 Fax; mhoskyn@sfu.ca

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. Grimmer BA (Newcastle, UK), BEd (Keele), MA, MEd (Alta), EdD (Br Col), PhD Honoris Causa (Tampere, Finland), 778.782.4937 Tel, 778.782.7485 Fax; grimmer@sfu.ca, <http://www.educ.sfu.ca/iste/index.html>

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.

#### **International Centre of Art for Social Change**

Co-Director: L. Fels BA (Qu), MA (Car), PhD (Br Col), 778.782.8559 Tel, 778.782.5098 Fax; Co-Director: J. Marcuse LLD (S Fraser), 778.782.8559 Tel, 778.782.5098 Fax; Co-Director: C. Snowber BA (SWMass), MA (Gordon-Cornwell), PhD (S Fraser), 778.782.8559 Tel, 778.782.5098 Fax; [info@icasc.ca](mailto:info@icasc.ca), <http://www.ICASC.ca/>

Judith Marcuse Projects and Simon Fraser University (with Continuing Studies and the Faculty of Education) have partnered to establish the International Centre of Art for Social Change (ICASC). The Centre will be a nexus for skills training, professional development, local and international networking, research and community engagement - all aimed at advancing best practices in the growing field of art for social change.

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## Faculty of Health Sciences

### Centre for Applied Research in Mental Health and Addiction

Director 08/09: Julian Somers BA (S Fraser), MSc, PhD (Wash), 778.782.3258 Tel; Director 09/10: Elliot Goldner BSc (Tor), MD (Calg), MHSc (Br Col), 778.782.5027 Tel; info@carmha.ca, <http://www.carmha.ca/>

CARMHA's mandate is to develop knowledge and practices that enhance the effectiveness, efficiency, and quality of mental health and addiction resources. CARMHA promotes innovation, accountability, and inclusiveness in order to improve mental health and reduce substance use problems in the population. In 2008-09, major projects focussed on housing, telehealth, primary healthcare, the corrections population, workplace mental health, Aboriginal people within the justice system, assertive community treatment, cognitive behavioural therapy, dementia, and identifying gaps in mental health and addictions services.

### Children's Health Policy Centre

Director: Charlotte Waddell BSc, MSc (UBC), MD (McM), CCFP, FRCPC, Canada Research Chair in Children's Health Policy , 778.782.7769 Tel, 778.782.7777 Fax; chpc@sfu.ca, <http://www.childhealthpolicy.sfu.ca/>

Located in the Faculty of Health Sciences at Simon Fraser University, we are an interdisciplinary research group dedicated to connecting 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 the 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 policy and citizens' 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 service to the wider community in the form of consultation with government and public advocacy groups concerned with children's health. Our work supports and complements the mission of the Faculty of Health Sciences to integrate research and policy for public and population health locally, nationally and globally.

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## Faculty of Science

### Centre for Experimental and Constructive Mathematics

Director: M.B. Monagan BSc (Massey), MMath, PhD (Wat), 778.782.4279 Tel, 778.782.5614 Fax; mmonagan@cecm.sfu.ca, <http://www.cecm.sfu.ca/>

The centre furthers research and education in computation in the mathematical sciences. The centre's activities include: participation in the training of graduate students in experimental and computational mathematics; 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 computational mathematics; providing access to computing resources and mathematical software packages (currently Maple and Magma); provision of tutorials and consulting assistance for faculty and graduate students at Simon Fraser University in the use of the centre's software and other computer algebra systems; establishment, development and maintenance of accessible software archives; collaboration with similar centres

and appropriate individuals at other Canadian and foreign universities and commercial companies developing mathematical software. Such collaboration may include co-sponsorship of speakers, workshops 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. 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, <http://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. Ydenberg BSc (S Fraser), DPhil (Oxf), 778.782.4282 Tel, 778.782.3496 Fax; constans@sfu.ca, <http://www.sfu.ca/biology/wildberg>

The mission of the Centre for Wildlife Ecology (CWE) is to foster high quality graduate training and research, conduct basic and applied research in wildlife ecology, and to provide 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 the mission-oriented research and management policies of the Canadian Wildlife Service (CWS) and the basic research agenda of the University. Information, ideas, expertise, resources and opportunity flow back and forth across this interface, giving government agencies access to a broad base of science capability that helps inform policy and decision making, while the university and its faculty and students benefit from enhanced opportunities for research and application of the ideas their disciplines generate.

#### **Chemical Ecology Research Group (CERG)**

Director: G. Gries Diplom, PhD (Gött), 778.782.4392 Tel, 778.782.3496 Fax; gries@sfu.ca, <http://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.

#### **Evolutionary and Behavioural Ecology Research Group**

Director: B. Roitberg BSc (S Fraser), MSc (Br Col), PhD (Mass), 778.782.3585 Tel, 778.782.3496 Fax; roitberg@sfu.ca, <http://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.

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## **Vice President, Academic**

### **Centre for Dialogue**

Director: Mark Winston BSc, MA (Boston), PhD (Kansas), 778.782.7894 Tel, 778.782.7892 Fax; ugsid@sfu.ca, <http://www.sfu.ca/dialogue/study+practice> & [www.sfu.ca/dialogue/undergrad](http://www.sfu.ca/dialogue/undergrad)

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 currently focuses on environmental, foreign policy, sustainability, art in community, aboriginal, health, and Olympics issues, responding to needs in local communities for specific kinds of dialogue, first to relieve rising tensions and then to open possibilities of changing relationships. Its signature teaching program is the Undergraduate Semester in Dialogue. The centre is guided by the Centre for Dialogue steering committee and currently chaired by Mark Winston, Academic Director, Centre for Dialogue, and a Professor in the Dept. of Biological Sciences.

### **Institute for the Study of Teaching and Learning in the Disciplines**

Director: C. L. Amundsen BA (Wash), MEd (Alaska), PhD (Montr), 778-782-4853 Tel, 778-782-3203 Fax; camundsa@sfu.ca

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. The Institute has focused on two aspects during the past year:

1. Supporting Teaching Inquiry Projects: A number of projects, conducted by faculty in various academic units, have been supported through the Institute. Please see the list of projects (completed and in-progress) under "Activities". The goal of this initiative is not to support isolated projects across the University - but to engage faculty in jointly planning the projects and disseminating the results of the projects within the University and beyond. To this end, Faculty who are interested in submitting a proposal for a Teaching Inquiry Project attend two or more workshop sessions where other members of the Institute help them to develop their ideas. Once a project seems ready to proceed, a formal proposal form is completed and signed by the Department Chair of the faculty member(s) submitting the proposal.

The Teaching Inquiry Project proposal provides the following information:

- Question to be investigated
- General rationale and description
- Methods of investigation
- Intellectual property to be developed (if any)
- Timeline
- Broader impact (How any processes and/or products developed might be useful to colleagues at SFU or at other universities)
- Dissemination plan (How the results of the project will be shared at the Department and/or Faculty level, and/or beyond)

It is important to note that almost all Teaching Inquiry Projects have included a graduate or undergraduate student who is involved with the faculty member(s) in conducting the investigation.

2. Developing Faculty teaching scholars: Those individual faculty members who are listed under the "Members" category of this report form have served as the core membership of the Institute. Committed to further developing their own knowledge of the teaching and learning process in their respective disciplines, they have pursued their own investigations and have supported the work of others. Many of these individuals have helped to run the Teaching Inquiry Project development workshops, others have simply provided e-mail feedback on developing proposals. One member undertook to shepherd all proposals this year through the SFU ethics review process. Anyone is welcome to become a member. We have made a conscious effort in the first 2 years of the Institute to focus on the work and to show that our process can be effective in improving teaching and learning at SFU and developing community around it. We have not used our time to do much "advertising" of the Institute; the Teaching Inquiry Projects have simply been announced through the SFUFA maillist. We have never been allocated space by the University (although considerable effort was made the first year to procure space) and therefore have not been able to hire clerical staff as was originally intended, so all clerical aspects have been done by Cheryl Amundsen and other members of the Institute.

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## **Associate Vice President, Research**

### **4D LABS**

Director: Neil Branda BSc (Tor), PhD (MIT), Canada Research Chair, 778.782.8061 Tel, 778.782.3765 Fax; [branda@4dlabs.ca](mailto:branda@4dlabs.ca), <http://www.4dlabs.ca/>

4D LABS was formed to foster university research in the areas of advanced materials and nano-scale devices. A multidisciplinary team of leading researchers is working to design, develop, demonstrate and deliver prototype devices that can lead to major advances in information, energy and health technologies. 4D LABS integrates an interdisciplinary research team of chemists, physicists and engineers with expertise in engineering nanomaterials 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, and theoretical chemistry and physics.

### **BC Synchrotron Institute**

Director: K. Kavanagh Professor Physics Simon Fraser University, 778-782-4244 Tel, 778-782-3592 Fax; [kavanagh@sfu.ca](mailto:kavanagh@sfu.ca), <http://www.sfu.ca/vpresearch/centres+institutes/BCSynchrotron.html>

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**

Director: Dr. Urs Ribary (since Jun/2008), Professor and Endowed BC LEEF Leadership Chair, Cognitive Neuroscience in Childhood Health and Development, Simon Fraser University; Board Director and Chair of MEG Operations, Down Syndrome Research Foundation; Consultant, Neurobiology and Mental Health, Child & Family Research Institute (BC Children's Hospital); Member/Investigator, Brain Research Centre, University of British Columbia; Investigator, Center for Drug Research and Development, 778.782.3791 Tel; urs\_ribary@sfu.ca

This institute fosters interdisciplinary research and training concerning the relationship between mind and brain. Building on the strengths of world-renowned researchers who investigate a variety of behavioural, cognitive, sensory-motor, and neurophysiological phenomena, the BCNI focuses on a broad range of topics such as attention, perception, language, memory and action. Our major emphases is on using structural and functional brain imaging for better understanding the underlying neurophysiology of cognitive human brain functions, cognitive disabilities, neurological and psychiatric symptoms. The ultimate goal is to develop objective diagnostic procedures translating into better pedagogical applications and more specific cognitive, pharmacological and surgical interventional therapies.

Some of the main objectives of the institute are to:

- understand the relationships between behaviour, cognition and their neurobiological substrates.
- understand the brain development and life-long plasticity of brain and behaviour.
- understand the nature of the deficits and spared capacities that are specific to particular syndromes and developmental disorders.
- develop diagnostic markers that can be related and translated into specific cognitive, pharmacological and surgical interventions.
- co-ordinate initiatives to further secure world-class collaborative neuroscience research tools and facilities among universities and hospitals in BC. The institute provides a matrix to further facilitate scientists working synergistically toward these and related goals across disciplines and institutions.

**Canadian Centre for Studies in Publishing**

Director: R. Lorimer BA, MA (Manitoba), PhD (Tor), 778.782.5240 Tel, 778.782.5239 Fax; ccsp-info@sfu.ca, <http://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 Disability Independence Research and Education**

Director: A. Hoffer BS (Mudd), PhD (Johns H), 778.782.3141 Tel, 778.782.3040 Fax; cdire@sfu.ca, <http://www.sfu.ca/cdire>

The SFU Centre for Disability Independence Research and Education provides a site where persons with physical disabilities can meet with researchers and jointly analyze, conceive, develop and test innovative solutions for improved performance of activities of daily living and for other unmet needs. This unique setting encourages participation and knowledge transfer by

people with physical disabilities, researchers, undergraduate and graduate students, educators, clinicians and health professionals from British Columbia and beyond.

#### **Centre for Education Research and Policy**

Director: J. Friesen BA (Br Col), MA, PhD (Tor), 778.782.3403 Tel, 778.782.5944 Fax;  
mcampbe1@sfu.ca, <http://www.sfu.ca/cecp>

The Centre for Education Research and Policy (CERP) coordinates the activities of an interdisciplinary group of researchers who are interested in issues related to education policy in British Columbia. Our mandate is to examine the academic consequences of various aspects of education policy, including assessment and accountability frameworks, school and program choice, and funding levels. In addition to looking at academic outcomes, we are interested in measuring the effects of these policies on geographic segregation, social interactions and inter-group attitudes, and will emphasize the interactions between distinct ethnic and linguistic groups, including off-reserve aboriginal students and communities. Our research group includes social scientists from Economics, Education, Psychology and Public Policy who have expertise in a range of quantitative, qualitative and experimental methods. CERP is committed to working in partnership with students, parents, educators, administrators and community organizations from across the province to generate high-quality research evidence that can inform and enrich public debates about education policy, locally, nationally and internationally.

#### **Centre for Imaginative Education**

Director: K. Egan BA (Lond), PhD (Cornell), Canada Research Chair, 778.782.4671 Tel,  
778.782.3203 Fax; [egan@sfu.ca](mailto:egan@sfu.ca), <http://www.ierg.net/>

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 Tel,  
778.782.7485 Fax; [apunnen@sfu.ca](mailto:apunnen@sfu.ca) (Effective Sept 21/09 T. Stephen, will take on the directorship)

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: Robert 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**

Co-Director: B. Schellenberg BEd, BA (Winn), MA, PhD (Ott), 778.782.3095 Tel, 778.782.5737  
Fax; Co-Director: Mary-Ellen Kelm Canada Research Chair and Associate Professor, Department of History, SFU., 778.782.7299 Tel, 778.782.5837 Fax; schellen@sfu.ca,  
http://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, French, history, interactive arts and technology, linguistics, the library, and political science. We welcome anyone in related areas of research to join us.

### **Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)**

Director: P. Borwein BSc (WOnt), MSc, PhD (Br Col), 778.782.4376 Tel, 778.782.7065 Fax;  
irmacs@irmacs.sfu.ca, http://www.irmacs.sfu.ca/

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, Managing Director: 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 scientists whose primary laboratory tool is the computer. Whether on-site or around the world, IRMACS researchers enjoy innovative, expert technical support and state-of-the-art computational, visualization and communication resources.

### **International Centre for Criminal Law Reform and Criminal Justice Policy**

Director: D.C. Prefontaine, Q.C., President; K. Macdonald, Executive Director, 604.822.9875 Tel, 604.822.9317 Fax; icclr@law.ubc.ca, http://www.icclr.law.ubc.ca

The International Centre is an independent, international institute based in Vancouver, B.C., and officially affiliated with the United Nations. The Centre was founded in 1991 as a result of an initiative by the Government of Canada, the University of British Columbia, Simon Fraser University, the International Society for the Reform of Criminal Law, and the Ministry of Attorney General of British Columbia. 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.

### **International Cybercrime Research Centre (ICRC)**

Director: W. G. Glackman BA (Calif), MA, PhD (S Fraser), 778.782.4041 Tel, 778.782.4140 Fax; glackman@sfu.ca

The International Centre for Cybercrime Research is a joint venture of Simon Fraser University, the province of BC, and the International Society for the Policing of Cyberspace (POLCYB), a BC-based non-profit organization established to prevent and combat crimes on the Internet. The ICRC is a focal point for collaboration among cybercrime researchers from universities, government agencies, NGOs, and private sector organizations. The Centre brings together SFU faculty researchers, researchers from other Canadian and international universities, relevant government agencies, and private sector organizations to address issues related to countering criminal activity within cyberspace; projects are concerned with economic crime, pornography, child exploitation, and terrorism, among other issues. The Centre also conducts research into Internet economic crimes, social networking-related crimes and analysis of ongoing trends. One of the initial projects planned by the Centre is to develop virus scanner-like tools to detect child exploitation images. Cybercrime is a huge and mostly unreported problem, with child pornography and identity theft as the most serious issues. Even when reported, there are significant law enforcement and prosecutorial problems principally because of the global nature of the phenomenon. For example, a fraud aimed at Canadian seniors can be triggered by individuals in another country on behalf of individuals in a third country and be passed through a server in a fourth country.

### **Nanomed Canada Research Network**

Director: N. Branda BSc (Tor), PhD (MIT), Canada Research Chair, 778.782.8061 Tel, - Fax; info@4dlabs.ca, <http://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), 778.782.3379 Tel, 778.782.6657 Fax;  
sfu@pims.math.ca, <http://www.pims.math.ca/>

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 is 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 mathematical sciences community at this University.

**Tri-University Meson Facility (TRIUMF)**

Director: N. S. Lockyer BS (York), PhD (Ohio), 604.222.1047 Tel, 604.222.1074 Fax;  
finance@triumf.ca, <http://www.triumf.ca/>

TRIUMF is a joint venture of the University of Alberta, the University of British Columbia, Carleton University, l'Université de Montréal, Simon Fraser University, the University of Manitoba, the University of Toronto and the University of Victoria. 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)**

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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.