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MEMORANDUM

ATTENTION Senate **DATE** December 14, 2011
FROM Bill Krane, Acting Vice-President, Academic and Provost, and Acting Chair, SCUP **PAGES** 1/1
RE: Centre and Institute Report 2010/2011 (SCUP 11-53)

At its November 23, 2011 meeting SCUP reviewed the Centre and Institute Report 2010/2011. It is attached for the information of Senate.

Encl.

c: N. Hauerland



OFFICE OF THE VICE-PRESIDENT, RESEARCH

Norbert H. Haunerland, Ph.D.
Associate Vice-President, Research
Professor of Biological Sciences

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ATTENTION **Senate Committee for University Priorities**

FROM Norbert Haunerland, Associate Vice-President Research

RE Centre and Institute Report 2010/2011

DATE November 8, 2011

As specified under SFU Policy R 40.01 "Research Centres and Institutes," I am pleased to submit to the Senate Committee for University Priorities the seventh annual report on the activities of the Research Centres/Institutes. A copy of the Policy is also attached for your reference.

The report covers primarily the fiscal year 2010/2011. 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 Research Centres/Institutes that were either established or dissolved since the end of fiscal year 2010/2011 are included.

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

- **Research Centres** are under the direct authority of the Faculty Deans. The Deans report to the Vice President Research 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.
- **Research Institutes** either have a university-wide mandate or comprise multi-university consortia in which SFU participates. The Vice-President, Research is responsible for these Institutes. 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.

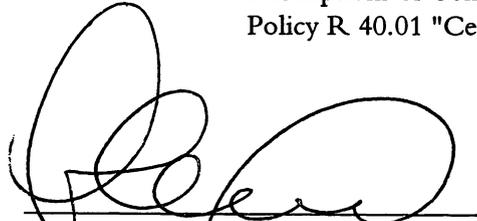
The annual reports were prepared online for the fourth time, if you wish to see the

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

Motion:

That SCUP approves the Research Centres and Institutes Report and forwards the report to Senate and the Board of Governors for information.

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



Norbert Haunerland
Associate Vice-President, Research

Research Centres	Date Established	Senate Approval	Adequate Report	University resources provided to Centre:			
				Space	Personnel	Equipment	Budget
Faculty of Applied Science							
Institute of Micromachine and Microfabrication Research	10/20/92	1/26/93	Renewal Application Required				
Faculty of Arts and Social Sciences							
Bill Reid Centre for Northwest Coast Art Studies	2006	5/18/06	Yes	No	No	No	Yes
Centre d'études francophones Québec-Pacifique	5/24/01	5/24/01	Yes	Yes	No	Yes	No
Centre for Comparative Study of Muslim Societies and Cultures	9/21/06	9/21/06	Yes	Yes	No	No	Yes
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 Labour Studies	2/96	5/23/96	Renewal Application Required				
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 Research on Sexual Violence	9/17/09	9/17/09	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	Yes	Yes	No	No
Centre for the Reduction of Violence Among Children and Youth	9/20/07	9/20/07	Yes	Yes	No	No	No
Centre for the Study of Public Opinion and Political Representation	4/22/10	4/22/10	Established in reporting period, no report required.				
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
First Nations Language Centre	9/23/10	9/23/10	Established in reporting period, no report required.				
Gerontology Research Centre	5/10/82	6/29/82	Yes	Yes	Yes	No	No
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	Renewal Application Required				
Institute of Governance Studies	12/5/94	6/22/95	Renewal Application Required				
Mental Health, Law and Policy Institute	5/2/91	6/25/91	Renewal Application Required				
Stavros Niarchos Foundation Centre for Hellenic Studies	05/24/11	05/24/11	Established in reporting period, no report required.				
Faculty of Business Administration							
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	Yes	No	No	No	No
Centre for Studies in Global Asset and Wealth Management	2007	1/25/07	Yes	No	No	No	No
Centre for Workplace Health and Safety	6/24/10	6/24/10	Yes	No	No	No	No
Jack Austin Centre for Asia Pacific Studies	12/17/09	12/17/09	Yes	No	No	No	No
Faculty of Communication, Art and Technology							
Centre for Policy Research on Science and Technology (CPROST)	12/16/88	1/19/89	Yes	Yes	No	No	Yes
Centre for Policy Studies on Culture and Communities	10/15/07	10/15/07	Yes	Yes	No	No	Yes
Faculty of Education							
Centre for Education, Law and Society	1984	7/14/94	Renewal Application Required				
Centre for Research on International Education	3/18/10	3/18/10	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
Faculty of Environment							
Centre for Coastal Science and Management	6/14/01	6/14/01	Yes	No	Yes	Yes	No
Centre for Sustainable Community Development	11/4/88	1/19/89	Yes	Yes	Yes	Yes	Yes
Centre for Tourism Policy and Research	1989	4/27/94	Renewal Application Required				
Co-operative Resource Management Institute	12/16/97	11/26/98	Renewal Application Required				
Faculty of Health Sciences							
Centre for Applied Research in Mental Health and Addiction	11/15/07	11/15/07	Yes	Yes	No	No	No
Children's Health Policy Centre	3/22/07	3/22/07	Yes	Yes	Yes	No	Yes
Faculty of Science							
Centre for Experimental and Constructive Mathematics	6/25/90	5/26/92	Renewal Application Required				
Centre for Natural Hazards Research	5/19/05	5/19/05	Yes	Yes	Yes	Yes	No
Centre for Wildlife Ecology	11/21/02	11/21/02	Yes	Yes	Yes	No	Yes
Evolutionary and Behavioural Ecology Research Group	1/9/89	2/28/89	Yes	No	No	No	No
Note:							
Senate approved the dissolution of W.J. VanDusen Business Studies Institute on November 1, 2010							

Research Institutes	Date Established	Senate Approval	Adequate Report	University resources provided to Centre:			
				Space	Personnel	Equipment	Budget
Associate Vice President, Research							
4D Labs	5/19/05	5/19/05	Yes	Yes	Yes	Yes	Yes
Behavioural and Cognitive Neuroscience Institute	9/22/05	9/22/05	Yes	Yes	Yes	Yes	Yes
Canadian Centre for Studies in Publishing	1987	7/14/94	Yes	No	No	No	No
Centre for Disability Independence Research and Education	11/15/07	11/15/07	Yes	Yes	Yes	Yes	No
Centre for Education Research and Policy	1/17/08	1/17/08	Yes	Yes	No	No	Yes
Centre for Imaginative Education	2007	4/19/07	Yes	Yes	Yes	Yes	Yes
Centre for Operations Research and Decision Sciences	2006	9/21/06	Yes	No	No	No	No
Centre for Scientific Computing	3/22/01	3/22/01	Renewal Application Required				
Centre for Studies in Print and Media Cultures	2006	7/20/06	Yes	No	No	No	No
Centre for the Study of Gender, Social Inequities and Mental Health	6/24/10	6/24/10	Yes	Yes	Yes	Yes	No
Indigenous Research Institute	09/12/11	09/12/11	Established in reporting period, no report required.				
Institute for Canadian Urban Research Studies	5/14/92	5/26/92	Yes	Yes	No	No	No
Institute for Environmental Learning	12/06/10	12/06/10	New Institute	No	No	No	No
Institute for Intersectionality Research and Policy	2/17/05	2/17/05	Yes	Yes	No	No	No
Institute for Values in Policy and Science	12/06/10	12/06/10	New Institute	No	No	No	No
Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)	1/20/05	1/20/05	Yes	Yes	Yes	No	Yes
International Centre for Criminal Law Reform and Criminal Justice Policy	5/1/91	1/28/92	Yes	No	No	No	No
International Centre of Art for Social Change	11/15/07	11/15/07	Yes	Yes	No	No	Yes
International Cybercrime Research Centre (ICRC)	4/17/08	4/17/08	Yes	Yes	Yes	Yes	Yes
Nanomed Canada Research Network	4/19/07	4/19/07	Yes	No	No	No	No
Pacific Institute for the Mathematical Sciences (PIMS)	1996	4/22/99	Renewal Application Required				
TRIUMF - Canada's national laboratory for particle and nuclear physics	1968	9/22/81	Renewal Application Required				
Vancouver Institute for Visual Analytics (VIVA)	11/01/10	11/01/10	Renewal Application Required				
Western Canadian Universities Marine Sciences Society (Bamfield)	6/18/69	7/23/70	Renewal Application Required				

Research Centres		
	Type	Description
Faculty of Arts and Social Sciences		
Bill Reid Centre for Northwest Coast Art Studies	Funds	\$125,000 per year funding from the VPA to cover the Director's half time salary (\$60,0000), space rental (\$43,600 per annum lease) with The Bill Reid Trust and some additional operating expenses. Outside funds were raised by the Director which included over \$75,000 that was used for assistants contracts and operating expenses. A designated gift in the will of one of the members of the board of the Bill Reid Trust, and an alumnae of SFU was made in 2010 for \$250,000 payable on his demise.
Centre d'études francophones Québec-Pacifique	Space	WMC 2601 (shared with T.A.s)
	Equipment	One computer, one scanner, one microfilm viewer.
Centre for Comparative Study of Muslim Societies and Cultures	Space	AQ 6225, AQ6221, AQ6219
	Funds	Course release for Director.
Centre for Forensic Research	Space	515 sq. M of laboratory and office space in Saywell Hall, North wing, 9000 level.
	Personnel	40% time of a lab manager
Centre for Global Political Economy	Space	Shared office: AQ 6082
	Equipment	1 desk-top computer
Centre for Labour Studies	Space	Office (AQ 6011)
	Personnel	No course release for the Director; and no stipend to Director.
	Equipment	Telephone
	Funds	Faculty of Arts and Social Sciences: \$2,805.00 SSHRC Cluster Research: \$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 RJ resources and is an office for many visiting international scholars in the area of RJ (average 2 per year). Office is also used by the Centre's workstudy students (typically 3 per semester), and to host off-campus visitors. Meeting space for graduate students and community partners for research and development work. Holds the library for the Centre.
	Equipment	Books, DVDs, videos, one computer, 2 desks, 2 chairs, 4 bookshelves, two filing cabinets
Centre for Scottish Studies	Space	The Centre for Scottish Studies shares an office space used for teaching assistants.

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	Personnel	Secretarial help for budget from Dept. of English (approx. 20 hours)
Centre for the Reduction of Violence Among Children and Youth	Space	Approximately 2,000 sq. ft. of space has been allocated for the Centre in RCB 7220. I am in the process of preparing a CFI-LOF (Leadership Opportunity Fund) grant application for funds to provide equipment, infrastructure, and renovations of this space.
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 Grants 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 2010/11 fiscal year, this amounted to \$6,596.50. The major source of funding was the BC Government.
David Lam Centre	Space	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	Shared office space has been allocated to us by the Department of Sociology and Anthropology.
Gerontology Research Centre	Space	Six offices and a common area for the GRC library collection at Harbour Centre
	Personnel	One administrative teaching release/semester for Andrew Sixsmith.
Institute for Studies in Criminal Justice Policy	Space	Office space within the School of Criminology: Saywell Hall 10226.
Faculty of Business Administration		
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.

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	Funds	Amount: The Centre operates on a \$100,000 annual budget provided by the donor for the Centre, CMA Canada. Department: The Centre operates out of the Faculty of Business Administration.
Faculty of Communication, Art and Technology		
Centre for Policy Research on Science and Technology (CPROST)	Space	Offices at Harbour Centre, third floor. Three offices, space in a storage room, access to conference room, and use of some common space/cubicles.
	Funds	Funding received through members' contributions (ranging between \$2,000 and \$10,000 per member), overheads on member contracts, and cost recovery for projects (e.g., Queen's U workshop - expenses incurred in 2009/2010, income received in 2010-2011). From B.Clayman for FY 2010/11 June \$2,000.00 From Queen's Univ. for Smith Surveil. Workshop(Nov09) April \$5,826.87 From School of Communication for FY 2010/11 June \$1,500.00 From A.Holbrook for FY 2010/11 June \$1,500.00 From A.Holbrook for FY 2009/10 (xerox) June \$500.00 From P.Anderson for FY 2010/11 June \$500.00 From R.Smith for FY 2010/11 June \$2,000.00 From VPA for B.Lewis for 2010/11 & future years September \$10,000.00 From B.Lewis for April-June 2010 June \$1,000.00 From B.Lewis for July 2010 - March 2011 June \$1,000.00 Total income was \$25,826.87
Centre for Policy Studies on Culture and	Space	Harbour Centre office #3551
	Funds	From CMNS-CECC overhead recovery: \$20,000 From CMNS for overhead share from Rural Communities Project: \$ 862.83
Faculty of Education		
Centre for Research on International Education	Space	EDB 8561 provided by the Faculty.
	Personnel	Work Study Students in Summer 2010 (Beth Ren) Fall 2010 (Beth Ren) and Spring 2011 (Tapuwa Ruzvidzo) Staff attached to the International Programs office provide assistance for our events. (Jane Pan, Amanda Shaw)
	Equipment	Computer & Phone for our office.
	Funds	The Faculty of Education provided \$15,000 in start up funds, in keeping with support provided other new Centres.
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), one iPad
Faculty of Environment		
Centre for Coastal Science and Management	Personnel	.5 Program Assistant vacant (revenue funded and paid by through Continuing Studies) Coordinator salary (paid through Vice President Academic) Director salary (paid through Vice President Academic)
	Equipment	All equipment purchased and covered by Continuing Studies in Science and Environment

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Centre for Sustainable Community Development	Space	West Mall Complex: 8 offices (2603, 2611, 2613, 2615, 2617, 2619, 2621, 2623), 2 meeting rooms (2605, 2609), and 4 very small rooms (2607, 2608, 2620, 2622) for equipment, storage, and supplies. Harbour Centre: one shared office, room 3355.
	Personnel	One 1/2 time director; one 1/2 time associate director (vacant in 2010-11); administrative support from the Dean's Office, Faculty of Environment (FENV); one course release for Director; one course release for Associate Director; five (normally) sessional teaching stipends from Dean of FENV; five supervisor and tutor-marker stipends for distance education courses from CODE, 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
	Funds	\$33,000 operating base budget from FENV (does not include a staff position)
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 \$5,000 is embedded within operating budget of the School of Resource and Environmental Management.
Faculty of Health Sciences		
Centre for Applied Research in Mental Health and Addiction	Space	Harbour Centre Offices Space in Blusson Hall
Children's Health Policy Centre	Space	SFU and the Faculty of Health Sciences provide office space at Harbour Centre.
	Personnel	SFU and the Faculty of Health Sciences provide the Director's salary.
	Funds	We are grateful to the Djavad Mowafaghian Foundation for their generous endowment, which provides annual income dedicated to the Children's Health Policy Centre.
Faculty of Science		
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
	Personnel	Director - John J. Clague
	Equipment	Sedimentological and geotechnical laboratory equipment
Centre for Wildlife Ecology	Space	Approx. 3700 sq. ft. offices and laboratories
	Personnel	University Personnel: 3 faculty positions (Ydenberg, Williams, Green) 7 Adjunct Faculty Positions (Lank, Esler, Hipfner, Butler, Smith, Elliott, Bishop)
	Funds	\$30,000 paid in 2009-2011 from Office of VP-Research. This is payment @ \$5,000 per year for 6 years (from 2006 - 2011).

Research Institutes		
Associate Vice President, Research		
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	Nanofabrication Facility Manager, Boysel Process Engineer, Cherng Process Engineer, Kubik Technician, Balicki Technician, Li Technician, Sieb Assistant to the Director, Vitoulova
	Equipment	Equipment for all labs in TASC 2
	Funds	1. \$40,000 - VPR - Salary for Assistant to Director, Vitoulova 2. \$15,000 - 3 months agreement, James Cameron
Behavioural and Cognitive Neuroscience Institute	Space	A successful CFI application was awarded in 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 in Health and Disease among disciplines and institutions on the other hand. The BCNI is yet awaiting the release of funds from the successful CFI award.
	Personnel	The BCNI collaborates with and facilitates links to existing investigators interested in multidisciplinary brain imaging across disciplines and institutions, including SFU, DSRF, CFRI-BCCH, UBC among others.
	Equipment	The successful CFI application awarded in 2009 will provide all necessary equipment for BCNI's operation and further provide a major upgrade to the existing MEG operation. The BCNI is yet awaiting the release of funds from the successful CFI award.
	Funds	The BCNI is yet awaiting the release of funds from the successful CFI award (awarded in 2009).
Centre for Disability Independence Research and Education	Space	Shared office space in TASC2 7440.
	Personnel	Andrew Der, part-time coordinator (May 2009 to Jan 2010).
	Equipment	Shared use of desk computer and printer in office.
Centre for Education Research and Policy	Space	Our Centre uses one staff administrator office and three secure offices to house researchers working with confidential data in the West Mall Complex, adjacent to a common meeting space that we use for research meetings, staff and Steering Committee meetings, and community consultations. We also occupy one office in Harbour Centre, used by multiple staff.
	Funds	Community Trust Endowment Fund: \$214,802.98

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Centre for Imaginative Education	Space	We have a largish room in the Faculty of Education area: EDB
	Personnel	Various R.As.
	Equipment	6 work stations with computers
	Funds	CURA grant. SSHRC RDI grant.
Centre for the Study of Gender, Social Inequities and Mental Health	Space	HC 3120 - Includes two work spaces.
	Personnel	Simon Fraser University supplies the CGSM with administrative assistance as is in keeping with other grants.
	Equipment	Simon Fraser University supplies the CGSM with office furniture (desks) for each of our work spaces.
Institute for Canadian Urban Research Studies	Space	ICURS research laboratory- approx space 600 sq ft ICURS visiting professors, research associates, research assistants, associates and volunteers- 14 seats (multiple users of seats)
Institute for Intersectionality Research and Policy	Space	Rooms 3274, 3276, 3277, 3278 at Harbour Centre Campus
Interdisciplinary Research in the Mathematical and Computational Sciences (IRMACS)	Space	The IRMACS Centre 25,000 sq ft.
	Personnel	Dr. Peter Borwein - Founding Director/Executive Director - Burnaby Mtn. Chair - seconded from the Math Department Dr. Veselin Jungic - Deputy Director - seconded from the Math Department - .5FTE Dr. Brian Corrie - Technical Director - .5FTE equivalent funded from the Dean of Science Office
	Funds	VPR's office - Fund 11 Budget \$40,000 VPA's office - Fund 11 Budget \$30,000 Dean of Science Office - Fund 11 Budget \$30,000
International Centre of Art for Social Change	Space	Fellowship ends March 2012, at which point, ICASC will lose its office space. Office in Harbour Centre, as part of Marcuse appointment as a Fellow of the Centre for Dialogue
	Funds	All 2009-2010 funding is from Judith Marcuse Projects. Faculty of Education will pay instructor of record for EDU 496-3, Dr. Lynn Fels.
International Cybercrime Research Centre (ICRC)	Space	Office space and equipment are provided by the School at our Surrey campus. Three staff offices are allocated for the use of the ICRC in the Podium 2 section of the campus and one research office at the Burnaby campus is also provided.
	Personnel	During 2010/11 faculty of the School of Criminology supervised individual R.A's working on separate projects. These included Martin Bouchard supervising students working on a project entitled, "Warez Groups and Internet Copyright Law". Dr. Richard Frank is working with the RCMP: in the development of a web crawler to identify child porn networks. And Sara Smyth is supervising a student who is, amongst other things, setting up the Centre webpage.
	Equipment	Office furniture and a photocopier are provided by the School. The Centre funds its own computers, printers, and programs and accessories; office supplies; and pays for the telephone and fax services as well as the actual cost of photocopying.
	Funds	Substantial funding in the amount of \$250,000; \$65,000; and \$50,000 was provided by the Ministry of Labour in June 2007.

Descriptions of Centres and Institutes

Faculty of Applied Science

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 interdisciplinary research that integrates engineering, health sciences, molecular biology and chemistry to formulate technology and procedure to develop novel medical diagnostic instrumentation.

Faculty of Arts and Social Sciences

Bill Reid Centre for Northwest Coast Art Studies

Director: Dr. George F. MacDonald BA (Tor), PhD (Yale), LL.D (Calg), QC, 604.682.4179 Tel, 604.682.3310 Fax; macdonald.george4@gmail.com <http://www.sfu.ca/brc/>

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. The centre wishes to reach the widest possible audience and to do so has assembled the largest data base in the world of digital images of totem poles that can be disseminated to wherever they are needed. We hope they provide new inspiration to both artists and art historians.

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 <http://www.sfu.ca/centrequebec-pacifique>

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 Comparative Study of Muslim Societies and Cultures

Director: D. MacLean BA (NY State), MA, PhD (McG), 778.782.4437 Tel, 778.782.5837 Fax; ccsmc@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 ideaspcape defined by Islam to a more complex view of Muslims as agents in the construction of their own history. It sponsors and supports conferences, workshops, public lectures, visiting scholars, international exchange, library augmentation, and language acquisition in the area of Muslim studies.

Centre for Forensic Research

Co-Director: G.S. Anderson BSc.(Hon), M.P.M., PhD (S Fraser), 778.782.3589 Tel, 778.782.4140 Fax; Co-Director: Dongya Yang B.Sc. Lanzhou, China, M.Sc. Chin. Acad. Sci, Beijing, China,

Ph.D. McMaster, 778.782.4651 Tel, 778.782.5666 Fax; ganderso@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: Dr. G. Mann B.A. (Hons.) (McGill); M.Sc. (Guelph); Ph.D. (Berkeley), 778.782.4426 Tel, 778.782.5841 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: Gary Teeple B.A., M.A. (U. of Toronto), D. Phil. (Sussex, UK), 778.782.4734 Tel, 778.782.5977 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 School of Public Policy 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 Research on Sexual Violence

Director: Eric Beauregard BSc., MSc, and PhD, (University of Montreal), 778.782.8134 Tel; ebeaureg@sfu.ca <http://sites.google.com/site/crsvsfu/>

The Centre for Research on Sexual Violence (CrSV) is a project originally initiated in 2007 by Dr. Eric Beauregard and Dr. Patrick Lussier. The CrSV officially started its activities in 2010. The

Centre is affiliated with the School of Criminology at Simon Fraser University, in British Columbia, Canada. The initiative stems from a need to challenge current myths and misconceptions about sex offenders and sexual violence. The work undertaken at the Centre builds on past research conducted in Canada by several influential scholars, researchers, and practitioners. In doing so, the Centre also aims to tackle the issue of sexual violence from a criminological perspective. The Centre's key objectives are: Initiating, promoting and conducting research on both the understanding and the prevention of sexual violence; Providing criminal justice intervention program development and evaluation services in the area of sexual violence; Developing and providing educational and training services such as seminars and workshops on sexual violence topics; Coordinating and organizing special lectures, seminars and workshops on sexual violence topics delivered by key speakers, scholars, researchers and practitioners; Developing partnerships with other community and government agencies, institutes or research centres whose aims are similar to those of the Centre for Research on Sexual Violence; Facilitating the exchange of information between scholars, researchers and practitioners in order to promote research on sexual violence.

Centre for Restorative Justice

Co-Director: E. Elliott BPE (Ott), MSW (Car), PhD (S Fraser), 778.782.4730 Tel, 778.782.4140 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 the Reduction of Violence Among Children and Youth

Director: Robert J. McMahon, Ph.D. BA, MS, PhD, 778.782.9031 Tel, 778.782.3427 Fax; robert_mcmahon@sfu.ca

The Centre was approved by the Board of Governors on September 20, 2007. Dr. Robert McMahon, the Director for the Centre, began his appointment at SFU effective June 16, 2010. The objectives of the Centre for the Reduction of Violence Among Children and Youth are to establish, maintain, and support interdisciplinary research that is focused on (a) elucidating the origins, developmental pathways, and outcomes of children and youth with violence and other conduct problems; and (b) the development, evaluation, and dissemination of state-of-the-art preventive and treatment interventions for alleviating youth violence and other conduct problems throughout childhood and adolescence. Another primary objective of the Centre is the dissemination of knowledge about youth violence to multiple stakeholders, including researchers, practitioners, policy makers, and the community at large.

Centre for the Study of Public Opinion and Political Representation

Director: Steven Weldon BA (Wittenberg), MA, PhD (Calif), 778.782.4995 Tel; sweldon@sfu.ca
<http://www.cpopr.com/>

The Centre for the Study of Public Opinion and Political Representation (CPOPR) is an interdisciplinary research unit housed in the Department of Political Science. It fosters academic research and promotes education on the systematic study of public opinion, political representation, and the links between civil society and democratic governance.

Criminology Research Centre

Director: Robert Gordon BA (La Trobe), MA (S Fraser), PhD (Br Col), 778.782.4305 Tel, 778.782.4140 Fax; crc@sfu.ca

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; dlam-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 fostering intercultural understanding through the organizing and hosting of public fora, academic conferences, and workshops on religion, history, Asian literary and visual arts, philosophy and language, and through publication of relevant books and articles. This work entails contributions to Asia-Canada relations and to greater mutual understanding between diverse Asian cultural constituencies within Canada. Activities have also included international and intercultural communication research and development projects. The Centre also organizes and hosts cross-cultural management and communication seminars through 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; flsls@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.

First Nations Language Centre

Director: M. B. Ignace MA (Göttingen), PhD (S Fraser), ignace@sfu.ca

The First Nations Language Centre will:

- Maintain and develop ongoing partnerships with First Nations communities engaged in language revitalization efforts.
- Provide academic support for community-based efforts to revitalize seriously endangered languages in First Nations communities throughout British Columbia and neighbouring areas.
- Offer research expertise with a focus on First Nations language revitalization theory and practice in communities; support language curriculum development, and facilitate research in the applied and descriptive linguistics of critically endangered languages.
- Facilitate communication between First Nations communities and the university. Objectives Using an integrated approach to research in language revitalization, the objectives of the First Nations Language Centre will be to collaborate with specific First Nations language communities and their organizations to
- Support local First Nations language learning in a safe environment while maintaining high academic standards, in collaboration with First Nations community organizations.
- Work in concert with academic programming in First Nations languages offered by SFU to improve effectiveness and impact of this programming.

- Deliver support for local First Nations language learners and instructors by facilitating language curriculum design, language course and lesson planning, student assessment, and evaluation formats as part of the centre's focus on research in language revitalization.
- Conduct collaborative research on best practices and locally practicable solutions in First Nations language revitalization and maintenance;
- Enable, attract and conduct collaborative research with First Nations communities in applied linguistics of First Nations languages, including, e.g. pedagogical grammars of First Nations language proficiency, and multimedia design and online delivery of First Nations language learning.
- Attract graduate students doing research in various fields relevant to First Nations languages and linguistics, community language revitalization, language planning and documentation;
- Facilitate networking and collaboration among First Nations language learners of diverse languages to share successes, challenges, learning and teaching methodologies, research projects and results.

Gerontology Research Centre

Director: A. Sixsmith BA, MA (Keele), PhD (Lond), 778.782.5375 Tel, 778.782.5066 Fax; andrew_sixsmith@sfu.ca <http://www.sfu.ca/grc>

Established in 1982, the Gerontology Research Centre (GRC) and the associated Department of Gerontology promote and conduct innovative interdisciplinary research on topics relating to individual and population aging, serve as a clearinghouse for information and provide 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. The GRC has an active publications program, including "GRC News" and "Seniors' Housing Update and hosts workshops and conferences. Centre research activities focus on applied gerontology in a number of areas, including:

- (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 the impact of changes in the timing of life events and in retirement, pension and income support policy and programs;
- (3) Health Promotion/Population Health and Aging - Examination of determinants and consequences of population health, development and evaluation of programs that assist seniors to improve their mental and physical health, cope with chronic illness, and prevent disability;
- (4) 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
- (5) 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.'

Institute for Studies in Criminal Justice Policy

Director: D. MacAlister BA, MA (S Fraser), JD (Br Col), LL.M (Qu), 778.782.3019 Tel, 778.782.4140 Fax; dmacalis@sfu.ca <http://www.sfu.ca/criminology/research/index.html#CJP>

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: Dr. Samir Gandesha BA (UBC), MA (York), Ph.D (York), 604.726.6704 Tel, 778.782.4504 Fax; sgz@sfu.ca <http://www.sfu.ca/humanities-institute/>

Now in its 28th year, the Institute for the Humanities at SFU seeks to accomplish three basic objectives: stimulate student interest and faculty research in demonstrating the irreducibility of

humanistic perspectives in understanding some of the most pressing social, economic, political and environmental problems we face and, above all, to engage the many publics beyond the academy in city, the province, the country and, indeed, the wider world. The Institute is perfectly placed, therefore, to play a key role in the idea of SFU as "student-centred, research-driven and community-engaged."

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.
7. To ensure that in keeping with SFU's commitment to local community outreach and connectedness research on governance also informs community discourse and decision-making.

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.

Stavros Niarchos Foundation Centre for Hellenic Studies

Director: A. Gerolymatos BA (C'dia), MA, PhD (McG), , 778.782.5886 Tel, 778.782.4929 Fax; hellenic@sfu.ca <http://www.sfu.ca/snfchs.html>

The Centre is committed to the study and teaching of Greek history language and culture. Fundamental to this endeavor is the application of innovative technology to enhance the learning experience for the student and scholar. The aim of the Centre is to make Hellenic Studies accessible to university and non-university students with teaching and research as the cornerstone of the Centre's activities. These tasks are accomplished by training future scholars in Greek history, language and culture. The Centre is dedicated to the survival of Greek studies both in the West and in Asia.

Faculty of Business Administration

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 <http://business.sfu.ca/cgws/>

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.sfubusiness.ca/gawm>

The centre, which was approved by the Board of Governors on January 25, 2007, will focus on two fundamental issues with respect to financial investing. First is to address the growing need to research and assess global financial markets. Affiliated with the school's Global Asset and Wealth Management MBA Program, this centre's mandate is to develop a better understanding of the ever-increasing array of global investment instruments and their suitability as client investment opportunities. The centre will complement the school's markets research and trading room, where faculty and students can use the latest technologies to access global stock exchanges and on-line financial databases to explore and evaluate the details of particular investment strategies. Increasingly we see the creation of new asset classes, such as hedge funds and boutique investments. Evaluating these new instruments, posing new instruments, and maximizing investment alternatives will be central activities of this new centre. Secondly, the centre will develop research expertise with respect to the development of investment policies to better guide advice that is given to investors. More and more investors have invested in a broad array of investment opportunities, many of which are truly global. Such investors often must deal with highly specialized issues such as complex taxation consideration, large accrued capital gains and multi-generational concerns, situations in which simple investment structures are clearly not sufficient. What is needed are investment policies that more appropriately reflect such individualistic situations, rather than policies reflected in current investment planning, focusing on an average, stereotypic investor wherein decisions come down to selecting a debt/equity mix and little else. The centre will marshal the academic resources for undertaking such advanced research and analytical capabilities. These academic resources would include researchers affiliated with the centre, visiting research fellows, and an affiliated PhD stream, as well as inter-institutional research linkages.

Centre for Workplace Health and Safety

Director: Roderick Iverson BA, MA (Monash), PhD (Iowa), 778.782.4150 Tel, 778.782.4920 Fax; riverson@sfu.ca <http://beedie.sfu.ca/cwhs/>

The Centre for Workplace Health and Safety (approved by Senate on May 5th 2010) seeks to contribute to the sustainability of organizations and communities. Its aim is to increase the safety, health and welfare of employees and, by extension, the safety, health and welfare of those who are impacted by safety issues in the workplace: family members, employers, customers, suppliers, and nearby communities. Focusing on West Coast industries (fisheries, forestry, mining, wood product manufacturing, construction, and transportation), the Centre will address the human resource management aspects of health and safety in order to provide a missing complement to other approaches to occupational health and safety such as epidemiology, kinesiology, and ergonomics. The Centre will employ a collaborative, interdisciplinary and solution-oriented approach to: generate knowledge that has an applied impact on workplace safety; conduct collaborative and multidisciplinary research to capture diversity in approaches and intervention methods; provide training and education to the academic and practitioner communities; and disseminate evidence-based knowledge to the academic community, practitioners, policy makers and other stakeholders.

Jack Austin Centre for Asia Pacific Studies

Director: Sudheer Gupta Associate Professor of Technology and Operations Management. B. Eng., MBA, Ph.D. , 778.782.7157 Tel, 778.782.4937 Fax; sudheerg@sfu.ca <http://business.sfu.ca/jack-austin-centre/>

The Jack Austin Centre for Asia Pacific Business Studies carries out research, outreach and training activities on business issues that are relevant to Canada's interests in the Asia Pacific region. The initial focus of the centre is on corporate governance, Canada-Asia two way investments, and, innovation and entrepreneurship.

Faculty of Communication, Art and Technology

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 social impact 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/>

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 Research on International Education

Director: To be announced, crie@sfu.ca, <http://www.sfu.ca/vpresearch/centres+institutes/internationaleducation.html>

The primary goals of the Centre are to foster research on international education, promote collaborative and interdisciplinary research, and secure grants for scholarly work in international

education. The Centre seeks to become a leading source for research in international education in B.C., Canada, and internationally.

The Centre will bring together researchers, primarily from within the Faculty of Education and others from across the university with an interest in investigating international education and related issues. The Centre will promote regional, national and international partnerships with other centres, institutes, groups and researchers dedicated to researching the internationalization of education.

The Centre's activities that would promote its objectives would include and are not limited to:

- conferences and workshops, seminars and institutes;
- public lecture series; - visiting scholars;
- undergraduate and graduate scholarships;
- international exchange programs for academics;
- mobility programs for students and faculty; and
- publication of newsletters, conference proceedings, research reports and other material.

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 <http://www.educ.sfu.ca/research/wheeler/>

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: Ann Chinnery B.Ed. (University of Alberta); M.Ed. (University of Alberta); Ph.D. (SFU), 778.782.8123 Tel; achinner@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.

Faculty of Environment

Centre for Coastal Science and Management

Director: P. Gallagher BSc, BEd (Br Col), PhD (S Fraser), 778.782.4653 Tel, 778.782.3851 Fax; pgallaug@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 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 non-credit professional programs.

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 (CTPR) is a graduate research centre established by Simon Fraser University in cooperation with the Province of British Columbia. It operates as a research pod within the University's School of Resource and Environmental Management. The Centre's membership is comprised of faculty members and graduate students conducting research related to tourism and recreation sustainable development issues. Its overall mission is to develop and disseminate knowledge that encourages more sustainable forms of tourism development. To achieve its mission, the Centre: - Provides a focal point for interdisciplinary graduate level studies and professional development related to tourism and recreation planning; - Encourages and conducts policy, planning and management research that enhances the effective and sustained use of tourism and recreation resources; and - Facilitates the distribution of leading edge tourism and recreation research findings through participation in the development and delivery of tourism seminars, workshops, conferences and publications.

Co-operative Resource Management Institute

Director: Sean Cox BSc (Massachusetts, Lowell), MSc, PhD (Br Col), 778.782.5778 Tel, 778.782.4968 Fax; spcox@sfu.ca <http://www.rem.sfu.ca/crmi>

The Cooperative Resource Management Institute (CRMI) 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 environmental management on campus and from new opportunities and funding for multidisciplinary, collaborative research programs. Graduate students and other young scientists also gain valuable experience working with agency scientists. The agencies involved with the Institute benefit from cooperative work with SFU researchers, often on topics that would otherwise not have been investigated due to staff shortages in the agencies. The Institute has thereby proven to be an excellent example of the classic "win-win" situation.

Faculty of Health Sciences

Centre for Applied Research in Mental Health and Addiction

Director: Benedikt Fischer, PhD (Interim Director as of 01Oct2009) PhD Professor, CIHR/PHAC Chair in Applied Public Health and MSFHR Senior Scholar, 778.782.5148 Tel, 778.782.7768 Fax; info@carmha.ca <http://www.carmha.ca/>

CARMHA is an interdisciplinary research centre based in the Faculty of Health Sciences, SFU, focusing on research, knowledge translation and capacity building activities within the important health areas of mental health and addiction within a public health framework. Its overarching goal is to generate relevant knowledge to promote good mental and substance use related health and reduce the disease burden and social problems related to mental health and substance use problems. Most of CARMHA's projects operate with a strong orientation towards providing evidence to inform policy and practice and are local, provincial, national or international in orientation. On this basis, CARMHA investigators work closely with governments and non-governmental organizations at all levels, service providers (e.g., local health authorities), consumer groups, businesses, and other key stakeholders for the purpose of targeted knowledge translation. As part of its commitment to capacity building, student training is a key priority at CARMHA, and students from undergraduate to post-doctoral levels – mainly from SFU degree programs - form part of the CARMHA staff contingent.

Children's Health Policy Centre

Director: Charlotte Waddell BSc (UBC), MSc (UBC), MD (McMaster), CCFP, FRCPC, Associate

Professor and Canada Research Chair in Children's Health Policy , 778.782.7775 Tel; chpc@sfu.ca <http://www.childhealthpolicy.sfu.ca/>

Located in the Faculty of Health Sciences, we are an interdisciplinary research group that aims to improve children's social and emotional health and reduce health disparities starting in childhood by: 1) creating better connections between research and policy; 2) addressing the determinants of health; 3) preventing disorders in children at risk; 4) promoting effective programs and services for children; and 5) monitoring our collective progress towards improving the lives of all children. (Our constitution and 10-year plan are available on request).

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 and undergraduate students in experimental and computational mathematics; support for post doctoral fellows 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, Magma and Sage); development and contribution of mathematical software to the scientific community; 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.

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.

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 <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.

Behavioural and Cognitive Neuroscience Institute

Co-Director: Dr. Urs Ribary, Director; Professor and Endowed BC LEEF Leadership Chair in Cognitive Neuroscience in Childhood Health and Development, Simon Fraser University (SFU); - Director, Behavioral and Cognitive Neuroscience Institute (BCNI), SFU; - Associate Faculty Member in Pediatrics, Faculty of Medicine, University of British Columbia (UBC); - Associate Faculty Member in Psychiatry, Faculty of Medicine, University of British Columbia (UBC); - Consultant, Neurobiology and Mental Health, Child & Family Research Institute (BC Children's Hospital); - Fellow of the UBC Mental Health Institute and Member of the Brain Research Centre, University of British Columbia (UBC); - Board Director and Chair of MEG Operations, Down Syndrome Research Foundation; - Investigator, Center for Drug Research and Development; Vancouver, Canada. , 778.782.3250 Tel; Co-Director: Dr. Anthony Herdman, Associate Director BCNI, Michael Smith Scholar and Assistant Professor, School of Audiology and Speech Sciences, Faculty of Medicine, University of British Columbia (UBC); - Associate Director, Behavioral and Cognitive Neuroscience Institute (BCNI), SFU; - Affiliated with Down Syndrome Research Foundation; - Affiliated with Child & Family Research Institute (BC Children's Hospital), Vancouver, Canada. website: www.audiospeech.ubc.ca/research/brainlab, 604.827.4853 Tel; urs_ribary@sfu.ca

The BCNI 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 relating to sensory-motor and cognitive brain functions 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 cognitive markers translating into better pedagogical applications and more individual cognitive, pharmacological or surgical interventional therapies. Some of the main objectives of the institute are to: (i) understand the relationships between behaviour, cognition and their neurobiological substrates in Health and Disease. (ii) understand the typical/atypical brain development and life-long plasticity of brain and behaviour. (iii) understand the nature of the deficits and spared capacities that are specific to particular syndromes and developmental disorders. (iiii) develop diagnostic brain-based cognitive markers that can be related and translated into specific cognitive, pharmacological or surgical interventions. (iiiii) co-ordinate consortiums and initiatives to further secure world-class collaborative neuroscience research and analysis procedures to 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; friesen@sfu.ca <http://www.sfu.ca/cerp>

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 objective is to examine the 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 among distinct ethnic and linguistic groups, including off-reserve aboriginal students. 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 <http://www.iereg.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. The Centre also has developed some specific new programs with their own webpages and

publications, such as "learning in Depth," "Whole School Projects," and "Dividing the School in Two."

Centre for Operations Research and Decision Sciences

Director: T. Stephen BMath (Wat), PhD (Mich), 778.782.7429 Tel, 778.782.7488 Fax; tamon@sfu.ca <http://www.surrey.sfu.ca/science/math/cords>

The Centre for Operations Research and Decision Sciences (CORDS) is located at Simon Fraser University Surrey. With more than 20 members, across the departments of mathematics, computing science, statistics, engineering and business, the centre focuses 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

Director: Mary-Ellen Kelm B.A.(Hons)(Windsor), M.A. (SFU), PhD (Toronto), 778.782.7299 Tel, 778.782.5837 Fax; kelm@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.

Centre for the Study of Gender, Social Inequities and Mental Health

Director: Marina Morrow BA, Psychology University of British Columbia MA, Community Psychology OISE/University of Toronto PhD, Community Psychology OISE/University of Toronto Postdoctoral studies Centre for Research in Women's Studies and Gender Relations, UBC and BC Centre of Excellence for Women's Health, BC Women's Hospital and Health Centre , 778.782.6906 Tel; info@socialinequities.ca <http://www.socialinequities.ca/>

The Centre for the Study of Gender, Social Inequities and Mental Health at Simon Fraser University is at the forefront of developing research and sharing knowledge on intersections between gender, social inequities and mental health. We are a hub for scholars from Canada, the US, the UK and Australia, community-based researchers, policy makers, health agencies, practitioners and people with lived experience of mental health and substance use issues who are committed to better understanding and addressing social inequities in mental health. The Centre is funded by the Canadian Institutes of Health Research (CIHR)'s Institute for Gender and Health through a Centres for Research Development program. The Centre for the Study of Gender, Social Inequities and Mental Health (CGSM) has three organizational priorities: (1) Research Development; (2) Knowledge Exchange; and (3) Training, Mentoring, and Capacity-Building. Our researchers and community partners are working together on initiatives to develop programs, policies, and responses to gender, mental health and social inequities under the following five theme areas: 1) Mental Health Policy and Reform, 2) Reproductive Mental Health, 3) Recovery, Housing and Mental Health, 4) Violence, Mental Health and Substance Use and, 5) Criminal Justice System, Mental Health and Substance Use.

Indigenous Research Institute

Co-Director: Eldon Yellowhorn BA, BSc (Univ of Calgary), MA (SFU), PhD (McGill), 778.782.6669 Tel, 778.782.5666 Fax; Co-Director: Tom Perry BA (Wabash), MA, PhD (Indiana), 778.782.3554 Tel, 778.782.5659 Fax; wlindsay@sfu.ca <http://www.sfu.ca/aboriginalpeoples/research.html>

The purpose of the Indigenous Research Institute is (1) to promote research in areas related to Indigenous peoples — in particular, the Aboriginal peoples of Canada — and in a larger context, those of the global community, and (2) to facilitate community-based projects with Indigenous partners. The Institute will promote research by bringing together the expertise of Indigenous individuals, groups, and organizations with that of the academic community, to engage in work that meets goals and objectives that is specified by and meaningful to both Indigenous and academic individuals and groups. A meaningful aspect of this process will be the facilitation of communication between Indigenous individuals/communities and the university. The Institute will also promote collaborative research projects within the university and will seek and support internal and external funding for the promotion and pursuit of such research.

Institute for Canadian Urban Research Studies

Director: P. L. Brantingham AB (Barnard College, Columbia University), MA (Fordham), MSP, PhD (Florida State), 778.782.3515 Tel, 778.782.4140 Fax; pbranting@sfu.ca
<http://www.sfu.ca/icurs>

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 Environmental Learning

Director: David Zandvliet BSc (Guelph), MA (Vic, BC), PhD (Curtin), 778.782.5680 Tel; dbz@sfu.ca <http://www.eco-learning.org/>

The Institute for Environmental Learning will coordinate the research, teaching and communication functions of the B.C. Working Group on Education for Sustainable Development (Walking the Talk), and its newly developed research arm, the UN chartered BC North Cascades Regional Centre for Expertise (RCE) in Education for Sustainable Development (ESD) with its associated research and development activities. The institute aims to develop and support research on environmental learning in communities, schools and post-secondary institutions throughout the Province of British Columbia. Our view is that education is fundamentally about values, with respect at the centre: respect for others, including those of present and future generations, respect for difference and diversity, respect for the environment, and respect for the resources of the planet we inhabit.

Institute for Intersectionality Research and Policy

Director: O. Hankivsky BA (Tor), MA, PhD (W.Ont), 778.782.5182 Tel, 778.782.5288 Fax; oah@sfu.ca <http://www.sfu.ca/iirp>

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. As we have grown, the Institute has moved to the forefront of intersectional scholarship in Canada, and is now able to provide opportunities to collaborate with other organizations, Centres, and Institutes at SFU and beyond who are developing intersectionality as a framework for health research and policy. In order to better reflect the current debates, methods, and perspectives within the field of health research and policy, and to support these emerging opportunities for collaboration across Canada and internationally, in January 2011, we changed our name to the Institute for Intersectionality Research and Policy.

Institute for Values in Policy and Science

Director: Lisa Shapiro BA (Wesleyan), PhD (Univ of Pittsburgh), 778.782.6647 Tel, 778.782.4443 Fax; vips@sfu.ca <http://www.sfu.ca/~vips/index.html>

The Institute for Values in Policy and the Sciences (ViPS) provides a university-wide forum for discussion and research on values within the sciences and public policy. Experts at the cutting edge of scientific research engage with ethicists, philosophers, policy-makers, economists and others to address today's most salient moral issues, such as: sustainability; climate change; technology and privacy; research integrity; population growth and aging; and the diagnosis of disease. ViPS serves the Lower Mainland by hosting a public lecture series, public forums, and discussion groups, as well as facilitating networking and cross-Faculty courses on campus.

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 N/A, 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 in criminal law and the administration of criminal justice, domestically, regionally and globally. Through its activities, the Centre contributes to the priorities of Canada and the United Nations in the field of criminal law and criminal justice.

International Centre of Art for Social Change

Co-Director: C. Snowber BA (SWMass), MA (Gordon-Cornwell), PhD (S Fraser), 778.782.4453 Tel, 778.782.3203 Fax; Co-Director: L. Fels BA (Qu), MA (Car), PhD (Br Col), 778.782.8559 Tel,

778.782.5098 Fax; Co-Director: Judith Marcuse LL.D(Hon.) (Simon Fraser), 778.782.8850 Tel, 778.782.5098 Fax; 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 is a global hub designed to support the growing field of art for social change. Its programs include courses, workshops, public engagement and networking events and research.

International Cybercrime Research Centre (ICRC)

Director: Rob Gordon BA (La Trobe), MA (S Fraser), PhD (Br Col); Professor and Director of School , 778.782.4305 Tel, 778.782.4140 Fax; rgordon@sfu.ca <http://www.sfu.ca/~icrc/>
The International Cybercrime Research Centre opened at the Surrey Campus of Simon Fraser University in the summer of 2008 with significant core funding provided by the Government of British Columbia. Our active research programs are concentrated in the areas of child pornography, criminal networks analysis, and an analysis of on-line sexual predators. The Centre also conducts research into Internet economic crimes such as Warez groups. Forthcoming projects will examine the nature and impact of cybercrime in a large metropolitan area, cyber-bullying, and on-line gambling. In each case our research is being conducted in partnership with law enforcement and other government agencies granting Centre researchers unique access to key data sources. 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.

Nanomed Canada Research Network

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The NanoCommunity Canada Research Network is a growing community of nanotechnology researchers (chemists, physicists, mathematicians and engineers), government organizations, and industry professionals committed to sharing knowledge and working collaboratively to advance research in a breadth of topics in nanotechnology. NanoCommunity Canada is using the momentum behind social networking platforms to create a virtual community, where information can be exchanged and accessed anywhere and anytime. Members will be able to post their nanotechnology related questions to a wide audience of experts and peers in the field. The discussion from the community will give the answers context and offer a fuller understanding of the issues at hand. The content of the site will be amassed through the dialogue and exchange of ideas between members. The membership and expertise will reach out to the fringes of the nanotech community, thus allowing members to tap into a source of information outside of their established network. Features of this network will include a rating system, where members can build credibility in the network through the feedback of their peers. The network will benefit from active users, but also consist of a standing panel of experts. The referral system is built into the network and allows for existing members to refer questions and topics outside of the community to their own network of experts. Thus, this community has potential for growth and will naturally become a leading source for nanotechnology researchers. 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. NanoCommunity Canada will become known as a warehouse of information on Canada's nanotech 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 NanoCommunity Canada for recommendations on obtaining certain types of expertise from universities, and university researchers would contact NanoCommunity Canada to get a list of companies that would be interested in a particular technology that they have patented.

Pacific Institute for the Mathematical Sciences (PIMS)

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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. 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.

TRIUMF – Canada's national laboratory for particle and nuclear physics

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TRIUMF is a joint venture of the University of Alberta, the University of British Columbia, Carleton University, the University of Guelph, l'Université de Montréal, Simon Fraser University, the University of Manitoba, Queen's University, the University of Toronto, York University 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, Nuclear Medicine 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.

Vancouver Institute for Visual Analytics (VIVA)

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The Vancouver Institute for Visual Analytics (VIVA) is a collaboration between Simon Fraser University (SFU), the University of British Columbia (UBC) and The Boeing Company. In 2007, the Boeing Company provided a \$1.30M research grant over 5 years to the University of British Columbia and Simon Fraser University to jointly study visual analytics, with the general goal of discovering how visual analytics might be used within Boeing. In 2010, a similar gift was given to both universities to establish the Vancouver Institute for Visual Analytics (VIVA). VIVA will advance visual analytics in Canada by further promoting the excellent visual analytics research already being conducted in the context of real world problems. VIVA will also build a capacity to train visual analytics human resources at all levels.

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.