



S.10-48

MEMO

Dean of
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TO: Senate

TEL

FROM Wade Parkhouse, Dean, Graduate Studies

A handwritten signature in black ink, appearing to read "Wade Parkhouse", written over a horizontal line.

RE SGSC annual report to Senate 2009

DATE February 11, 2010

For information

Please find attached the 2009 annual report of 2009 for your consideration.

Simon Fraser University
Senate Graduate Studies Committee
Annual Report to Senate for 2009
February 2010

Submitted by Dr. Wade Parkhouse, Dean of Graduate Studies

Composition and Mandate of the Committee

As of the creation of the new faculties, the membership of SGSC consisted of the Dean of Graduate Studies (chair), Librarian (or designate), the Director Graduate Records, Admissions and Registration (non-voting), chairs of the eight faculty graduate studies committees, two graduate students, and the President of the Graduate Student Society. The Dean of Graduate Studies' secretary serves as secretary to the committee and the Associate Dean of Graduate Studies attends as a non-voting resource person.

SGSC has established a regular monthly meeting schedule, in an attempt to spread the workload of the committee more evenly over the year.

SGSC is responsible to Senate for admissions (delegated to the Dean), maintenance of academic standards, changes to existing programs, evaluation of new programs and administration of the graduate general regulations. SGSC approves admissions under Special Arrangements (via a subcommittee), and may act as an appeal body for student progress reviews (via a subcommittee).

Graduate Studies at Simon Fraser University

In 2009 masters programs and doctoral programs were being offered in each faculty (except the Faculty of Health Sciences, although a PhD proposal is under review for that Faculty). Graduate diploma programs are offered in most faculties. In addition, the Dean of Graduate Studies office administers the Special Arrangements Program that provides a home for students with individual interdisciplinary programs of study and research (limited to 40 students). Summary statistics on enrollments and awarding of degrees are available from the Office of Institutional Research web site (see Appendix A of this report for data on enrollments and Appendix B credentials awarded).

Enrollment and Graduation

Graduate enrollments in degree programs increased steadily from the late 1980's to the mid-1990's, remained relatively stable for a few years, and saw renewed increases since 2000 (see Appendix A). The recent increases in graduate degree enrollments early in this decade were due to a combination of factors: the development of new programs (such as the Masters of Public Policy or the MBA in Global Asset Wealth Management), the addition of programs at Surrey, the "Double the Opportunities" funding from the

provincial government, and the recruitment of graduate students by new faculty members as they established their research programs.

Total enrollments increased again in 2009 (5% increase fall 2008 to fall 2009) with degree program students increasing 8%. Data on credentials awarded are presented in the Appendix B. Detailed information on PhDs awarded in 2009 are contained in Appendix D.

Senate Graduate Committee Activities in 2009

The Assessment Committee for New Graduate Programs (ACNGP) was eliminated by Senate in 2009 and responsibility for the detailed assessment of new graduate degree programs, of which the most important element is an external review process, is now entirely performed by SGSC. The Associate Dean of Graduate Studies is responsible for managing the detailed review of all new graduate program proposals.

There is a two-stage process for approving new degree programs. A notice of intent and preliminary proposal are approved by SGSC and SCUP. The full program proposal is developed, reviewed and then approved by SGSC, SCUP and Senate. Graduate diploma programs and Graduate Certificates are approved by SGSC, SCUP and Senate.

In 2009, no new degree programs were given preliminary approval by SGSC. However, a Certificate in Modeling of Complex Social Systems and a Certificate in Neuroscience were approved and forwarded on to SCUP. The proposal for a PhD in Health Science was reviewed and is currently under external review. A summary of all new programs since 1981 is provided in Appendix C. Meetings and content are described in the attached spreadsheet (Appendix E). Numerous minor program details were approved.

Funding for graduate students

Financial support for graduate students improved significantly in 2009 with a substantial increase to the Graduate Scholarship, Bursaries and Awards budget allowing us to provide significant recruitment awards to academic units. The province continued to commit to fund graduate students through a variety of new programs, most notably the Pacific Century Graduate Scholarships (\$500k per annum for four years to SFU students).

Total awards held in fall 2009 from federal granting councils are summarized in the following table. The Vanier Scholarship program only came into effect in 2009. In 2009, 244 students were receiving tri-council funding as opposed to 218 students in 2008. Total SSHRC awardees totaled 114 as opposed to 86 in 2008. Total NSERC awardees totaled 98 as opposed to 110 in 2008 with a greater number of students receiving the higher value CGS-D. Total CHIR awardees totaled 27 as opposed to 22 in 2008.

Details can be found in the following table.

Tri-council Funding Summary

	SSHRC MA	SSHRC PhD	SSHRC CGS-D	NSERC PGS-M	NSERC CGS-M	NSERC PGS-D	NSERC CGS-D	CIHR CGS-M	CIHR PhD	CIHR CGS-D	Vanier
Value	\$17.5K	\$20K	\$35K	\$17.3K	\$17.5K	\$21K	\$35K	\$17.5K	\$21K	\$30K	\$50K
1 st Yr	52	15	18	20	24	6	12	14	0	4	5
Yrs 2-4	na	9	20	1	na	25	10	2	1	6	
Total 2009	52	24	38	21	24	31	22	16	1	10	5
Total 2008	32	23	31	32	24	40	14	13	3	6	n/a
Total 2007	42	25	19	34	15	27	8	6	4	n/a	n/a

Appendix A. Graduate Enrollment

Note: figures refer to headcounts

Graduate enrollments (headcounts in fall semester)

Faculty	99	00	01	02	03	04	05	06	07	08	09
FASS	466	452	476	574#	606	621	644	646	624	701	425
Degree									618	680	410
GD									1	0	N/A
FAS	752	730	769	755	817	871	944	953	995	1,032	983
Degree									968	1003	953
GD									9	13	17
Business	296	344	416	438	453	354	363	374	359	436	480
Degree									262	325	377
GD	57	60	103	130	101	115	103	98	92	104	101
FCAT											275
Degree											262
Education	451	641	1124\$	1279	1078	1051	1192	1516	1579	1,366	1329
Degree									738	742	808
GD	0	155	608	721	607	603	630	778	830	616	515
Environment											181
											169
Health Sci							18	56	105	142	161
Degree									96	135	154
GD									4	2	4
Science	393	393	432	450	476	501	505	544	550	589	630
Total Degree									536	571	607
Total *	2358	2560	3217	3445	3429	3401	3666	4089	4211	4265	4462
% change	0.9	8.6	25.7	7.1	-0.5	-1%	8%	12%	3%	1%	5%
Degree **	2301	2345	2506	2594	2706	2680	2889	3154	3218	3456	3740
%change	-1.6	1.9	6.9	3.5	4.3	-1%	8%	9.2%	2.8%	1%	8%

* total headcount of all graduate students, including those enrolled in diploma programs, plus exchange, non-degree, and qualifying students.

** total headcount of programs degree programs

the sudden increase is due to the incorporation of graduate programs from the former Technical University of BC

\$ the sudden increase is due to the conversion of the post-baccalaureate diploma in Education to the Graduate Diploma in Education

Appendix B. Credentials awarded by fiscal year

Faculty/credential	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Applied Sciences												
Masters	74	56	66	68	72	90	82	112	113	128	124	91
Ph.D.	20	15	16	22	11	15	14	16	18	23	25	26
Arts												
GD						2					6	7
Masters	122	104	138	134	140	139	146	154	181	198	202	231
Ph.D.	40	26	38	24	28	29	15	24	27	29	36	42
Business Administration												
GD	0	0	26	27	66	80	55	92	30	66	61	50
Masters	126	113	132	119	144	164	163	167	132	147	83	127
Ph.D. (SAR 02/03)						1			2		0	0
Education												
GD	0	0	0	0	3	287	332	265	174	81	88	95
M.Ed.	116	151	121	94	104	117	166	129	63	176	156	224
Other Masters	33	48	22	21	20	19	31	26	33	20	16	44
PhD/EdD	8	13	13	7	13	14	11	11	14	20	26	25
Health Sciences												
GD											2	2
Master's										14	16	25
Science												
Masters	55	57	49	51	61	60	66	63	65	85	65	65
Ph.D.	33	21	41	26	28	23	27	34	34	32	46	45
Total degrees	627	604	636	566	621	671	705	736	682	872	790	945
Total masters	526	529	528	487	541	589	638	651	587	768	662	807
Total doctoral	101	75	108	79	80	82	67	85	95	104	128	138
% Ph.D.	16.1	12.4	17.0	14.0	12.9	12.2	9.5	11.5	13.9	11.9	19.3	14.6

Appendix C. New degree program activity

Year of ACNGP approval	Program
1981	PhD, Education
1982	PhD, Computing Science
1983	PhD, Communication
1984	PhD, Criminology
1984	MA, Women's Studies
1984	MEng, Engineering
1984	MASc, Engineering
1985	MSc, Statistics
1985	MBA, Business Administration
1990	PhD, Engineering
1990	MPub, Publishing
1992	MA, Latin American Studies
1994	MA, Gerontology
1994	PhD, Linguistics
1994	PhD, Resource and Environmental Management
1994	MSc, Molecular Biology and Biochemistry
1994	PhD, Molecular Biology and Biochemistry
1995	MSc, Earth Sciences
1995	PhD, Political Science
1996	EdD, Education
1997	MET, Biological Sciences
2000	MBAMOT, Business Administration
2002	Masters of Public Policy
2002	PhD, Women's Studies
2003	PhD, Earth Sciences
2004	PhD, Business Administration
2004	MA, Interactive Arts and Technology
2004	MSc, Interactive Arts and Technology
2004	PhD, Interactive Arts and Technology
2004	MBA Global Assets and Wealth Management
2004	Master of Urban Studies
2005	MA Educational Technology
2005	PhD Educational Technology
2005	MSc Population and Public Health
2005	Graduate Diploma in Foundations of Global Health Studies
2007	Master of Financial Risk Management
2007	Master of Digital Media (Great Northern Way Campus)
2007	PhD, Gerontology
2007	Master of Arts in Applied Legal Studies
2008	Master of Arts (International Studies)
2008	Master of Arts in Humanities

Appendix D. PhD Graduands 2009 with thesis titles

Faculty	Program	Last Name	First Name	Thesis Title
Education	EDUC-PhD	Mamolo	Ami Maria	Glimpes of Infinity: Intuitious, Paradozes and Cognitive Leaps
Science	Physics	Kardasz	Bartlomiej	Anisotropies and spin dynamics in ultrathin magnetic multilayer structures
Applied Sciences	Communication	Hamilton	Edward	The automatic student and the robot professor: Online education and the politics of university reform
Science	Chemistry	Celinbas	Murat	Quantum Decohorence by Chaotic Environments: Theory and Application
Applied Sciences	Computing Science	Fraser	Brian	STPES - FIRST: A Systematic Inference System with Facts and Rules Stored as Activation Patterns
Science	Chemistry	Han	Xu (Alissa)	Thermally - Reactive Conjugated Polymers
Science	Chemistry	Schulz	Gisela	Effect of Incorporating Iridium in Conjugated Polymers on Light-Emitting and Photovoltaic Properties
Arts & Social Sciences	History	Turcalo	Davide	Making Sense of Anarchism: The Experiments with Revolution of Errico Maleatesta, Italian Exile in London, 1889 - 1900
DGS	Special Arrangements	Krueger	Guenther	"Unclear Across a Barren Landscape": Parents' Experience with the Aftermath of Sudden Infant Death Syndrome
Arts & Social Sciences	Criminology	Wheeldon	Johannes	Mapping International Knowledge Transfer: Latvian-Canadian Cooperation in Criminal Justice Reform
Education	EDD	Jacques	Lynn	The Confluence of Theory, Practice, and Geography: Leadership of the Small, Rural College Within the Diverse Environment of Northern British Columbia
Science	MBB	Mah	Allan	Transcriptional regulation of Caenorhabditis elegans excretory-expressed genes by the POU homeobox transcription factor CEH-6
Applied Sciences	Computing Science	Karimi	Mohammad Mahdi	Minimum Cost Homomorphisms to Digraphs
Business Administration	BUS PhD (Finance)	Zabolotnyuk	Yuriy	Three essays on the pricing of convertible bonds and on put-call parities
Science	Biological Sciences	Tank	Suzanne	Sources and cycling of dissolved organic carbon across a landscape of arctic delta lakes
Applied Sciences	Engineering Science	Niroumand	Amir	PEM Fuel Cell Low Flow Rate Diagnostics
Science	MBB	Lee	Wendy	HIPk: a versatile regulator of multiple signaling networks in Drosophila development
Applied Sciences	Communication	Nair	Meera	From Fair Dealing to Fair Duty: The Necessary Margins of Canadian Copyright Law
Science	Physics	Buker	John	The electroluminescence and scanning tunneling microscopy of single molecules

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Appendix D. PhD Graduands 2009 with thesis titles

Arts & Social Sciences	Economics	Yi	Xue	Three Essays on Market Microstructure and Financial Econometrics
Science	Physics	Zhou	Xiaoqing	Microwave flux-flow impedance measurements of type-II superconductors
Arts & Social Sciences	Psychology	Gelb	Shannon	Neuropsychological and Everyday Predictors of Medication Adherence and Employment Status Following Kidney Transplantation
Business Administration	Business	Masud	Chand	How does the Indian Diaspora Help Drive Trade and Investment Ties between India & North America
Education	Education-Leadership Prog	Howman	Cynthia	Preparing Student Affairs Leaders For Canadian Colleges and Universities: Do the CAS Standards for Graduate Preparation Programs Apply?
Applied Sciences	Communication	Jagosh	Justin	Revising the Formal, Retrieving the Hidden: Undergraduate Reform in Medicine and the Scientific, Institutional, & Social Transformation of the Clinical Training Environment
Education	Education	Philpott	Rhonda Joy	Exploring New Teachers' Understandings and Practice of Social Justice Education
Education	Education	Edwards	Barbara Jean	It Takes A Village: Perceptions of the SFU Education Research Assistant Experience
Applied Sciences	Computing Science	Liu	Rong	Spectral Mesh Segmentation
Education	Education	Hibbitts	Patricia	We Do This For The Next Child: A Mother's Phenomenological Auto Narrative Inquiry Into Experiencing Her Children's Schools
Science	Molecular Biology and Biochemistry	Lau	Matthew	A Comprehensive Study of Ribozyme-Mediated Nucleotide and Sugar Chemistries
Arts & Social Sciences	Economics	Dong	Mei	Three Essays on Monetary Economics
Education	Education	Friesen	Heather Lynn	Post-Secondary Persistence and Participation: Does Neighborhood Matter?
Science	Mathematics	Poon	Ka Fai (Philip)	Dynamics of the Nikolaevskiy and Related Equations
Arts & Social Sciences	Criminology	Perkins	Charmaine	"Witnessing" as human rights praxis: Re-mediating social responsibility
Education	Education	Harris	Barbara Jane	Aboriginal Educators' Experiences as Learners and as Teachers in Schools of Social Work
Science	Mathematics	Coons	Michael	Some Aspects of Analytic Number Theory: Parity, Transcendence, and Multiplicative Functions
Science	Molecular Biology and Biochemistry	Wang	Qing (Sunny)	Ribozyme Structure and Functional Studies Using Recombination Based Evolution and Biochemical Methods
Science	Mathematics	Meichsner	Alan Gregory	The Integer Chebyshev Problem: Computational Explorations
Education	Education	Chodakowski	Anne Victoria	Teaching Made Wonderful: Rethinking Teacher Education With Imagination In Mind

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Arts & Social Sciences	Psychology	Gordon	Heidi	The Influence of Directed Forgetting on Autobiographical Memory: The Role of Development, Individual Differences, and Repeated Interviews.
Science	MBB	Morgan	Langille	Computational prediction and characterization of genomic islands: insights into bacterial pathogenicity
Arts & Social Sciences	Linguistics	Li	Chi-Nin (Herman)	Perception of Foreign-Accented Clear Speech by Younger and Older English Listeners
Arts & Social Sciences	Archaeology	Michaels	Gina	Poverty, Chastity and Obedience: Monastic Masculinities in Spanish Colonial Riobamba
Applied Sciences	Engineering Science	Huang	Yifeng	Motion Planning with Local and Reusing Uncertainty for a Mobile Manipulator
Applied Sciences	Engineering Science	Bavarian	Sara	Cooperative Base Station Processing in Multidimensional Interference
Arts & Social Sciences	Geography	Wright	Nicole	Water and Energy Fluxes from a Permafrost Peat Plateau: Examining the Controls on Runoff Generation
Arts & Social Sciences	Psychology	Gagnon	Nathalie	Mental Health Screening in Jails
Education	EDD	Hughes	Nym	It Unfolded Quite Wonderfully: A History of the Certificate in Conflict Resolution at the Justice Institute of British Columbia 1983-1993
Arts & Social Sciences	Geography	Collins	Patricia	Exploring the Roles of Urban Municipal Governments in Addressing Population Health Inequities: Prescriptions, Capacities, and Intentions
Science	Biological Sciences	Aung	Theingi Soe Taing	Regulation of Alpha-Dioxygenase expression and functional analyses in salt-stressed Arabidopsis thaliana
Science	Physics	Gilberg	Dag	Discovery of Single Top Quark Production
Applied Sciences	Computing Science	Roosbeh	Farahbod	CoreASM: A Modeling Framework & Tool Environment for High-level Design and Analysis of Distributed Systems
Education	Education PhD	Ramsay	Loma	Pedagogy of Embodied Voice: Reflective Arts Performance in Special Needs and Teacher Education
Science	Mathematics	Ardal	Hayri	Some Coloring Problems in Ramsey Theory
Science	Chemistry	Xin	Zhang	Deposition of Metal Oxide Films and Nanostructures by Methods Derived from Photochemical Metal Organize Deposition
Arts & Social Sciences	Political Science	Joshi-Koop	Sima	"Divided Loyalties, Many Hats, and Punctuated Worlds: The Challenges of Political, Administrative and Stakeholder Collaboration for Federal Public Servants in Canada"
Applied Sciences	Communication	Coulter	Natalie Helen	Tweening the Girl: The Crystalization of the Tween
Science	Molecular Biology and Biochemistry	Solomon	Jennifer	Hematopoietic cells as delivery vehicles to the central nervous system: a gene therapy for amyotrophic lateral sclerosis
Science	Molecular Biology and Biochemistry	Qasim	Rasi	Deciphering the role of a microtubule severing protein and a protein kinase in cell cycle and ciliogenesis in Chlamydomonas reinhardtii

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Appendix D. PhD Graduands 2009 with thesis titles

Education	Education	Chernoff	Egan	Subjective Probabilities Derived from the Perceived Randomness of Sequences of Outcomes
Science	Biological Sciences	Schuetz	Mathias	The Roles of Auxin Signaling and Transport in Leaf Initiation and Vascular Pattern formation in Arabidopsis thaliana
Applied Sciences	Computing Science	Bastani	Behnam	Spectral Analysis of Output Devices, from Printing to Predicting
Special Arrangments	Linguistics	Russell	Susan	Ways of Talking Halkomelem: Interaction in Classroom Procedural Talk
Science	Chemistry	Katz	Michael	Rational Design of Closed Shell, Dicyanoaurate-Containing Coordination Polymers For Materials Applications
Education	Education	Thepphasoulthone	Phonesavanh	Reforming Teacher Education in Lao People's Democratic Republic
Applied Sciences	Engineering Science	Pfeiffer	Nicholas	Imaging of Turbid Media using Trajectory Filter Methods
Science	Statistics & Actuarial Science	Sayre	Eric	Variable-Weighted Ultrametric Optimization for Mixed-Type Data: Continuous, Ordinal, Nominal, Binary Symmetric and Binary Asymmetric
Environment	Geography	Bone	Christopher	"Integrating Complexity Science And Artificial Intelligence: GIS, Agents and Reinforcement Learning for Modeling Forest Cover Change"
Science	Physics	Li	Wenjie	Hot electron transport through molecular diodes
Arts & Social Sciences	Archaeology	Mundorff	Amy	Human Identification Following the World Trade Centre Disaster: Assessing Management Practices for Highly Fragmented and Commingled Human Remains
Environment	Geography	Connelly	Sean	Un-Locking The Potential for Change: Community Mobilization for Sustainable Community Development
Arts & Social Sciences	History	Leach	Christopher	Scarlet and khaki, fire and steel: Representatives of warfare in British Mass Culture, 1870-1914
Education	Education	MacLean	Janet	Re-Drawing the Line: Whole Inclusion Through the Arts
Arts & Social Sciences	Psychology	Green	Jessica	Neuropsychological Markers of the Control and Deployment of Attention
Applied Sciences	Computing Science	Vajihollahi	Mona	Computational Modeling and Formal Analysis Techniques in Interdisciplinary Studies of Complex Systems
Arts & Social Sciences	Sociology/ Anthropology	Wangsgard	David	Here we are all brothers: Gender relations and the construction of masculine
Communication, Art & Technology	Interative Arts & Technology	Qian	Zhenyu Cheryl	Design Patterns: Augmenting Design Practice in Parametric CAD Systems
Science	Molecular Biology and Biochemistry	Inglis	Peter	Intraflagellar Transport in Caenorhabditis elegans: Identification of Novel Proteins and Behavioural Functions
Education	Education	Bespflug	Kevin	The Elementary School Musical as an Authentic, Integrated Performing Arts Experience

Appendix D. PhD Graduands 2009 with thesis titles

Education	Education	Morton	Gerald	How British Columbia School Superintendents Manage Data
Education	Education	Billy	Janice	The Development of An Education/Training Model Based on Secwepemc Language, Culture, Values, Beliefs, and Way of Life
Education	Education	Stokes	Jacqueline	Practice Wisdom in Child Protection Decision Making
Science	Chemistry	Asanuma	Hidehiko	Bioreactive Semiconductor Surfaces: Preparation and Characterization
Applied Sciences	Computing Science	Haffari	Gholamreza	Machine Learning Approaches to Dealing with Limited Training Data in SMI
Applied Sciences	Computing Science	Hu	Yuzhuang	Approximation Algorithms for the Capacitated Vehicle Routing Problem
Environment	Geography	Ettya	Aviv	Integrated Multitemporal and Multiangular High Spatial Resolution Image Classification"
Science	Earth Science	Mauri	Guillaume	Multi-Scale Analysis of Multiparameter Geophysical and Geochemical Data from Active Volcanic Systems
Applied Sciences	Computing Science	Wang	Yang	Learning Structured Models for Human Actions and Poses
Applied Sciences	Biological Sciences	Jamieson	Sarah Emily	Cross-Seasonal Factors Affecting Breeding Investments by Female Pacific Dunlins
Science	Biological Sciences	Gorman	Kristen Fay	The 'Curveback' Guppy as a Model for Human Idiopathic-Type Spinal Curvature
Arts & Social Sciences	Psychology	Griffiths	Stephanie	The Early Development Context and Course of First Episode Psychosis
Science	Statistics & Actuarial Science	Zhao	Lihui	Multi-State Processes with Duration-Dependent Transition Intensities: Statistical Methods and Application
Applied Sciences	Computing Science	Moser	Flavia	Data Mining for Feature Vector Networks
Communication, Art & Technology	Interative Arts & Technology	Ivanov	Alexander	The roles of instrumentality, enjoyment, and interface design in predicting meeting satisfaction from idea generation and evaluation with a group support system
Science	Chemistry	Gong	Yongmei	Binding mechanism of pheromone-binding proteins from the gypsy moth. <i>Lymantria dispar</i>
Arts & Social Sciences	Archaeology	Speller	Camilla	Investigating Turkey Domestication in the Southwest United States
Science	Chemistry	Hossany	Bibbi Rehana	Peptide-Carbohydrate Mimicry: Synthesis and Immunological Evaluation of Experimental Bacterial Vaccines
Environment	Geography	Bell	Nathaniel	A spatial epidemiology of trauma: social and spatial perspectives toward injury
Special Arrangments	Sociology/ Anthropology	McIntosh	Linda	Textiles of the Phu Thai of Laos

Appendix D. PhD Graduands 2009 with thesis titles

Applied Sciences	Computing Science	Skvortsov	Evgeny	Theoretical Analysis of Practical Heuristics
Science	Molecular Biology and Biochemistry	Simms	Carrie Leanne	Investigations of the role of let-765/nsh-1 in signalling pathways during C.elegans development
Applied Sciences	Computing Science	Hua	Ming	Ranking Queries on Uncertain Data
Communication, Art & Technology	Interative Arts & Technology	Bratt	Sharon	Development of an Instrument to Access Pedagogical Utility in e-Learning Systems
Applied Sciences	Computing Science	Frank	Richard	An Aggregation-Based Multi-Relational Approach to Spatial Classification
Arts & Social Sciences	English	Latimer	Heather	Reproducing and Representing Reproductive Politics in Contemporary North American Texts
Business Administration	Business	Masri	Kamal	Conceptual Model Design for Better Understanding
Arts & Social Sciences	Psychology	Conrad	Brent	Terror Management Theory and the Impact of Individual and Collective Mortality Salience on Symbolic and Literal Immortality Beliefs
Education	Education	Clelland	Debbie Ann	Needs for Information and Concerns of Parents of Gifted Children in Four Candian Provinces
Science	Biological Sciences	Joy	Jeffrey Bruce	Macro and micro evolutionary determinants of diversification in cecidomyid flies
Arts & Social Sciences	Economics	Morgan	Horatio Marv	Three Essays in Applied Financial Econometrics
Education	Education	Jefts	Cheryl	Scholarly Activiity in British Columbia's Community Colleges: Senior Administrators' Perspectives
Education	Education	Shaw	Catherine (Cathi)	Finding Voice in the Border Space: An Examination of the Foundations of Academic Literacy Course at Stimon Fraser University
Communication, Art & Technology	Communication	Khan	Shamshad	HIV/AIDS, Public Health, and the Indian State: A Colonial Design?
Applied Sciences	Computing Science	Liu	Yudong	Semantic Role Labeling using Lexicalized Tree Adjoining Grammars
Education	Education	Parker	Julie	(Learning Enhancement) statutes Amendment Act on Elementary Special Education in a Mid-Sized School
Arts & Social Sciences	Psychology	Obsuth	Ingrid	The Role of Attachment and Affect Regulation in Aggressive Behaviour. Concurrent and Prospective Effects Among At-Risk Adolescents
Science	Physics	Liu	Zhiyi	Measurement of Single Top Quark Production in the Tau+jets Cannel Using boosted Decision Trees at DO
Arts & Social Sciences	Linguistics	Wiesemann	Loreley Marie	The function of Spanish and English relative clauses in discourse and their segmentation in Centering Theory
Communication, Art & Technology	Communication	Milberry	Kate	Geeks and Global Justice: How Tech Activists Appropriate Internet Technology for Progressive Social Change

Appendix D. PhD Graduates 2009 with thesis titles

Education	Education	Glen	Carla	Spectacle, Shock, and Surfacing (Considering the Practice of Installation Art To Make Meaning of Everyday Life in a Technologically Driven Visual Culture World)
Arts & Social Sciences	Psychology	Bernstein	Dagmar	The Role of Behavioural Inhibition in Preschoolers' Emotion Understanding
Education	Education	Provencal	Johannes	Knowledge Mobilization of Social Sciences and Humanities Research: Moving Beyond a "Zero-Sum Language Game"
Communication, Art & Technology	Communication	Zhang	Tracy Ying	Carpet Worlds: The Cultural Representation and Production of Tibetan Carpets
Science	Molecular Biology and Biochemistry	Syrzcka	Monika Anna	Genetic and molecular characterization of genes in heterochromatin of chromosome 3 in <i>Drosophila melanogaster</i>
Education	Education	Reeves	Joselyn Diane	The Impact of Dialogue Group Participation on Teachers' Relational Pedagogy and Climate in Their Classrooms
Communication, Art & Technology	Interative Arts & Technology	Botta	David	Remembering Design
Education	Education	Brown	Curtis	School Leadership in the Canadian North: A Case Study of School Improvement in the South Slave Divisional Education Council
Applied Sciences	Computing Science	Shi	Lilong	Novel Colour Constancy Algorithms for Digital Colour Imagery
Applied Sciences	Computing Science	She	Rong	Fast and Accurate Gene Prediction by Protein Homology
Science	Chemistry	Al-Atar	Usama	Materials Characterization of Kidney Stones and Biological Applications of Molecular Switches
Education	Education	Trotter	Lane	Building Boards: a qualitative Analysis of the Perceptions of the Role of External Governors on University Governing Boards
Education	Education	McRae	Heather Ann	In Search of Common Space: Exploring University Continuing Education's Role in Civic Engagement
Arts & Social Sciences	Psychology	Ius	Jessica	The Association Between Attachment Strategies and Risk for Stalking
Education	Education	Saltel	Lonny	A Study of the English Teachers' Association of British Columbia, 1959-2000
Education	Education	Ursu	Catalin Florin	Metamorphosis: A Pedagogical Phenomenology of Music, Ethics, and Philosophy
Science	Biomedical, Physiology & Kinesiology	Laronde	Denise	Improving Detection of Oral Premalignant Lesions in Patients in High-Risk Clinics and Community Dental Practices through Improved Visualization

Appendix E. Senate Graduate Studies Committee Activities in 2009

Mo.	Day	FAC	Program	GSCode	Subject matter	Type	Action	Pending	Date FW	to SCUP	to Senate	Notes	
Jan	12	SCI	PHYS	2008.47	PHYS 801-grading change								
		BUS	BUS	2008.55	BUS 717-1.5 grading change	grading change	passed		1/16/2009		S.09-42		
		SCI	PHYS	2008.55	Minor course changes: PHYS 810-3, 811-3, 812-3	minor course changes	passed		1/16/2009		S.09-42		
		SCI	PHYS	2008.55	MSc course work requirements	calendar change	passed						
Feb	9	APSC	ENSC	2009.01	New course ENSC 808	new course	passed		2/10/2009		S.09-39		
		APSC	REM	2009.01	New courses: REM 667-3, 668-3	new course	passed		2/10/2009		S.09-39		
		HSCI	HSCI	2009.01	New courses: HSCI 774-3, 775-3, 776-3, 777-3, 778-3, 807-3, 838-3, 839-3, 846-3, 847-3, 848-3, 849-3, 850-3	new course	passed		2/10/2009		S.09-41		
Mar	9	APSC	SIAT	2009.02	MA, MSC, PhD description and degree requirements	calendar change	passed		2/10/2009		S.09-29		
		APSC	REM	2009.02	PhD description and degree requirements	calendar change	passed		2/10/2009		S.09-29		
				2009.03	Change to composition of SGSC (SCAR)	committee change	passed		2/11/2009		S.09-44		
				2009.04	Change to GGR 1.6.3 Senior Supervisor	calendar change	passed		3/11/2009		S.09-53		
				2009.04	Change to GGR 1.6.4 Supervisory Comm.	calendar change	passed		3/11/2009		S.09-53		
				2009.04	Change to GGR 1.9.1 Exam.Comm.for MA (1.10.5 and 1.10.6 deleted with essential elements incorporated into 1.9.1)	calendar change	passed		3/11/2009		S.09-53		
				2009.05	Change to graduate fees	calendar change	passed		3/2/2009				
				2009.06	Change to composition of ACNGP (SCAR)	committee change	passed		3/12/2009		S.09-57		
			EDUC	ETLD	2009.07	Change to required crses,calendar descrip.	calendar change	passed		3/11/2009		S.09-54	
			EDUC	Math (Secor)	2009.07	Change to core courses;prog. Description	calendar change	passed				S.09-54	
Apr	no mtg												
					External Review/Response to External Review						SCUP 09-19		
					No Senate numbers assigned								
June	8	FASS	HUM	2009.09	MA in HUM - New course proposal	new program	passed		6/22/2009	SCUP 09-34		cleared AOC/BOG 9.17.2009	
		HSCI	PhD	2009.10	PhD program	new program						back to dept	
				2009.11	New Graduate Awards/Provost Intl and Provost Doctoral Prize of Distinction	new medals	passed					sent to SPSCAB. Passed June 15.09	
		HSCI	HSCI	2009.12	New courses: HSCI 851-3;887-0,888-6	curriculum revisions	passed		6/18/2009		S.09-94		

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Appendix E. Senate Graduate Studies Committee Activities in 2009

Mo.	Day	FAC	Program	GSCode	Subject matter	Type	Action	Pending	Date FW	to SCUP	to Senate	Notes
		BUS	BUS	2009.13	Financial Risk Mgt Prog-calendar revision to graduate degree requirementsChange to list of courses	calendar change	passed		6/18/2009		S.09-92	.13 and .14 switched. July 7.09 Bobbre corrected. Dept received email noting number correction.
		FCAT	SIAT	2009.14	Course deletions: IAT830-3,831-3,840-3	calendar change					S.09-93	
July	13	HSCI	HSCI	2009.15	Minor course changes: HSCI 900-1,901-1	curriculum revisions	passed		7/17/2009		S.09-105	
				2009.16	Articulation of Masters and Doctoral degrees and Proficiencies of Graduates			no action at this time.				
		SCI	CHEM	2009.17	New course: CHEM 808-3	curriculum revisions	passed		7/17/2009		S.09-106	
					CHEM PhD-change to course work	curriculum revisions	passed		7/17/2009			
		APSC		2009.18	MoCSSy (Interdisciplinary certificate)	new program	passed			SCUP 09 46	S.09-119	
					Modelling of Complex Social Systems							
		HSCI	HSCI	2009.19	New courses: HSCI 865-1,866-3,868-3,889-3 and BISC 867-3 (formerly listed as HSCI 867-3-various changes required. To be approved at future meetings.			decision deferred				
Aug	10	EDUC	EDUC	2009.20	EDUC 799-3 change to prerequisites	curriculum revisions	passed		9/14/2009		S.09-111	
		EDUC	EDUC	2009.21	EDUC 878-5 (deletion from core electives)	curriculum revisions	passed		9/14/2009			
		EDUC	EDUC	2009.22	EDUC 835-5 new course	curriculum revisions	passed		9/14/2009			
		APSC	CMPT	2009.23	MSc course based option	curriculum revisions	passed		9/14/2009		S.09-110	
				2009.23	New course: CMPT896-0 MSc Course				9/9/2009		S.09-110	
					Option/addition MSc course-based option							
		EDUC	EDUC	2009.24	Graduate Certificate in Educational Leadership	new program		Tabled				
Sep	14			2009.24	came back to Sep mtg-not to recommend to SCUP approval of certificate as currently proposed			Not Recmnd to SCUP				
		BUS	BUS	2009.25	Calendar revision: BUS 812-3 (change of credit hrs)	curriculum revisions	passed		9/24/2009		S.09-127	
		FCAT	Mpub	2009.26	Minor change to calendar description. Change to course description for all and title change (where specified): PUB 601-4;602-4(title);605-5;606-4;607-4; 800-4 (title);801-4 (title);802-4 (title)	curriculum revisions	passed		9/24/2009		S.09-128	
		APSC	CMPT	2009.27	CMPT 891-3 -removal as pre-req and deletion from course calendar	curriculum revisions	passed		9/24/2009		S.09-126	
		SCI	CHEM	2009.28	Change of Admission Requirements; 3.00 to 3.:	curriculum revisions		tabled				

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Appendix E. Senate Graduate Studies Committee Activities in 2009

Mo.	Day	FAC	Program	GSCode	Subject matter	Type	Action	Pending	Date FW	to SCUP	to Senate	Notes
Oct	19	HSCI	HSCI	2009.29	NOI: Grad Diploma in Public Health Practice	new diploma		referred back to HSCI				
		SCI	MBB	2009.30	New course: MBB 566-3 (Infectious diseases)	curriculum revisions	passed				S.10-11	
		HSCI	HSCI	2009.31	program changes-MSc, MPH	curriculum revisions	passed		11/22/2009		S.09-152	
				2009.32	Minor course changes: GLOH 540-4 (deletion), HSCI 888-6 (deletion); HSCI 821-3 and 822-3 (title changes)	curriculum revisions	passed					
					Infectious diseases	curriculum revisions	passed					
Nov	9	SCI	SCI	2009.33	Neuroscience Graduate Certificate	new certificate		referred back				
		FASS	CRIM	2009.34	Course deletion: CRIM 840-3; calendar changes for: MA Thesis, Course Practicum and Project, PhD, MA in Applied Legal Studies (Notary)	curriculum revisions	passed		11/18/2009		S.09-149	
			ECON	2009.34	Changes to required courses, calendar change for PhD Degree requirements	curriculum revisions	passed				S.09-149	
			ENGL	2009.34	New course: ENGL 829-4	curriculum revisions	passed				S.09-149	
			GERO	2009.34	changes to PhD comp exams	curriculum revisions	passed				S.10-10	
			IS	2009.34	New course: IS 830-4; title for 802-4; Deletion of IS803-4; grading change for IS 889-3; program requirement change for MA- Streams A & B	curriculum revisions	passed				S.09-149	
			LS	2009.34	Title changes for LS 800-5 and 801-5	curriculum revisions	passed				S.09-149	
			POL	2009.34	New course: POL 803-5	curriculum revisions	passed				S.09-149	
			PSYC	2009.34	Calendar changes for: Overview of Grad Training, Application and Admission Requirements; Program Continuance-Satisfactory Performance;Area Specializations;Clinical Psyc Area; Breadth/Domain Requirements	curriculum revisions	passed				S.09-149	
		BUS	BUS	2009.35	Minor course changes to MBA: 712-3 and 713-3; EMBA 652-2	curriculum revisions	passed		11/18/2009		S.09-150	
		ENV	ENV	2009.36	New course: ENV 645-5 ST for faculty	curriculum revisions	passed		11/18/2009		S.09-151	
		SCI	BISC	2009.37	New courses: BISC 820-3	curriculum revisions	passed		11/18/2009		S.09.153	
		SCI	EASC	2009.37	New courses: EASC 601-3 and 602-3			more info required				
Dec	14	SCI	SCI	2009.33	Neuroscience Graduate Certificate	new certificate	passed		1/8/2010	SCUP10-19		
		SCI	EASC	2009.37	New courses: EASC 601-3 and EASC 602-3	curriculum revisions	passed		12/17/2009		S.10-11	

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