

# THE UNIVERSITY OF BRITISH COLUMBIA



## Vancouver Senate Secretariat

Enrolment Services  
Senate and Curriculum Services  
2016-1874 East Mall  
Vancouver, BC V6T 1Z1  
[www.senate.ubc.ca](http://www.senate.ubc.ca)

## Vancouver Senate

### AGENDA

#### THE FIRST REGULAR MEETING OF THE VANCOUVER SENATE FOR THE 2011/2012 ACADEMIC YEAR

**WEDNESDAY, SEPTEMBER 14, 2011**

**6:00 P.M. (NOTE: CHANGED MEETING TIME)**

**ROOM 182, IRVING K. BARBER LEARNING CENTRE, 1961 EAST MALL**

1. Senate Membership -- Mr. James Ridge
  - a. 2011-2014 Triennium Election Results and Membership (information) (circulated)
  - b. Vice-Chair of Senate (approval)

At the close of the nomination period on 1 September, the Senate Secretariat received two (2) nominations for the position of Vice-Chair of Senate. As such, an election will be held at the 14 September Senate meeting.
  - c. Nominating Committee Membership (information) (circulated)
2. Tributes Committee -- Dr. Judith Plessis

Memorial Minute for Dr. Moses Wolfe Steinberg (approval) (circulated)
3. Minutes of the Meeting of May 18, 2011 -- Prof. Stephen J. Toope (approval) (circulated)
4. Business Arising from the Minutes
5. Remarks from the Chair and Related Questions -- Prof. Stephen J. Toope (information) (circulated)
  - a. Report on President's Activities - 14 March 2011 to 6 May 2011
  - b. Report on President's Activities - 7 May 2011 to 19 August 2011
6. From the Board of Governors -- Prof. Stephen J. Toope

Confirmation that the following items approved by the Vancouver Senate were subsequently approved by the Board of Governors as required under the *University Act* (information)

#### **Senate Meeting of April 20, 2011**

New Awards

Merger of the School of Environmental Health into the School of Population and Public Health

Name Change of the School of Human Kinetics to the School of Kinesiology

*.../continued*

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*From the Board of Governors, continued*

**Senate Meeting of May 18, 2011**

Curriculum Proposals from the Faculties of Arts, Applied Science, Commerce & Business Administration, Education, Graduate Studies (Applied Science, Arts, College for Interdisciplinary Studies, Commerce & Business Administration, Dentistry, Education, Forestry, Land & Food Systems, Medicine, Pharmaceutical Sciences, Science), Land & Food Systems, Law, and Science

New and Changed Programs from the Faculties of Arts, Education, and Medicine

New Awards

**7. Admissions Committee -- Dr. Robert Sparks**

(approval) (circulated)

- a. Applicants from a Collège d'enseignement général et professionnel (CEGEP)
- b. Broad Based Admission to Direct-Entry Programs
- c. Bachelor of Arts
- d. Juris Doctor Application Deadline

**8. Curriculum Committee -- Dr. William McKee**

Curriculum proposals from the Faculties of Arts and Graduate Studies (Arts)  
(approval) (circulated)

**9. Nominating Committee -- Dr. Rhodri Windsor-Liscombe**

Membership of Committees of Senate 2011-2014 (approval) (circulated)

**10. Student Awards Committee -- Dr. André Ivanov**

New Awards (approval) (circulated)

**11. Reports from the Vice President, Academic and Provost -- Dr. David Farrar**

- a. Senate Approval of UBC Research Institutes (approval) (circulated)
- b. Change in Name from the James Hogg iCAPTURE Centre to the UBC James Hogg Research Centre (approval) (circulated)
- c. Killam Post-Doctoral Fellow Research Prize Guidelines - 2011 (approval) (circulated)
- d. Student Evaluation of Teaching Report to Senate (information) (circulated)
- e. UBC as a Living Lab and Agent of Change for Sustainability, with guest Dr. John Robinson, Executive Director, UBC Sustainability Initiative (information) (circulated)

**12. Proposed Agenda Items**

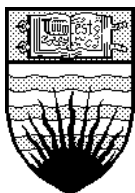
**13. Other Business**

Section 16 (b) of the *Rules and Procedures of Senate* states that meetings will adjourn no later than 8:30 p.m.

Regrets: Kristen Elder, telephone 604.822.5239 or e-mail: kristen.elder@ubc.ca

*UBC Senates and Council of Senates website: <http://www.senate.ubc.ca>*

# THE UNIVERSITY OF BRITISH COLUMBIA



1 September 2011

## TRIENNIAL ELECTIONS

### Enrolment Services

2016 - 1874 East Mall

Vancouver, B.C. Canada V6T 1Z1

To: Senate

From: James Ridge, Secretary to the Convocation & the Faculties

RE: **Vancouver Senate Election Results**

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Pursuant to Section 16 (1) of the *University Act*, this memorandum is to inform you of the results of last academic year's election to the Vancouver Senate for the triennium from 1 September 2011 to 31 August 2014. All senators listed below serve for that triennium and thereafter until their successors are elected.

#### **Representatives of the Joint Faculties**

Dr Richard Anstee, Faculty of Science  
Dr Peter T Choi, Faculty of Medicine  
Dr Wendy Hall, School of Nursing  
Dr Paul G Harrison, Faculty of Science  
Dr William McKee, Faculty of Education  
Dr Katherine Patterson, Faculty of Arts  
Dr Ronald Reid, Faculty of Pharmaceutical Sciences  
Dr Robert Sparks, School of Kinesiology  
Dr Sally Thorne, School of Nursing  
Dr Rhodri Windsor-Liscombe, Faculty of Arts

#### **Representatives of the Faculty of Applied Science:**

Dr William G Dunford  
Dr André Ivanov

#### **Representatives of the Faculty of Arts:**

Dr Darrin Lehman  
Dr Mark Vessey

#### **Representatives of the Faculty of Commerce & Business Administration:**

Dr Dan Simunic  
Dr Ralph Winter

#### **Representatives of the Faculty of Dentistry:**

Prof. Bonnie Craig  
Dr Lance Rucker

#### **Representatives of the Faculty of Education:**

Dr Donal O'Donoghue  
Dr Nancy Perry

**Representatives of the Faculty of Forestry:**

Dr Sue Grayston  
Dr Peter Marshall

**Representatives of the Faculty of Graduate Studies:**

Dr Philip Loewen  
Dr Lawrence Walker

**Representatives of the Faculty of Land & Food Systems:**

Dr Gwen Chapman  
Dr Andrew Riseman

**Representatives of the Faculty of Law:**

Dr Benjamin Goold  
Prof. Bruce MacDougall

**Representatives of the Faculty of Medicine:**

Dr Kenneth Baimbridge  
Dr Peter Leung

**Representatives of the Faculty of Pharmaceutical Sciences:**

Dr Lynda Eccott  
Vacancy

**Representatives of the Faculty of Science:**

Dr Santokh Singh  
Vacancy

**Representative of the Professional Librarians:**

Ms Trish Rosseel

**Convocation Senators:**

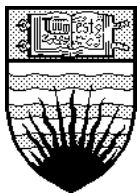
Mr Tariq Ahmed	Dr Stanley B Knight
Dr Joe Belanger	Dr Bikkar S Lalli
Ms Erin Biddlecombe	Mr Bill McNulty
Dr Lawrence Burr	Ms Shannon Sterling
Mr Darran Fernandez	Mr Michael Thom
Mr Séan Haffey	Mr Des R Verma

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Due to ongoing changes to the composition of the College for Interdisciplinary Studies, faculty representatives for the College have yet to be elected. The Registrar will work with the Principal to ensure representatives are elected at the appropriate time.

By-elections for the two other vacancies (Pharmaceutical Sciences and Science) will be called as soon as practicable this term.

Actual vote tabulations (and full candidate lists) for any election are available upon request, but the following is drawn to Senate's specific attention: Turnout for this Convocation election was roughly 2000 voters lower than for the previous election. This was likely a result of a postal strike limiting the availability of mail-in ballots being sent and received, changes to the publication schedule for TREK magazine limiting advertising, and the election no longer being held in concert with the higher-profile election of the Chancellor (this position is now appointed for British Columbian universities). The Registrar's office will make all efforts to ensure that the effect of the latter two on voter turnout is mitigated as much as possible for the future.



## The University of British Columbia – Vancouver Senate

### Members of Senate

Effective 1 September 2011

#### EX OFFICIO

<b>Chancellor</b>	Ms Sarah Morgan-Silvester
<b>President, Chair</b>	Prof Stephen J Toope
<b>Secretary</b>	Mr James Ridge
<b>Academic Vice-President</b>	Dr David Farrar

#### DEANS OF FACULTIES

<b>Applied Science</b>	Dr Tyseer Aboulnasr
<b>Arts</b>	Dr Gage Averill
<b>Commerce and Business Administration</b>	Dr Daniel Muzyka
<b>Dentistry</b>	Dr Charles Shuler
<b>Education</b>	Dr Blye Frank
<b>Forestry</b>	Dr John Innes
<b>Graduate Studies</b>	Dr Susan Porter ( <i>pro tem.</i> )
<b>Land and Food Systems</b>	Dr Murray Isman
<b>Law</b>	Prof Mary Anne Bobinski
<b>Medicine</b>	Dr Gavin C E Stuart
<b>Pharmaceutical Sciences</b>	Dr Robert D Sindelar
<b>Science</b>	Dr Simon Peacock

#### PRINCIPALS OF COLLEGES

<b>College of Health Disciplines</b>	Dr Louise Nasmith
<b>College for Interdisciplinary Studies</b>	Dr Michael Burgess

#### ELECTED BY THE FACULTIES

<b>Applied Science</b>	Dr William Dunford Dr André Ivanov
<b>Arts</b>	Dr Darrin Lehman Dr Mark Vessey
<b>Commerce and Business Administration</b>	Dr Dan Simunic Dr Ralph Winter
<b>Dentistry</b>	Prof Bonnie Craig Dr Lance Rucker
<b>Education</b>	Dr Donal O'Donoghue Dr Nancy Perry
<b>Forestry</b>	Dr Sue Grayston Dr Peter L Marshall
<b>Graduate Studies</b>	Dr Philip Loewen Dr Lawrence Walker
<b>Land and Food Systems</b>	Dr Gwen Chapman Dr Andrew Riseman
<b>Law</b>	Dr Benjamin Goold Prof Bruce MacDougall
<b>Medicine</b>	Dr Kenneth Baimbridge Dr Peter Leung
<b>Pharmaceutical Sciences</b>	Dr Lynda Eccott TBA
<b>Science</b>	Dr Santokh Singh Vacancy

#### ELECTED BY THE FACULTY OF THE COLLEGE FOR INTERDISCIPLINARY STUDIES

Vacancy  
Vacancy

#### ELECTED BY THE JOINT FACULTIES

Dr Richard Anstee	Dr Katharine Patterson
Dr Peter T Choi	Dr Ronald Reid
Dr Wendy Hall	Dr Robert Sparks
Dr Paul G Harrison	Dr Sally Thorne
Dr William McKee	Dr Rhodri Windsor-Liscombe

#### ELECTED BY THE CONVOCATION

Mr Tariq Ahmed	Dr Stanley B Knight
Dr Joe Belanger	Dr Bikkar S Lalli
Ms Erin Biddlecombe	Mr William B McNulty
Dr Lawrence Burr	Ms Shannon Sterling
Mr Darran Fernandez	Mr Michael Thom
Mr Séan Haffey	Mr Des Verma

#### REPRESENTATIVES OF AFFILIATED COLLEGES

<b>St Mark's College</b>	Rev Dr Mark A Hagemoen
<b>Vancouver School of Theology</b>	Rev Dr Stephen Farris
<b>Regent College</b>	Dr Rod Wilson
<b>Carey Theological College</b>	Dr Brian Stelck

#### LIBRARIAN

Ms Ingrid Parent, University Librarian

#### ELECTED BY THE PROFESSIONAL LIBRARIANS

Ms Trish Rosseel

#### DIRECTOR OF CONTINUING EDUCATION

Dr Judith Plessis

#### ELECTED BY THE STUDENTS

(Term from April 1, 2011 to March 31, 2012. One representative elected by each faculty, one representative from the College for Interdisciplinary Studies, and five members at-large)

<b>Applied Science</b>	Mr Sean Heisler
<b>Arts</b>	Ms Carolee Changfoot
<b>Commerce and Business Administration</b>	Mr Jack Leung
<b>Dentistry</b>	Mr Travis Gibson
<b>Education</b>	Ms Robyn Sneath
<b>Forestry</b>	Mr. Matt Murray
<b>Graduate Studies</b>	Mr Francisco Grajales
<b>Land and Food Systems</b>	Mr Kevin Truong
<b>Law</b>	Mr Brendan Craig
<b>Medicine</b>	Ms Nazgol Seyednejad
<b>Pharmaceutical Sciences</b>	Mr Aaron Sihota
<b>Science</b>	Ms Saba Marzara
<b>College for Interdisciplinary Studies</b>	Ms Khatereh Aminoltejari
<b>Members at-large</b>	Mr Ryan Bredin, Medicine Mr Thomas Brennan, Arts Mr Imran Habib, Arts Mr Spencer Rasmussen, Arts Mr Justin Yang, Science

# THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Secretariat  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1

2 September 2011

To: Vancouver Senate

From: James Ridge  
Secretary to the Convocation & the Faculties

**RE: Nominating Committee Membership (information)**

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The Senate Secretariat circulated a call for nominations for election to the Nominating Committee from 10 August 2011 to 19 August 2011.

The *Rules and Procedures of Senate*, section 25(c), states that:

The (Nominating) Committee shall be composed of ten (10) members of Senate, two (2) of whom shall be student members and two (2) non-faculty, non-student members of Senate.

In response to the above-mentioned call for faculty members, the following nominations were received:

Dr. Gwen Chapman  
Dr. Ben Goold  
Dr. Peter Marshall  
Dr. Robert Sparks  
Dr. Sally Thorne  
Dr. Rhodri Windsor-Liscombe

As the committee composition allows for six (6) faculty member seats, the above six (6) Senators are acclaimed as elected.

For the two (2) non-faculty, non-student membership of the Committee, the following nominations were received and acclaimed as elected:

Dr. Joe Belanger  
Mr. Sean Haffey

The two (2) student members of the Committee, Mr. Sean Heisler and Mr. Spencer Rasmussen, were acclaimed as elected at the May 18, 2011 meeting of the Vancouver Senate.

Respectfully submitted,

James Ridge  
Secretary to the Convocation & the Faculties

# THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Tributes Committee  
c/o  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1  
Tel : (604) 822-8141 | Fax : (604) 822-5945

2 September 2011

To: Vancouver Senate

From: Tributes Committee

Re: Memorial Minute – Dr. Moses Wolfe Steinberg

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The Tributes Committee has prepared a memorial minute for Dr. Moses Wolfe Steinberg.

***Motion:*** *That Senate approve the Memorial Minute for Dr. Moses Wolfe Steinberg, that it be entered into the Minutes of Senate and that a copy be sent to the family of the deceased.*

Respectfully submitted,

Dr. Sally Thorne, Chair  
Senate Tributes Committee

### **Dr. Moses Wolfe Steinberg**

Dr. Moses Steinberg was a highly respected educator and Jewish community leader. As a UBC professor of English literature for 52 years, he instilled a love of literature in thousands of students, honoured as UBC Master Teacher in 1971 and 1972.

Following completion of a Bachelor of Arts and Master of Arts at Queen's University, Dr. Steinberg enrolled in doctoral studies in English Literature at the University of Toronto. While a doctoral candidate, he was recruited to join UBC's Department of English as an Assistant Professor. He joined the department in 1946 and completed his PhD in 1952.

In 1959, Professor Steinberg co-founded *Prism*, a successful poetry journal currently published as *Prism International*. He also founded and directed the Poetry Centre, bringing to UBC such poets as Dylan Thomas, George Barker, Stephen Spender, Padraic Colum and Langston Hughes. He was also instrumental in the creation of the University's Arts One program. In 1956, the centenary of George Bernard Shaw's birth, Professor Steinberg and Dorothy Somerset founded the Vancouver Shaw Festival.

A deeply religious man, he was instrumental in the founding of three of Vancouver's Jewish day schools: Vancouver Talmud Torah Elementary School, Vancouver Hebrew Academy and Maimonides High School (now King David High School). He was an active member of the Schara Tzedek Synagogue, president of the Pacific Region of Canadian Jewish Congress, and played a leading role in many other Jewish community institutions and organizations.

Professor Steinberg retired from the University in 1983, but his affiliation with and service to the University continued for many years. His service to the University included membership on the Senate (1966-1969 and 1971-1972), the Board of Governors, the Faculty Association and numerous other committees. In 1977, Professor Steinberg was honoured with the Queen Elizabeth II Silver Jubilee Medal.

In his memory, the Professor Mo Steinberg Memorial Award in English Literature will be established and awarded to a student who best exemplifies an amalgam of academic excellence in English literature and the attributes of good citizenship.

# THE UNIVERSITY OF BRITISH COLUMBIA



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## Vancouver Senate

### MINUTES OF MAY 18, 2011

#### Attendance

**Present:** Mr. S. Haffey (Vice-Chair of Senate, Meeting Chair), Dr. F. Andrew, Dr. R. Anstee, Dr. K. Baimbridge, Dr. J. Brander, Mr. R. Bredin, Mr. T. Brennan, Ms. C. Changfoot, Ms. C. Colombe, Ms. A. Dulay, Dr. W. Dunford, Dr. D. Farrar (Provost & Vice-President, Academic), Dr. D. Fielding, Dr. B. Frank, Ms. M. Friesen, Mr. R. Gardiner, Mr. T. Gibson, Mr. C. Gorman, Mr. F. Grajales, Mr. I. Habib, Dr. W. Hall, Dr. P. G. Harrison, Mr. S. Heisler, Dr. A. Ivanov, Dr. S. B. Knight, Dr. B. S. Lalli, Dr. B. Larson, Dr. P. Loewen, Ms. S. Marzara, Dr. W. McKee, Mr. C. Meyers, Principal L. Nasmith, Ms. I. Parent, Dean S. Peacock, Dr. N. Perry, Dean *pro tem*. S. Porter, Mr. S. Rasmussen, Dr. L. Rucker, Mr. A. Sihota, Dr. S. Singh, Ms. R. Sneath, Dr. R. Sparks, Dr. J. Stapleton, Dr. B. Stelck, Dean G. Stuart, Mr. K. Truong, Dr. M. Upadhyaya, Mr. D. Verma, Dr. M. Vessey, Dr. R. Windsor-Liscombe, Mr. J. Yang, Dr. R. A. Yaworsky.

**Guests:** Mr. A. Bell, Prof. A. Richardson, Dr. T. Sork.

**Regrets:** Dean T. Aboulnasr, Dr. B. Cairns, Ms. B. Craig, Dr. S. Farris, Dean J. Innes, Mr. J. Leung, Mr. B. MacDougall, Dr. P. L. Marshall, Dr. C. Orvig, Dr. K. Patterson, Mr. J. Ridge (Secretary), Ms. N. Seyednejad, Ms. S. Morgan-Silvester (Chancellor), Dr. S. Thorne, Prof. S. J. Toope (President and Chair), Dr. R. Wilson.

**Recording Secretary:** Ms. L. M. Collins

#### Call to Order

In the absence of the President, Vice-Chair Mr. Sean Haffey called to order the ninth regular meeting of the 2010/2011 academic year.

#### Tributes Committee

Committee member Mr. Gorman presented the report.

## MEMORIAL MINUTE FOR DR. BERNARD E. RIEDEL

The Committee had circulated the following memorial minute for a former Senator who had recently passed away.

### **Dr. Bernard E. Riedel**

Dr. Riedel served with great distinction as the Dean of the Faculty of Pharmaceutical Sciences from 1967 until his retirement in December 1984 and Coordinator, Health Sciences, from 1977 to 1984.

After completing his undergraduate studies in 1943, Dr. Riedel joined the Royal Canadian Air Force during World War II, serving as Navigator Bombardier with the Coastal Command. Upon discharge in 1946, he held the rank of Flying Officer.

He began his academic career soon thereafter as Lecturer and Assistant Professor, Faculty of Pharmacy at the University of Alberta, all the while pursuing his Master's degree. After completing doctoral studies at the University of Western Ontario in 1953, Dr. Riedel returned to the University of Alberta as Assistant Professor and over a period of six years was promoted to Associate Professor, Full Professor and Executive Assistant to the Vice-President.

In addition to leading the Faculty of Pharmaceutical Sciences at UBC, Dr. Riedel served as a member of the Senate, Chair of the Senior Appointments Committee (1970-74; 1981-83) and as a member of numerous other committees. During his tenure, Faculty programs expanded to include doctoral degrees, Continuing Education and Clinical Pharmacy that served to train students for a patient-oriented practice of pharmacy.

Dr. Riedel also served as Director and President of the Canadian Foundation for the Advancement of Pharmacy; Trustee, UBC Health Sciences Centre Hospital; and Trustee and President, Cancer Control Agency of British Columbia. Following retirement, he served as Executive Member, Board Member, Vice-President and President of the British Columbia Lung Association; Executive Member of the Canadian Lung Association; Trustee and Chairman of the British Columbia Transplant Society; and Member of the Science Advisory Committee of the British Columbia Health Research Foundation.

For his immense contributions, Dr. Riedel was recognized with several awards and distinctions, including the Canadian Forces Decoration (1960); Canadian Centennial Medal (1967); Doctor of Science, honoris causa, University of Alberta (1990); and the 75th Anniversary Medal, UBC (1990). In 1996, Dr. Riedel was

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*Tributes Committee, continued*

appointed to the Order of Canada in recognition of his contributions to Canada's pharmaceutical and health sciences.

<i>Mr. Gorman</i>	}	<i>That Senate approve the Memorial Minute for Dr. Bernard E. Riedel, that it be entered into the Minutes of Senate and that a copy be sent to the family of the deceased.</i>
<i>Dr. Rucker</i>		

Carried.

### **Senate Membership**

In the absence of the Secretary, Associate Secretary Ms. Lisa Collins made the following membership announcements.

1. Notice of Elections: Nominating Committee  
The Secretary had issued with the meeting agenda a call for nominations for two Student Senators to serve on the Nominating Committee for the term from May 18, 2011 until March 31, 2012 and thereafter until replaced. Two nominations had been received by the deadline, for Mr. Sean Heisler and Mr. Spencer Rasmussen. Messrs. Heisler and Rasmussen were declared acclaimed as elected.
2. New Senator: Mr. Brendan Craig, elected student representative of the Faculty of Law.

### **Minutes of the Previous Meeting**

<i>Dr. Rucker</i>	}	<i>That the minutes of the meeting of April 20, 2011 be adopted as circulated.</i>
<i>Dr. Sparks</i>		

Carried.

### **Remarks from the Vice-Chair and Related Questions**

#### **PRESENTATION OF CERTIFICATES OF APPRECIATION**

The Provost presented certificates as a token of appreciation for the service provided by all Senators completing their terms on August 31, 2011.

## **From the Council of Senates**

### **ORAL ANNUAL REPORT ON COMMITTEE ACTIVITIES FROM THE COUNCIL OF SENATES BUDGET COMMITTEE**

As Chair of the Vancouver Sub-Committee of the Council of Senates Budget Committee, Dr. Brander delivered an oral report on Committee activities over the preceding year.

The report is summarized as follows:

- The Council of Senates Budget Committee operated primarily as two sub-committees, one for each of the campuses. The Committee's role was to engage in discussion about financial decision making with the President, as well as the Provost, the Vice-President, Finance, Resources, & Operations, and the Comptroller, among others. The Committee had no financial decision making authority.
- UBC had an enormous economic footprint in the Province of British Columbia. The combined operating budget for the two campuses was approximately \$1 billion. This did not include non-academic and ancillary activities, which brought the consolidated budget to approximately \$2 billion. Major capital amounted to nearly an additional \$2 billion.
- Over the previous several years, the administration had invested significant effort toward making the budget process more transparent, and the budget itself more stable and easier to understand. Dr. Brander commended the administration for success in this area, as well as for handling some significant financial challenges. While the University was not particularly wealthy, it was financially healthy and in a sustainable position, while continuing to enhance its academic performance. Few other universities had fared as well through the recent recession.
- The largest area of budgetary uncertainty was the operating grant from the provincial government, which comprised \$500 million of the \$900-million operating budget at the Vancouver campus. Tuition fees, which were controlled by the provincial government, made up an additional \$300 million, meaning that most of the University's operating budget was derived either directly from the provincial government or indirectly from sources under government control.
- The new budget model allocated funds to faculties based on student enrolment. This replaced allocation based on one-on-one negotiations with deans. While some negotiation remained necessary, the new system was much more transparent.
- Some progress had been made toward addressing the historic under allocation of funds for maintenance of new buildings. This created shortfalls that diverted money from the

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*From the Council of Senates, continued*

academic mission of the University and made it difficult to attend to all building maintenance needs.

- The University was able to accommodate 27 percent of its full-time students in student residence, but planned to increase capacity to approximately 35 percent. Dr. Brander was of the opinion that this percentage was still too low, given the positive correlation between living on campus and a positive student experience and an enriched campus life. Residences also generated significant amounts of revenue. For the first time, the University would be able to offer a space to every student wanting to live on campus. The University's ability to build new residences was limited by government regulations on maximum debt, which made no exception for revenue-producing projects.
- Fundraising efforts had increased and had been successful. The expense ratio was in the range of 15 percent, which was normal for universities.
- Following a reduction in the spend rate to three percent, the University's endowments were recovering. Although some endowments remained under water, the University was moving toward a sustainable position.
- The Committee had looked at the financial position of ancillary units, as well as the appropriate role of those units. One point of view was that ancillaries were service units that should be subsidized as necessary. Others were of the opinion that they should generate extra revenue to support the academic mission of the University. A third view was that they should be maintained on a "break-even" basis. The Committee suggested that more discussion of this topic, including which ancillaries should fall into each category, be facilitated in the following Senate triennium.
- The University was looking at ways to make more efficient use of the Vancouver campus during the summer. Higher occupancy levels in residences, for example, would contribute positively to the University's financial situation, particularly when combined with increased numbers of international students.
- While individual Committee members had raised concerns and questions about specific financial decisions, the Committee was generally supportive of the administration's initiatives and processes. There were no high-level concerns.

## **DISCUSSION**

In response to a question from Dr. Knight about revenue from international tuition fees, Dr. Brander noted that the University planned to increase international enrolment to comprise 15 percent of its student body.

## Candidates for Degrees and Diplomas

The Secretary had submitted for approval a list of 7229 candidates for degrees and diplomas.

<i>Dr. Baimbridge</i>	}	<i>That the candidates for degrees and diplomas, as recommended by the Faculties and Schools, be granted the degrees and diplomas for which they are recommended, effective May 2011, and that a committee composed of the Registrar, the appropriate Dean, and the Chair of the Vancouver Senate be empowered to make any necessary adjustments.</i>
<i>Dr. Yaworsky</i>		

Carried  
unanimously.

## Academic Building Needs Committee

Committee Chair Dr. Sparks presented the report.

### ANNUAL REPORT ON COMMITTEE ACTIVITIES

The Committee had circulated for information a report on its activities over the preceding academic year. Dr. Sparks thanked his fellow Committee members and the secretariat. An excerpt from the report follows:

#### Overview

This document follows the reporting procedures initiated last fall (November 17, 2010) of submitting a written annual summary to Senate of SABNC meetings and SABNC participation on the Property and Planning Advisory Committee (PPAC) so that individual consultations and building projects can be identified. In addition, the report points out opportunities for input into academic building policies currently being developed at UBC (see Comments section below).

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*Academic Building Needs Committee, continued*

### **Committee work plan for 2010-11**

The Committee agreed to continue following the priorities set out during the first year of its triennium (May 13, 2009 Oral Report to Senate), namely to:

1. Participate actively as voting members on the Property and Planning Advisory Committee (PPAC)
2. Engage in consultations & policy review and assist with policy development in three targeted areas relating to the Vancouver campus:
  - a. Accessibility
  - b. Sustainability
  - c. Planning processes, Senate consultation, communication
  - d. Engage additional issues as they arise including land use and hub development

### **Activities in 2010-11**

In addition to hosting 7 Committee meetings, 5 with consultations, SABNC members collectively participated in 6 PPAC meetings and reviewed 11 presentations, 4 that led to recommendations for capital projects, and 7 for information.

### **DISCUSSION**

Mr. Grajales suggested that a presentation on Open Science, Open Research, and Open Access would be useful in the following triennium.

Dr. Hall wondered whether the University should consider a bicycle loan program, particular given the number of roads on campus being closed to vehicular traffic. There was some discussion about a program operated by the Alma Mater Society, programs in place in other cities, pedestrian safety and increased bicycle traffic, as well as the impact of helmet laws.

Dr. Knight suggested that the Committee arrange for a presentation to Senate on learning space design guidelines, including specific discussion of pedagogical philosophy.

## **Admissions Committee**

Committee Chair Dr. Fielding presented the reports.

### **CANADIAN ABORIGINAL APPLICANTS**

The Committee recommended for approval changes in admission requirements for Canadian Aboriginal applicants. Applicants would be able to self-identify upon application for admission. A number of editorial changes were also included.

### **MASTER OF JOURNALISM**

The Committee recommended to Senate for approval changes in admission requirements for applicants to the Master of Journalism program. Applicants would no longer be required to present an honours baccalaureate degree for admission. A number of editorial changes were also included.

### **MASTER OF FOOD AND RESOURCE ECONOMICS**

The Committee recommended for approval changes in admission requirements for applicants to the Master of Food and Resource Economics program. Applicants would be permitted to present for admission a baccalaureate degree in Economics.

### **MASTER OF SCIENCE IN HUMAN NUTRITION**

The Committee recommended for approval changes in admission requirements for applicants to the Master of Science in Human Nutrition program. For admission, applicants

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*Admissions Committee, continued*

would be required to present three credits of biochemistry and physiology and 12 credits of advanced nutrition.

*Dr. Fielding  
Dr. Anstee*

} *That Senate approve changes in admission requirements for Canadian Aboriginal applicants, as outlined in the revised calendar entry on admission, effective for entry to the 2012 Winter Session and thereafter; and*

*That Senate approve changes in admission requirements for applicants to the Master of Journalism program, effective for admission to the 2011 Winter Session and thereafter; and*

*That Senate approve changes in admission requirements for applicants to the Master of Food and Resource Economics program, effective for admission to the 2011 Winter Session and thereafter; and*

*That Senate approve changes in admission requirements for applicants to the Master of Science in Human Nutrition program, effective for admission to the 2011 Winter Session and thereafter.*

Carried.

## REPORT ON STUDENT MOBILITY AGREEMENTS APPROVED UNDER COUNCIL OF SENATES POLICY C-2

The Committee reported for information as follows:

Under *Policy C-2: Affiliations with Other Institutions of Learning*, the Council of Senates has delegated to the Admissions Committee the authority to approve on its behalf, terms of student mobility agreements for students going to or coming from UBC Vancouver programs.

Since implementation of Policy C-2 in October 2009, the Admissions Committee has approved student mobility agreements with the following institutions:

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*Admissions Committee, continued*

- Trinity College Dublin/ Dublin City University/ Sant'Anna School of Advanced Studies of Pisa
- BEM Bordeaux Management School
- University of Barcelona
- Emory University
- ESSEC (École supérieure des sciences économiques et commerciales) Business School
- IE (Instituto de Empresa) Business School
- University of Botswana
- University of Cambridge
- ETH (Eidgenössische Technische Hochschule) Zürich
- University of Geneva
- Nanjing Forestry University
- University of Oxford
- Pierre and Marie Curie University (Paris 6)
- University of Tsukuba
- Doshisha University
- Nanjing University
- Tsinghua University
- American University of Beirut
- East China Normal University
- Hebrew University of Jerusalem
- Johns Hopkins University
- Technion-Israel Institute of Technology
- National and Kapodistrian University of Athens/ University of Savoy
- University of Navarra
- University of Eastern Finland
- Technical University of Munich
- Max Planck Society for the Advancement of Science
- University of Grenoble

Detailed information for each student mobility agreement listed herein is available at: **<https://secure.students.ubc.ca/global/where.cfm>**.

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*Admissions Committee, continued*

## MATTERS OF DELEGATED AUTHORITY

### **CRITERIA FOR INCLUDING SECONDARY SCHOOL COURSES IN AN ADMISSIONS AVERAGE**

The Committee reported for information as follows:

In December 2009, Senate approved the Criteria for Including Secondary School Courses in an Admission Average. Senate also delegated to the Committee the authority to grant final approval of courses to be used in the calculation of an admission average and published in the Calendar, with the proviso that all courses so approved meet the criteria specified by Senate.

For applicants following the BC/Yukon secondary school curriculum, an admission average is calculated on English 12 (or English 12 First Peoples) and three additional approved Grade 12 courses or equivalent. To date, the Committee has approved three courses for inclusion in the calculation of an admission average. Effective for admission to the 2012 Winter Session, applicants may present Calculus 12, Economics 12 and Law 12 for inclusion in the calculation of an admission average.

### **POLICY J-50: SECONDARY SCHOOL GRADE ADJUSTMENTS FOR UNDERGRADUATE ADMISSION TO THE UNIVERSITY**

The Committee reported for information as follows:

In December 2009, Senate approved *Policy J-50: Secondary School Grade Adjustments for Undergraduate Admission to the University*. For the purposes of undergraduate direct-entry admission to the University, grades reported for secondary school applicants outside of the BC/Yukon secondary school curricula may be adjusted to accurately assess those grades in terms of their ability to predict future performance at the University.

To date, the policy has been applied to applicants following the Alberta secondary school curriculum. For entry to the 2010 and 2011 Winter Sessions, grades presented for admission were adjusted upwards by two percent.

Undergraduate Admissions is currently in the process of reviewing first-year academic performance of students admitted under the policy and will report its findings to the Committee.

Dr. Fielding thanked his fellow Committee members for their work over the preceding three years. He also thanked Enrolment Services staff, particularly Ms. Rosalie Vlaar and Ms. Amandeep Breen, for their support.

## **Appeals on Academic Standing Committee**

Committee Chair Dr. Yaworsky presented the report.

### **ANNUAL REPORT ON COMMITTEE ACTIVITIES**

The following is excerpted from the Committee's report for information.

Senate has delegated to the Senate Committee on Appeals on Academic Standing the authority to hear and dispose of student appeals from decisions of Faculties in matters of academic standing. The Committee shall allow an appeal where it is decided that the decision of the Faculty was arrived at through improper or unfair procedures, and that as a result, a wrong decision on the merits has or may have been arrived at. However, the Committee has no jurisdiction where the sole question raised in an appeal turns on the exercise of academic judgment by a Faculty. The decision of the Committee on an appeal is a final disposition of that appeal. The Vancouver Senate has conferred on the Committee the power of making final decisions pursuant to section 37(1)(b) of the *University Act* (reference: UBC Calendar, Academic Regulations, Senate Appeals on Academic Standing, section 2).

Students may also appeal to the Committee the refusal of the Registrar to extend the time line for accepting an appeal, namely within 10 days of being informed in writing of the Faculty's final decision.

As per section 39(a) of the *Rules and Procedures of the Vancouver Senate*, the Committee is required to make an annual report to Senate, including the number of appeals heard, their disposition and the general nature of the appeals.

Since last reporting to Senate in May 2010, 14 appeals proceeded to Committee hearings (as compared with eight in the prior year), of which three were allowed and 11 were dismissed.

In addition to the 14 appeals concluded, which are summarized below, the Committee has been advised that in the past year an additional 13 appeals were presented to the Registrar, of which two were resolved prior to a Committee hearing; three were withdrawn by the appellant prior to a Committee hearing; six were dismissed by the Registrar due to lack of timely prosecution and two are in progress and are expected to be heard by the Committee in the upcoming weeks.

To provide for more hearing scheduling options for appellants and faculties, the Committee appointed a Co-Chair.

...

### **General Observations**

The Committee continues to draw to the attention of faculty and departments the importance of following due process in all matters relating to student assessment,

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*Appeals on Academic Standing Committee, continued*

promotion and appeal; of maintaining scrupulous records of course requirements, grade schemes, and student performance; as well as drawing such regulations and requirements to the attention of students.

The Committee has become aware of the differing processes of the faculties regarding the flagging of, and notification to students who are encountering academic problems, in order that the student be advised of the problematic, probationary or failing standing – even if the student has shifted e-mail accounts or if the Faculty e-mail notifications are being filtered by the student computer mail service as Junk or SPAM.

The Committee notes, for example, that the Faculty of Science has implemented a protocol to address such challenges so as to ensure that the student is made aware of issues related to their academic standing – student registration is blocked when on probation, and can only be unblocked after the student speaks to a Faculty advisor.

We would recommend that in order to avoid some of the challenges encountered in the rapidly evolving realm of communicating with students, that the appropriate Senate Committee – perhaps the Academic Policy Committee – consider if it is appropriate that communication protocols and safeguards be implemented by all UBC Faculties.

Dr. Yaworsky thanked his fellow Committee members for their work, noting that appeal hearings were often very long and required careful consideration. He commended the student members in particular, and thanked the secretariat for their support.

## **Curriculum Committee**

Committee member Dr. McKee presented the report.

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*Curriculum Committee, continued*

## CURRICULUM PROPOSALS FROM THE FACULTIES

*See also Appendix A: Curriculum Summary*

<i>Dr. McKee</i>	}	<i>That the new and changed courses and programs brought forward by the Faculties of Arts, Applied Science, Commerce &amp; Business Administration, Education, Graduate Studies (Applied Science, Arts, College for Interdisciplinary Studies, Commerce &amp; Business Administration, Dentistry, Education, Forestry, Land &amp; Food Systems, Medicine, Pharmaceutical Sciences, Science), Land &amp; Food Systems, Law, and Science be approved.</i>
<i>Dr. Loewen</i>		

Carried.

## NEW CERTIFICATES

The Committee reported for information that it had approved two new certificates as submitted by Continuing Studies:

1. UBC Certificate in Translation and Interpretation for Business (Chinese/English; English/Chinese)
2. UBC Certificate in Translation and Interpretation for Business (Korean/English; English/Korean)

## **Joint Report from the Admissions and Curriculum Committees**

Curriculum Committee member Dr. McKee presented the reports.

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*Admissions and Curriculum Committees, continued*

*See also 'Appendix A: Curriculum Summary.'*

<i>Dr. McKee</i>	}	<i>That Senate approve the changes to the Bachelor of Midwifery and its associated courses; and</i>
<i>Dr. Fielding</i>		

*That Senate approve the new Master of Arts in Science and Technology Studies and its associated courses; and*

*That Senate approve the new Master of Museum Education and its associated courses.*

Carried.

## **Library Committee**

Committee Chair Dr. Vessey presented the report.

### **ANNUAL REPORT ON COMMITTEE ACTIVITIES**

The Committee circulated the following report for information.

In its first full year of activity since it was revived in 2009-10, and in fulfilling its mandate [1] to “advise and assist” the University Librarian, the Committee held consultative meetings with several individuals and groups, including the Library’s newly appointed Director, Digital Initiatives (Allan Bell), its Rare Books and Special Collections Archivist (Sarah Romkey), its Scholarly Communications Coordinator, Digital Initiatives (Joy Kirchner), and one of the co-chairs of the working group on Open Access for the Provost’s Scholarly Communications Steering Committee (Dr. Wyeth Wasserman, who presented a draft Position Statement on Dissemination of Research: see also below). A further meeting, with the chairs of the Library Advisory Committees for the faculties (which were earlier canvassed for their concerns), has been arranged for a date after the last meeting of Senate.

Recognizing that senators have been informed of the Library’s main agenda and current policy directions by the University Librarian (when presenting her Annual Report to Senate), having at present nothing [2] “to recommend to the Senate with respect to rules on the management and conduct of the Library,” noting that the chief of the “matters of policy under discussion by the Committee” [3] this year — namely, the Library’s role in supporting and implementing a future policy on Dissemination of Research (Open Access) — awaits recommendations by the Open Access working group of the Scholarly Communications Steering Committee reporting to the Provost, the Library Committee confines itself in this report

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*Library Committee, continued*

to three sets of observations of a general order which, it trusts, may be of use both to the Senate as it considers academic issues bearing on the Library and to the next Senate Library Committee as it reflects upon its mandate [see 1-3 above]. These observations, framed by the questions posed below, correspond to three areas of particular concern identified by the University Librarian at the Committee's January 2011 meeting, which were: "awareness of the role of the Library on campus," "the Library budget," and "space requirements."

## **1. What is the University Library?**

The designation and mandate of a Senate "Library" Committee presuppose a common understanding of the nature and functions of a University Library, but such a shared understanding is now difficult to pin down. Whereas a decade ago it seemed possible that the idea of a University Library would be superseded and replaced — e.g., by that of a "Learning Centre" — what has happened instead, at UBC as elsewhere, is that the conception of a University Library has evolved, mainly by expansion in several directions at once, to encompass new realities. Thus the idea of the "Library" at UBC now comprehends, *inter alia*: study and social space on campus for students and others who may or may not be accessing information resources provided by the Library ("Learning Commons"); online information resources for UBC personnel who may or may not be on campus; a wide range of digitization projects, extending rapidly beyond materials already or previously held in other forms by the UBC Library; UBC's future stake in a BC Integrated Research Library (IRL) that would contain the "last" retained copy of journal-issues and other volumes otherwise deaccessioned by the stakeholder libraries; an institutional repository (cIRcle) for the research production of UBC students and faculty, whether or not published elsewhere, envisaged as one element of a larger initiative for Open Access; technical, instructional, reference and research support and infrastructure provided by library personnel to students and faculty, whether at Library facilities (e.g., "Research Commons") or elsewhere across campus or at the hospital sites; electronic systems for management of collections and user accounts, accessible through mobile devices; a wide range of non-bibliographic services provided to non-University communities, locally and province-wide (e.g., via the IKBLC) ... While most of the functions named here still have a visible relation to the "traditional" functions of the University Library of thirty years ago, all represent significant departures and expansions — driven or made possible by new technology and new visions of the social role of the university — with respect to the former mandate of university libraries. One inevitable result of this internal diversification and external diffusion of "library" functions is a fracturing of perceptions of what the University Library is and of what its limits are or ought to be. From this follow two further "academic" questions:

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*Library Committee, continued*

## **2. What should the “budget” for the Library be?**

The Library Committee’s mandate to advise and assist the Librarian includes “advising on the allocation of collection funds to the fields of instruction and research,” but since the idea of a Library as comprising essentially its own “collection(s)” is now outdated, in practice the budgetary concerns of the Committee tend quickly to exceed that brief.

Although the Library has a (small) special fund for new initiatives, its operating budget has not seen any major increase in recent years, despite the multiplication and expansion of Library functions, and even though few of the anticipated “savings” consequent on the declining (relative) importance of print media have yet been banked; physical collections in the traditional sense still need to be acquired, catalogued, managed, shelved and preserved. As “The Library” comes to stand for something like “cross-faculty, crosssector local manager of universal data resources,” so the question of how funding for its proliferating functions is assured at the appropriate level becomes more pressing. While this issue is in a strict sense *ultra vires* for the Library Committee, it has loomed large in our discussions this year.

## **3. What are the “space requirements” of the Library?**

As books gradually disappear into vaults or remote storage, so book-stacks give way to alternative uses of the space occupied by library buildings. If the “real” library had simply morphed into a “virtual” library accessible without any mediation beyond that provided by Microsoft and Google, all that space could be vacated for “non-library” uses.

Since that has not happened — since, on the contrary, the Library has assumed an array of new or expanded functions requiring continued heavy investments in staff, equipment, infrastructure and in facilities where students, staff, faculty and members of the public can interact both “live” and online — questions about the provision and allocation of space for library services, and about the increasingly porous and potentially contested boundaries between library-space, non-library common space, and non-library kinds of dedicated space are also coming to the fore. This, in turn, is just one aspect of the challenge now facing the Library Committee in its duty of advising and assisting the Librarian in “developing a general program of library service for all the interests of the University.”

## **DISCUSSION**

Dr. Knight thanked Dr. Vessey for his willingness to serve as Chair of the Library Committee.

## **Nominating Committee**

Committee Chair Dr. Windsor-Liscombe presented the reports.

### **APPOINTMENT OF STUDENT SENATORS TO COMMITTEES OF SENATE AND COMMITTEES OF THE COUNCIL OF SENATES**

The Committee had circulated its recommendations on appointment of Student Senators to the Committees of Senate and Committees of the Council of Senate. The Committee recommended that if in September 2011, student appointees were not available to attend regularly scheduled meetings of the committees to which they are assigned due to their class schedules, adjustments be made as necessary to better ensure student representation.

*Dr. Windsor-  
Liscombe  
Mr. Heisler*

}

*That Senate appoint student senators to the Committees of Senate as recommended by the Nominating Committee for the term ending March 31, 2012 and thereafter until replaced.*

Carried.

### **ELECTION OF STUDENT SENATORS TO THE COUNCIL OF SENATES**

The Committee reported as follows:

As per section 38.1(e) of the *University Act*, the Vancouver Senate must elect four (4) representatives to the Council of Senates and Senate has determined that two (2) such representatives be students. The Nominating Committee recommends to Senate the nomination of Kevin Truong and Jack Leung for election to the Council of Senates.

*Dr. Windsor-  
Liscombe  
Dr. Sparks*

}

*That Senate elect Mr. Kevin Truong and Mr. Jack Leung to the Council of Senates.*

Carried.

## **Student Appeals on Academic Discipline Committee**

### **ANNUAL REPORT ON COMMITTEE ACTIVITIES**

Committee member Mr. Verma delivered the report, an excerpt from which follows:

The Senate Committee on Student Appeals on Academic Discipline is a standing committee of the Vancouver Senate established under section 37(1)(v) of the *University Act*, R.S.B.C. 1996, c.468. The Committee is the “standing committee in the final appeal for students in matters of academic discipline.” Under section 61(1) of the Act, the “president has power to suspend a student and to deal summarily with any matter of student discipline.” Under section 61(2), the President “must promptly report the action of the standing committee established under section 37(1)(v) with a statement of his or her reasons.” Under section 61(3), the “action of the president is final and subject in all cases to an appeal to the Senate.”

Student discipline is governed by the Academic Regulations section of the UBC Calendar. The rules and procedures of the Senate Committee on Student Appeals on Academic Discipline can be found at <http://www.senate.ubc.ca/vancouver/rules.cfm?go=discipline>.

During the period from 1 May 2010 and 30 April 2011, the Senate Committee heard six (6) appeals involving students disciplined by the President upon the recommendation of the President's Advisory Committee on Student Discipline. Of the appeals considered by the Senate Committee, one (1) was allowed and five (5) were dismissed. The misconduct, the disciplinary actions taken by the President, the nature of the appeals and the decisions of the Senate Committee are as follows:

1. June 2010

The student was disciplined for non-academic misconduct. The discipline imposed by the President was suspension from the University for a period of 12 months, no access to the University campus for the duration of the suspension, no contact with University faculty and staff during the period of suspension and a notation of non-academic misconduct entered on the student's transcript. The student appealed with respect to the severity of the disciplinary action, namely that the period of suspension was excessive.

**Appeal dismissed.**

2. July 2010

The student was disciplined for altering an answer on a marked midterm examination and submitting it for re-grading. The discipline imposed by the President was mark of zero in the course, a letter of reprimand and a notation of academic misconduct entered on the student's transcript. The student appealed on the grounds that there was a breach or unfair application of the University's procedure prior to the President's Committee hearing that was raised before the President's Committee but was not adequately remedied through the President's Committee and that the President incorrectly deter-

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*Student Appeals on Academic Discipline Committee, continued*

mined that the student's conduct, either admitted or as found by the President, constitutes misconduct or the President incorrectly applied a University policy or procedure.

**Appeal allowed.**

3. September 2010

The student was disciplined for plagiarizing two term papers for a course. The discipline imposed by the President was a mark of zero in the course, suspension from the University for a period of 4 months and a notation of academic misconduct entered on the student's transcript. The student appealed with respect to the severity of the disciplinary action, namely the mark of zero in the course.

**Appeal dismissed.**

4. October 2010

The student was disciplined for falsely reporting that he had not written final examinations for two courses. The discipline imposed by the President was a letter of reprimand and a notation of academic misconduct entered on the student's transcript. The student appealed with respect to the severity of the disciplinary action, namely the notation of academic misconduct entered on the transcript.

**Appeal dismissed.**

5. November 2010

The student was disciplined for altering two marked midterm examinations and submitting them for re-grading. The discipline imposed by the President was a mark of zero in the course, suspension from the University for a period of 4 months and a notation of academic misconduct entered on the student's transcript. The student appealed on the grounds that the President erred in his assessment of the evidence in the report of the President's Committee, including any factual inferences made by the President, or the credibility of the student or other witnesses and that the discipline imposed was excessive.

**Appeal dismissed.**

6. January 2011

The student was disciplined for plagiarizing a term paper. The discipline imposed was a mark of zero in the course, suspension from the University for a period of 4 months and a mark of academic misconduct entered on the student's transcript. The student appealed with respect to the severity of the disciplinary action, namely that the period of suspension was excessive.

**Appeal dismissed.**

## **Student Awards Committee**

Committee Chair Dr. Stelck delivered the report.

### **NEW AWARDS**

*See also 'Appendix B: New Awards.'*

<i>Dr. Stelck</i>	}	<i>That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.</i>
<i>Mr. Heisler</i>		

Carried.

## **Tributes Committee**

Committee member Mr. Gorman delivered the report.

### **CANDIDATES FOR EMERITUS STATUS**

*See also 'Appendix C: Emeritus Status.'*

<i>Mr. Gorman</i>	}	<i>That the attached list of individuals for emeritus status be approved and that, pursuant to section 9(2) of the University Act, all persons with the ranks of Professor Emeritus, Associate Professor Emeritus, Assistant Professor Emeritus, Senior Instructor Emeritus, Instructor Emeritus, General Librarian Emeritus and Administrative Librarian Emeritus be added to the Roll of Convocation.</i>
<i>Mr. Meyers</i>		

Carried.

## **Reports from the Faculty of Graduate Studies**

Associate Dean Philip Loewen presented the reports.

## FACULTY OF GRADUATE STUDIES COUNCIL MEMBERSHIP

The following is an excerpt from the Faculty's report:

### **Historical Background**

The legislative and administrative authority of the Faculty of Graduate Studies over graduate programs of study is vested in the Graduate Council by the Faculty of Graduate Studies and Senate. The Council was established in 1986. When it was founded, the Council had 50 elected faculty members, representing each Faculty involved in graduate education. In 1990, faculty representation on the Graduate Council was expanded from 50 to 75 members, distributed using a formula which allocated representatives among the Faculties in proportion to the number of faculty members who are also members of the Faculty of Graduate Studies and the size of the graduate student body. (Student representation on the Council was also increased in the proportion to the increase in faculty membership, from 6 to 9 members, to be allocated among Faculties according to the size of the graduate student body of each Faculty. In 2006, student representation to the Council was increased further to 14 members.) The allocation formula was updated in 2006, on the understanding that it would be reviewed five years hence.

### **Selection of Faculty Representatives on Graduate Council**

The bylaws of the Graduate Council require that the 75 seats for faculty members be filled by elections. In a number of Faculties, the number of candidates has consistently been so small that all the nominees are elected by acclamation rather than by voting. The Graduate Council suggests amending its bylaws to simplify this process. Elections will still be allowed, but not required.

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*Reports from the Faculty of Graduate Studies, continued*

The proposal also advances the deadline for determining Graduate Council membership by two months. Typically the Council meets in late September each year, and it is ideal to settle the membership before the first meeting.

*Dr. Loewen  
Dr. Windsor-  
Liscombe*

*} That Senate amend the means for selecting faculty members to serve on the Graduate Council as set out in detail below, under the heading, "Selection of Faculty Representatives on Graduate Council;"*

*That Senate amend the formula for allocation of faculty members to the Graduate Council as set out in Appendix A, under the heading, "Allocation Formula for Faculty Representation on Graduate Council;"*

*That Senate receive the proposed allocation of Faculty Members to the Graduate Council, effective 1 July 2011, as shown in the table in Appendix A, under the heading, "Allocation of Faculty Members to the Graduate Council (Effective 1 July 2011);"*  
*and*

*That Senate direct the Graduate Council:*  
*1. To review the allocation of faculty members to the Graduate Council every five years effective 1 July 2011;*  
*2. To adjust the membership of the Graduate Council accordingly; and*  
*3. To provide the results of such reviews and adjustments to Senate for information.*

## **DISCUSSION**

Dr. Anstee asked about the distinction between election and selection, noting that Senators were elected rather than being selected in some other way. Dean *pro tem*. Porter stated that, in current practice, graduate advisors tended to hold these seats, making selection more sensible than holding an election.

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*Reports from the Faculty of Graduate Studies, continued*

In response to a question from Dr. Hall, Dr. Loewen indicated that students in the Interdisciplinary Graduate Studies Program would have representation because it was the intent of the Faculty of Graduate Studies to select a faculty member working with that group of students.

**CORRECTION OF REPORT BY UNANIMOUS CONSENT**

The table in Appendix A was corrected as follows: Column “Change,” Row “Commerce:” Change from “+1” to “-1”.

The motion was  
put and carried.

**AFFILIATIONS WITH BEIJING NORMAL UNIVERSITY, ZHUHAI, AND NORTHEAST NORMAL UNIVERSITY**

An excerpt from the circulated report follows:

The Faculty of Graduate Studies is pleased to forward the requests of the Faculty of Education to allow for the following affiliations for graduate programs:

**Beijing Normal University, Zhuhai – UBC Master of Museum Education**

**Northeast Normal University – UBC Master of Education in Curriculum Studies**

Attached are the proposed memoranda of agreement that will form the bases of these affiliations. The agreements set out a block transfer of 12 credits into the respective programs from the designated Chinese university and reiterate the necessary UBC curriculum that must be completed for these students to complete their degrees. The Faculty notes that twelve credits is the maximum amount currently permitted for transfer into a graduate program by UBC academic regulations, and that these agreements abide by the standard Master of Education in Curriculum Studies and the proposed Master of Museum Education curricula – these affiliations do not change any program or academic requirements at UBC. The Master of Museum Education is a new program being considered by Senate this evening; for details on this program, please refer to the new program report of the Curriculum and Admissions Committees.

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*Reports from the Faculty of Graduate Studies, continued*

Both memoranda have been reviewed by the offices of the University Counsel, Provost, UBC International, and Go Global.

<i>Dean pro tem.</i>	}	<i>That the Senate recommend the attached memoranda of understanding with Beijing Normal University, Zhuhai, and Northeast Normal University to the Council of Senates for approval.</i>
<i>Porter</i>		
<i>Dr. Anstee</i>		

## **DISCUSSION**

Dr. Hall noted the proposal that students from the affiliated universities would be given their own section of some courses. She asked why that arrangement was preferable to registering these students in sections with other UBC students. The assembly recognized Dr. Tom Sork, Senior Associate Dean, Faculty of Education, who responded that this issue had been discussed with the partner institutions. For economic and class capacity reasons, it was important to set up a special section. Necessary supports in areas such as writing development would also be more easily provided.

In response to a question from Dr. Knight, Dr. Sork confirmed that the language of instruction for the UBC courses would be English, and that the degree granted would be solely from UBC.

The motion was  
put and carried.

## **Report from the Provost & Vice-President, Academic**

### **ACCESS COPYRIGHT**

The assembly recognized guest presenter Mr. Allan Bell, Director, Digital Initiatives, UBC Library. The following report had been circulated:

Access Copyright (AC), a copyright collective that collects copyright fees for publishers from postsecondary institutions, has proposed dramatic fee increases.

These fees are payable by universities for copying material from scholarly journals, textbooks, and other materials. Until recently, it was economically feasible

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*Access Copyright, continued*

for universities to pay a fee to AC and thereby avoid the cost of seeking individual copyright clearance directly from each publisher.

UBC currently pays AC fees amounting to \$650,000/year, of which \$150,000 is subsidized from UBC's general operating funds and \$500,000 a year is built into the cost of course packs purchased by students. AC has applied to the Copyright Board of Canada for approval of a new tariff that would increase these costs to \$2M annually.

The Association of Universities and Colleges of Canada (AUCC), on behalf of UBC and its other member universities, is opposing the size of the increase. However, a final determination by the Copyright Board of Canada is likely to take two years or more. Although the full impact cannot be known until this process is complete, the effect on students, faculty, and the university budget will be considerable.

The Copyright Board granted Access Copyright an interim tariff (essentially status quo) on Dec. 23, 2010 that will apply from Jan. 1, 2011 through Dec. 31, 2013.

To avoid exposure to a tariff retroactive from Jan. 1, 2011, UBC is exploring the possibility of opting out of the arrangement with Access Copyright. This decision rests with the University executive and is expected to be made soon.

The University is legally obligated to ensure that faculty and staff understand copyright compliance and do not act in violation of the Copyright Act. Infringing activities may result in claims that would have serious financial implications for the University and/or individuals.

If and when UBC opts out of the arrangement, there will be several copying practices that will not be possible in the absence of a collective license and that do not qualify under the fair dealing exception in the Copyright Act. Any photocopying and scanning from copyrighted works by students, faculty, staff and administrators at UBC would need to be limited to what is allowed under the Copyright Act.

Copies made for the purpose of research, private study, criticism or review can continue to be made under the "fair dealing" exception of the Copyright Act. It is also permissible to make copies if authorized by the copyright owner (often the copyright owner is not the author).

Copying done for the purpose of teaching or instruction is generally not considered "fair dealing". Consequently, faculty and staff making copies in paper or electronic formats (for example, by creating pdf files or cutting and pasting material into word documents or other formats, or by scanning, etc.) for distribution to students or colleagues is not generally permitted.

Members of faculty or staff can email **[ubc-copyright@interchange.ubc.ca](mailto:ubc-copyright@interchange.ubc.ca)** for assistance.

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*Access Copyright, continued*

AUCC has offered assistance to the campus through the provision of Copying Guidelines as part of the broader Fair Dealing Policy.

UBC Library has negotiated license agreements with publishers of electronic journals, books and databases it has purchased. Each resource is governed by the terms of a specific license, and UBC Library has created an Electronic Resources License Information database to help you understand what you can and cannot do with these electronic materials.

Course packs can continue to be produced through the UBC Bookstore with permission from the copyright owner. Keep in mind that significantly more lead-time will be needed to clear copyright (eight to ten weeks is the norm), and in some cases, permission may not be obtained. Faculty will need to be prepared to change their course readings if permission is not granted. For more information: UBC Vancouver Campus 822-0874 or **customcourse@mail.bookstore.ubc.ca** UBC Okanagan Campus phone 807-9546 or **ubco.coursematerials@ubc.ca**

UBC Library, the Bookstore, the Office of the Provost and VP Academic, the Office of the University Counsel and the Centre for Teaching, Learning and Technology (CTLT) on both campuses are working to provide coordinated communications, including workshops raising awareness about the copyright issue, identifying opportunities to disseminate and distribute communications, and working with Public Affairs on issues management.

**Links:**

Broadcast email from Wes Pue, December 23, 2010 outlining UBC's position: **<http://collections.library.ubc.ca/files/2011/03/UBCV-Campus-Notice-Access-Copyright-2010-12-23.pdf>**

Proposed Access Copyright Tariff: **<http://collections.library.ubc.ca/copyright/accesscopyright/proposed-access-copyright-tariff-faqs>**

UBC Library Copyright site: **<http://collections.library.ubc.ca/copyright>**

UBC Electronic Resources License Information: **<http://licenses.library.ubc.ca/>**

Copyright Act: **<http://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>**

AUCC Fair Dealing Policy: **<http://collections.library.ubc.ca/files/2011/03/AUCC-Fair-dealingpolicy-March-2011.pdf>**

FAQ on the Fair Dealing Policy: **<http://collections.library.ubc.ca/files/2010/11/AUCC-Fair-dealingpolicy-February-17-2011-rev-FAQ.pdf>**

Mr. Bell gave an overview of the current issues facing the University related to copyright and instructional materials.

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*Access Copyright, continued*

## **DISCUSSION**

In response to questions, Dr. Farrar and Mr. Bell clarified as follows:

- The University had opted into the arrangement with Access Copyright until August 31, 2011. Because the period after January 1, 2011 was covered by an interim tariff, it was possible that retroactive fees would be assessed. The longer the University remained with Access Copyright, the greater that liability could become.
- Of approximately 100 universities in Canada, only 10 percent had opted out, with none of the large institutions having opted out to date.
- Rules pertaining to custom course packages would change if the University were to opt out.
- A worst-case scenario would entail much higher costs for students for their course packages, as well as significant time spent by faculty and staff seeking permission to use materials. Should the University opt out but later be found to be non-compliant with copyright rules, heavy fines would be levied.
- Dr. Farrar was looking into the experience of other institutions that had opted out. Most of those institutions were much smaller than UBC.
- US legislation differed in that its “fair use” provisions covered significantly more materials. Exclusions under Australian legislation were different from those in place in Canada.

Dr. Vessey described the current issue as a new front on an existing scholarly communication war. He asked for an assessment of how much of the Senate’s time and the administration’s time would likely be spent on the matter, and how much of a stand the University was prepared to take. Dr. Farrar stated that the immediate decision before the University was whether to opt out, effective September 1, 2011, or accept the interim tariff for another academic year. In order to make that decision, the University needed to fully understand its exposure. He expressed the opinion that the law was far too restrictive, and that copies for instructional purposes should be permitted. Even given this philosophical opposition, however, it was important to consider how much financial risk the University was prepared to take.

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*Access Copyright, continued*

In response to a question from Dr. Vessey, Dr. Farrar stated that the Office of the University Counsel would be responsible for procuring the necessary licenses, with involvement from the UBC Library.

Dr. Hall noted that she preferred to provide students with a list of Digital Object Identifiers in lieu of custom course packages. Mr. Bell stated that Access Copyright had proposed to have links to documents included under their arrangement. Universities had objected.

Mr. Heisler noted that students would be very concerned if costs were to be passed on to them directly. He asked whether it would be feasible to move away from textbooks in favour of use licences for other kinds of materials, thereby reducing the net cost to students. Dr. Farrar noted that due to provincial government limitations on student fees, the University might not be permitted to assess per student fees to recover its costs.

In response to a question from Dr. Loewen, Dr. Farrar stated that the collective of publishers behind Access Copyright did have an effective monopoly on certain kinds of material. Mr. Gibson asked whether Access Copyright's business model could support a majority of universities opting out. Dr. Farrar noted that the primary and secondary education markets would continue to provide a steady revenue stream for Access Copyright. Access Copyright was aware, however, that universities were dissatisfied and the Provost was hopeful that they would therefore enter into discussion on more reasonable terms.

Mr. Rasmussen asked about the possibility of the University publishing its own materials, noting that it appeared that publishers appeared to be selling academic materials back to universities at exorbitant prices. Dr. Farrar noted that where faculty published their work determined, in part, the quality of that work. Many faculty were therefore understandably reluctant to publish in open source journals.

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*Access Copyright, continued*

Mr. Grajales asked about the potential of establishing a fund to help faculty cover open access fees. Dr. Farrar stated that a committee had been established to look at publishing in the digital age, although it had not yet completed its work.

The Provost indicated that more information would be available over the summer months.

### **Adjournment**

There being no further business, the meeting was adjourned. The following regular meeting was scheduled to take place on September 14, 2011.

## **APPENDIX A: CURRICULUM SUMMARY**

### **Faculty of Arts**

#### **NEW COURSES**

##### **ART HISTORY, VISUAL ART AND THEORY**

AFST 380 (3/6) D  
AFST 450 (3/6) D  
VISA 390 (3)  
VISA 401 (3-18) D

##### **ASIAN STUDIES**

ASIA 213 (3)  
ASIA 254 (3)  
ASIA 330 (3)  
ASIA 366 (3)  
ASIA 390 (3)  
ASIA 391 (3)  
ASIA 394 (3)  
ASIA 414 (3)  
ASIA 453 (3)  
ASIA 468 (3)  
ASIA 478 (3)  
PERS 100 (3)  
PERS 101 (3)  
PERS 104 (3)  
PERS 200 (3)  
PERS 201 (3)  
PERS 300 (3)  
PERS 301 (3)  
PUNJ 457 (3)

##### **CENTRAL, EASTERN & NORTHERN EUROPEAN STUDIES**

GERM 303 (3)  
GERM 304 (3)  
GERM 411 (3)  
GERM 412 (3)

##### **CLASSICAL, NEAR EASTERN & RELIGIOUS STUDIES**

NEST 315 (3)

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*Appendix A: Curriculum Summary, continued*

NEST 317 (3)  
NEST 318 (3)  
NEST 400 (3)  
NEST 401 (3)  
NEST 402 (3)

**CREATIVE WRITING PROGRAM**

CRWR 203 (3)

**ECONOMICS**

ECON 390 (3)

**FRENCH, HISPANIC & ITALIAN STUDIES**

FREN 425 (3/6) D  
ITAL 495 (3)  
ITST 110 (3)  
ITST 495 (3)  
RMST 495 (3)  
SPAN 280 (3)  
SPAN 495 (3)

**FIRST NATIONS STUDIES PROGRAM**

FNSP 100 (6)  
FNSP 210 (3)  
FNSP 220 (3)

**GEOGRAPHY**

GEOG 211 (3)

**MUSIC**

MUSC 110 (4)  
MUSC 111 (4)  
MUSC 119 (3)  
MUSC 210 (4)

**POLITICAL SCIENCE**

POLI 316 (3/6) D

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*Appendix A: Curriculum Summary, continued*

**PSYCHOLOGY**

PSYC 301 (3)

PSYC 420 (3)

**CHANGED COURSES**

**MUSIC**

MUSC 300 (3)

**THEATRE & FILM**

THTR 301 (3/6) D

**NEW PROGRAMS**

Central, Eastern & Northern European Studies

Minor in German Studies

Minor in Scandinavian Studies

**Faculty of Applied Science**

**NEW COURSES**

CIVL 446 (2)

EECE 284 (1)

EECE 455 (3)

APSC 202 (2)

APSC 203 (1)

IGEN 201 (3)

MTRL 340 (3)

MTRL 392 (2)

MTRL 460 (3)

ENDS 221 (3)

ENDS 231 (3)

**CHANGED COURSES**

CHBE 366 (2)

CIVL 445 (2)

**PROGRAM CHANGES**

Second Year Electrical Engineering

Second Year Computer Engineering

Third and Fourth Year Geological Engineering

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*Appendix A: Curriculum Summary, continued*

Second, Third and Fourth Year Integrated Engineering  
Third and Fourth Year Materials Engineering

**Faculty of Commerce & Business Administration**

**NEW COURSES**

COMM 202 (1)  
COMM 301 (3-36)  
COMM 303 (3-36)  
COMM 390 (3)

**Faculty of Education**

**NEW COURSES**

EDST 401 (2)  
EDST 402 (1)  
EDST 403 (1)  
EDST 404 (1)  
EDUC 430 (1)  
EDUC 440 (3)  
EDUC 450 (2-3) D  
EDUC 451 (2-3) D  
EDUC 452 (2-3) D  
EPSE 307 (1)  
EPSE 308 (2)  
EPSE 310 (2)  
EPSE 311 (1)  
LLED 326 (3)  
LLED 350 (2)  
LLED 351 (3)  
LLED 352 (2)  
LLED 353 (2)  
LLED 360 (2)  
LLED 361 (3)  
LLED 363 (1)  
LLED 366 (3)  
LLED 367 (3)  
LLED 368 (3)  
LLED 371 (3)  
LLED 372 (3)  
LLED 381 (3)  
LLED 382 (3)  
LLED 386 (3)

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*Appendix A: Curriculum Summary, continued*

LLED 387 (3)  
LLED 388 (3)  
LLED 422 (3)  
LLED 423 (3)

**FACULTY OF EDUCATION, SCHOOL OF HUMAN KINETICS**

**DEGREE NAME CHANGE**

From Bachelor of Human Kinetics to Bachelor of Kinesiology

**Faculty of Graduate Studies**

**APPLIED SCIENCE**

**NEW COURSES:**

EECE 543 (3)  
CIVL 580 (3)  
CIVL 587 (3)

**ARTS**

**NEW PROGRAMS**

Master of Museum Education (M.M.Ed.)

Master of Arts in Science and Technology Studies (M.A. in Science and Technology Studies)

**NEW COURSES**

JRNL 515 (3-9) C  
JRNL 530 (3-9) C  
JRNL 534 (3)  
JRNL 540 (3-9) C  
JRNL 555 (3-6) C  
NEST 506 (3)  
POLI 565 (3/6)D  
PSYC 508 (3)

**CHANGED COURSE**

JRNL 533 (3)

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*Appendix A: Curriculum Summary, continued*

**COLLEGE FOR INTERDISCIPLINARY STUDIES**

**NEW COURSE**

FISH 520 (6)

**COMMERCE & BUSINESS ADMINISTRATION**

**NEW COURSE**

BAHC 510 (1.5)

**DENTISTRY**

**CHANGED COURSES**

DENT 774 (2/4) D

DENT 775 (2/4) D

DENT 776 (2/4) D

**EDUCATION**

**CHANGED PROGRAM**

Master of Arts in Educational Studies

Calendar pointers to M.A. in Educational Studies

Master of Arts in Educational Studies, concentration in Adult Education

Master of Arts in Educational Studies, concentration in Educational Administration

Master of Arts in Educational Studies, concentration in Higher Education

Master of Arts in Educational Studies, concentration in Society, Culture and Politics in Education

**DEGREE NAME CHANGES**

From Master of Science in Human Kinetics to Master of Science in Kinesiology

From Master of Arts in Human Kinetics to Master of Arts in Kinesiology

From Doctor of Philosophy in Human Kinetics to Doctor of Philosophy in Kinesiology

From Master of Human Kinetics (M.H.K.) to Master of Kinesiology (M.Kin.)

**NEW COURSES**

EDST 571 (6)

EDST 572 (3)

LLED 601 (3)

LLED 602 (3)

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*Appendix A: Curriculum Summary, continued*

**FORESTRY**

**NEW COURSES**

FRST 502 (3)

FRST 527 (3)

FRST 551 (3)

FRST 552 (3)

**LAND & FOOD SYSTEMS**

**NEW COURSES**

FRE 525 (3)

FRE 528 (3)

**CHANGED COURSES**

FOOD 549 (18)

HUNU 549 (18)

PLNT 549 (12/18) C

**CHANGED PROGRAMS**

Master of Science in Food Science

Master of Science in Human Nutrition

Master of Science in Plant Science

**MEDICINE**

**NEW COURSES**

AUDI 555 (1)

AUDI 522 (3) (changed course)

SPPH 554 (3)

**PHARMACEUTICAL SCIENCES**

PHAR 516 (2)

PHAR 517 (2)

PHAR 518 (2)

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*Appendix A: Curriculum Summary, continued*

## **SCIENCE**

### **NEW COURSES**

CPSC 547 (3)  
MATH 543 (3)

### **CHANGED COURSES**

EOSC 534 (3)  
EOSC 536 (3)  
EOSC 578 (5)

## **Faculty of Land & Food Systems**

### **PROGRAM CHANGES**

Bachelor of Science in Food, Nutrition, and Health > Food, Nutrition, and Health Major  
Changes to Third and Fourth Year requirements  
Bachelor of Science in Applied Biology > Food and Environment Major  
Changes to Fourth Year requirements

## **Faculty of Law**

### **NEW COURSES**

LAW 306 (4)  
LAW 344 (4)  
LAW 404 (4)

## **Faculty of Medicine**

### **CHANGED PROGRAM**

Bachelor of Midwifery (B.Mw.)

## **Faculty of Science**

### **NEW SPECIALIZATION**

Bachelor of Science > Earth and Ocean Sciences > Combined Major > Microbiology and Oceanography

### **NEW COURSES**

CPSC 189 (1)  
CPSC 259 (2)

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*Appendix A: Curriculum Summary, continued*

EOSC 445 (6)  
ENVR 410 (3)  
ISCI 360 (3)  
ISCI 361 (3)  
MATH 406 (3)  
MATH 444 (3)  
MATH 448 (3)  
MICB 308 (3)  
MICB 408 (3)

## **APPENDIX B: NEW AWARDS**

**ABORIGINAL Graduate Fellowship:** Aboriginal Graduate Fellowships are awarded to outstanding aboriginal graduate students and provide a minimum annual stipend of \$16,000 plus tuition. Fellowships are awarded through an annual competition, with priority given to aboriginal students whose traditional territory falls, at least in part, within Canada. Fellowships may be offered for one or more years, with continued fellowship support conditional on satisfactory academic progress. The awards are made on the recommendation of the Faculty of Graduate Studies. (First award is available for the 2011/12 Winter Session.)

**BC Assessment Valuation Award:** A \$1,750 award has been endowed by BC Assessment Authority to the Diploma in Urban Land Economics student demonstrating leadership in appraisal and valuation by obtaining the highest standing in a combination of BUSI 330 (Foundations of Real Estate Appraisal) and BUSI 344 (Statistical and Computer Applications in Valuation). Recommendation is made by the Sauder School of Business. (First award is available for the 2011/12 Winter Session.)

**Gordon L. DIEWERT Community Service Entrance Award:** A \$1,000 service entrance award is offered in memory of Dr. Gordon L. Diewert, who was killed by a drunk driver, to promote the prevention of drinking and driving. The award is granted annually on the basis of good academic performance and community service to a high school student entering the School of Kinesiology. The recipient must demonstrate participation in volunteer activities associated with the prevention of drinking and driving. Preference will be given to students who took leadership roles in their high school Dry Grad activities. Students must complete an application form and include a letter of reference from their teacher/supervisor. The award will be granted by the School of Kinesiology Awards Adjudication Committee. (First award is available for the 2011/12 Winter Session.)

**William McKendrick MCCALLUM Entrance Bursary in Medicine:** Bursaries totalling \$6,300 have been endowed by an estate gift from William McKendrick McCallum to provide funding for medical students who are entering their first year of study and are in need of financial assistance. Students may receive this bursary more than one time should they continue to demonstrate financial need and exceptional ability in their medical studies. Recommendations are made by the Faculty of Medicine in consultation with the Office of Student Financial Assistance and Awards. (First award is available for the 2011/12 Winter Session.)

**Neil POLLOCK 'Mensche' Service Award in Medicine:** A \$1,000 service award has been donated by Dr. Neil Pollock to recognize students' commitment to altruism and community service. 'Mensche' directly translates to 'human being' in Yiddish, is a person of integrity, honour and kindness. Following in this spirit, Dr. Pollock aims to ensure students are recognized for their contributions to their class and the community. Adjudication is based on demonstrated leadership skills, involvement in extracurricular activities and commitment to community service. The award is made on the strength of applicants and the recommendation of the Faculty of Medicine. (First award is available for the

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*Appendix B: New Awards, continued*

2011/12 Winter Session.)

**Gokal SINGH of Halwara Memorial Service Award in Social Work:** A \$1,000 award is offered by Ranjit Hall to a student specializing in social work who has a demonstrated interest in and advocacy for social justice and equality. To be considered, candidates must demonstrate community involvement and volunteer work both on and off campus with a specific focus in helping disadvantaged and recent immigrant persons and groups. Recommendation is made by the School of Social Work. (First Award Available for the 2011/12 Winter Session)

**PREVIOUSLY-APPROVED AWARDS WITH CHANGES IN TERMS OR FUNDING SOURCE:**

**Edna BAXTER Memorial Prize** – A prize of \$100, endowed as a memorial to Edna Baxter by her friends and colleagues, serves as a tribute to her devoted work as a teacher. This prize is awarded to an undergraduate in the Faculty of Education who achieves distinction in the use of Children's Literature during the practicum.

*Reason for Change: The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Jean BARMAN Prize in Aboriginal Education** – Prizes totalling \$1,000 are offered to students of Aboriginal ancestry pursuing graduate or teacher education degree based on a project related to aboriginal people. The award is named in honour of Dr. Jean Barman, an outstanding professor who taught and works in this area. The award is made on the recommendation of the Department of Educational Studies in consultation with the Associate Dean of Indigenous Education and the Faculty of Graduate Studies. (First Award Available for the 2010/11 Winter Session)

*Reason for Change: The donor wanted to open up the criteria to offer it to any student who is working on a project related to aboriginal people and not simply aboriginal history. Biographic information concerning Dr. Barman has also been revised.*

**Alice V. BORDEN Memorial Scholarship in Early Childhood Education** – A scholarship of \$500 is given by her pupils and their parents, students, colleagues, friends and relatives, in memory of Alice V. Borden, 1908-1971, Assistant Professor of Education at the University of British Columbia, who taught and practised pre-school education there from 1958-1971. The intent of the scholarship is to encourage the dynamic spirit of dedication to excellence and integrity in learning and teaching which they were privileged to experience in this rare person and skilful teacher. The scholarship is awarded on the recommendation of the Faculty of Education to an outstanding student whose teaching practicum is in Early Childhood (K-3).

*Reason for Change: The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Alice V. BORDEN Memorial Prize** – A prize of \$200 is given by her pupils and their parents, students, colleagues, friends and relatives, in memory of Alice V. Borden, 1908-

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*Appendix B: New Awards, continued*

1971, Assistant Professor of Education at the University of British Columbia, who taught and practised pre-school education there from 1958-1971. The intent of the prize is to encourage the dynamic spirit of dedication to excellence and integrity in learning and teaching which they were privileged to experience in this rare person and skilful teacher. The prize is awarded on the recommendation of the Faculty of Education to an outstanding student graduating with the Bachelor of Education (Elementary), whose practicum is in early childhood education, and who demonstrates excellence in teaching practice.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**CHEMETICS Award in Engineering** – A \$1,000 award is offered by Chemetics to a student entering his/her first or second year of study in Chemical Engineering in even numbered years and Mechanical Engineering in odd numbered years. Recommendation is made by the Faculty of Applied Science.

*Reason for Change:* *Corporate name change from Aker Solutions to Chemetics and requested revision to the adjudication criteria to have the award rotate between chemical and mechanical engineering candidates.*

**C. K. CHOI Scholarship in Secondary Education** – One or two scholarships totalling \$5,400 have been endowed by the Choi family for outstanding students entering the Bachelor of Education (Secondary) program. The scholarship, made on the recommendation of the Faculty of Education, is disbursed in three equal instalments, one at the start of each term.

*Reason for Change:* *The endowment is no longer in a financially viable state to offer renewable scholarships.*

**Sonia CRADDOCK Memorial Prize** – A \$250 prize has been endowed in memory of Sonia Craddock, elementary teacher, reading researcher, teacher educator and author of children's literature. The prize is offered to an undergraduate student in the Faculty of Education who achieves distinction in the use of children's literature. Preference is given to a student who uses children's literature effectively in a teaching practicum. The award is made on the recommendation of the Faculty of Education.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Mathilde MACINNES Memorial Scholarship** – As a memorial to his wife, Mathilde MacInnes, and in recognition of her interest in young people, this scholarship of \$1,100 has been established by Mr. W. H. MacInnes in the field of Education. It is awarded to the student who obtains the excellent standing in the Winter Session of the program leading to the B.Ed. degree (elementary teaching field) and is proceeding to the extended practicum and final courses of that program.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

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*Appendix B: New Awards, continued*

**Barbara MIKULEC Prize in Education** – A \$700 prize has been endowed by Barbara Mikulec, B.Ed. (Elementary), '69, for undergraduate students in the Faculty of Education. The award is offered to students whose teaching practicum demonstrates success in teaching English as an Additional Language, and is made on the recommendation of the Faculty of Education.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Phi Delta Kappa Scholarship in Education** – One scholarship of \$1,000, a gift of UBC Chapter of Phi Delta Kappa, is awarded to a student who has completed Winter Session in the Faculty of Education (defined as the initial eight or nine month winter session) and is continuing in the degree program. The award is made to a student who not only has good academic records but who also has shown ability in and aptitude for teaching. The award is made on the recommendation of the Faculty, with scholarship available for both the Elementary and Secondary programs.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Stella SHOPLAND Memorial Prize** – A \$175 prize, endowed as a memorial to Stella Shopland by her friends and associates, serves to mark the esteem and affection in which she was held by her colleagues and students. In tribute to her special interest in children's literature, this prize is awarded to an undergraduate in the Faculty of Education who achieves distinction and who uses children's literature in an effective and imaginative manner during the practicum.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Joan TUEY Scholarship in Early Childhood Education** – Scholarships totalling \$850 have been endowed by Leon and Joan Tuey for students in Early Childhood Education. The awards are offered to students in the Teacher Education program concentrating in Early Childhood Education during the practicum and are made on the recommendation of the Faculty of Education.

*Reason for Change:* *The 2-Year Elementary Option of the Bachelor of Education Program is being phased out.*

**Frederic H. SOWARD Memorial Fellowship** – A \$2,300 fellowship has been endowed through contributions from colleagues, family, friends and students to honour the memory of Frederic H. Soward who served as Dean of the Faculty of Graduate Studies and as Head of the History Department during his 42 years with UBC. A gifted teacher, he was also a distinguished authority on Canada's role in international affairs. The award to a full-time graduate student studying international relations, with the recommendation alternating each year between the Department of History and the Department of Political Science, in consultation with the Faculty of Graduate Studies.

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*Appendix B: New Awards, continued*

Reason for Change: The nominations for this fellowship are meant to rotate between the Department of History and Political Science. The revised description clarifies this point so it is not lost in adjudication.

## **APPENDIX C: EMERITUS STATUS**

Brewer, Jesse: Professor Emeritus of Physics and Astronomy

Canam, Connie: Assistant Professor Emeritus of Nursing

Clay, M. Graham: Clinical Associate Professor Emeritus of Surgery

Cliff, Brian L.: Senior Instructor Emeritus of Chemistry

Duff, Sheldon: Professor Emeritus of Chemical and Biological Engineering

Ekeland, Ivar: Professor Emeritus of Mathematics

Field, Lanora: Professor Emeritus of Medical Genetics

Forbes, John: Clinical Professor Emeritus of Pediatrics

Henderson, Angela: Associate Professor Emeritus of Nursing

Israel, Robert B.: Associate Professor Emeritus of Mathematics

Lawrence, Peter D.: Professor Emeritus of Electrical and Computer Engineering

Mathers, David Alexander: Associate Professor Emeritus of Cellular and Physiological Sciences

McClung, David M.: Professor Emeritus of Geography

McDonald, Michael: Professor Emeritus of Applied Ethics

Muller, Nestor Luiz: Professor Emeritus of Radiology

Petric, Martin: Professor Emeritus of Pathology

Spiegelman, George B.: Professor Emeritus of Microbiology

The, Hung Sia: Professor Emeritus of Microbiology

van Rijn, Theo: Clinical Associate Professor Emeritus of Medicine

Walker, David C.: Associate Professor Emeritus of Pathology

Wray, William D.: Associate Professor Emeritus of History

## Record of President's Activities

### Period of: 14 March to 6 May 2011

#### **External Group**

March 14	Philip Lind, Vice Chairman, Rogers Communications Inc.
March 14	Robert Dynes, President Emeritus and Professor, Physics, University of California San Diego
March 14	Marg McGregor, CEO, Clint Hamilton, President, and Leo MacPherson, President-Elect, Canadian Interuniversity Sport (CIS)
March 15	Perinbam Trustees, World University Service of Canada (WUSC)
March 15	David Frohnmayer, President Emeritus, University of Oregon
March 15	Lyall D. Knott, Partner, Clark Wilson LLP
March 16	American Association for the Advancement of Science (AAAS) Committee
March 16	Lindsay Gordon, President and CEO, HSBC Bank Canada
March 17	Chan Gunn, Founder & President, Institute for the Study and Treatment of Pain
March 17	Philip Graham, Former President & CEO, Graymont Inc. & Graymont Western Canada Inc.
March 17	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
March 18	George Hungerford, Hungerford Group International Holdings Corp., Donor and Alumnus, and Jane Hungerford, Donor and Alumna, UBC
March 18	World University Service of Canada (WUSC) Nominations Committee
March 18	Alan Bernstein, Executive Director, Global HIV Vaccine Enterprise, New York
March 28	David Naylor, President, University of Toronto
March 28	Alex Baumann, CEO, Own the Podium
March 28	Arvind Gupta, CEO & Scientific Director, Mathematics of Information Technology and Complex Systems (MITACS) Inc.

## Record of President's Activities

### Period of: 14 March to 6 May 2011

March 29	Lindsay Cavanagh, Campaign & Stewardship Assistant, United Way of the Lower Mainland (UWLM)
March 29	Arvind Gupta, CEO & Scientific Director, Mathematics of Information Technology and Complex Systems (MITACS) Inc.
March 31	Paul Davidson, President & CEO, and Christine Tausig-Ford, Vice-President & COO, Association of Universities and Colleges of Canada (AUCC)
March 31	Chris Eaton, Executive Director, World University Service of Canada (WUSC)
March 31	Ian Orchard, Professor, Department of Biology, University of Toronto Mississauga
March 31 – April 2	Conference Board of Canada/U.S. Senior Leaders Forum
April 2	Jussi Westergren, Founder, Lateral Logic, G-Cluster, Capacity Networks and Scientific Research Capital
April 4	Paul Davidson, President & CEO, Christine Tausig-Ford, Vice-President & COO, Association of Universities and Colleges of Canada (AUCC), and Robert Campbell, President and Vice-Chancellor, Mount Allison University
April 4	Glyn Davis, Vice-Chancellor, The University of Melbourne
April 4	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
April 4	Paul Hollands, President and CEO, A&W Foods
April 6	Peter Wall, Founder, Wall Financial Corporation
April 6	The Research Universities' Council of British Columbia (RUCBC) Meeting with The Vancouver Sun Editorial Board
April 6	The Research Universities' Council of British Columbia (RUCBC) Presidents Meeting
April 6	David Turpin, President, University of Victoria
April 7 - 9	Interdisciplinary Research Group Workshop

## Record of President's Activities

### Period of: 14 March to 6 May 2011

April 8	Paul Davidson, President & CEO, Association of Universities and Colleges of Canada (AUCC), and David Naylor, President, University of Toronto
April 11	David Barnard, President, University of Manitoba
April 11	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
April 11	Maureen O'Neil, President and CEO, The Canadian Health Services Research Foundation
April 11	Andrew Petter, President & Vice-Chancellor, Jon Driver, Vice-President Academic, and John O'Neil, Dean, Health Sciences, Simon Fraser University (SFU)
April 11 – 12	Council of Western Canadian University Presidents (COWCUP) 2011 Annual Meeting
April 12	Mike Mahon, President, University of Lethbridge
April 12	Peter MacKinnon, President, University of Saskatchewan
April 12 – 14	Association of Universities and Colleges of Canada (AUCC) Board of Directors and Membership Meetings
April 14	Roy Barnett, Donor, and Gunilla Barnett, Donor, UBC
April 15	David Turpin, President, University of Victoria
April 18	Sara Farley, COO, Global Knowledge Initiative, c/o American Association for the Advancement of Science (AAAS)
April 18	Karimah Es Sabar, Senior Vice-President, Business and Strategic Affairs, Centre for Drug Research and Development (CDRD), Samira Alibhai, President, and Talib Malik, Vice-President, Aga Khan Council for British Columbia and Canada
April 19	Indira Samarasekera, President and Vice-Chancellor, University of Alberta
April 19	John Ormston, Chair, Board of Governors, Wilfrid Laurier University
April 19	World University Service of Canada (WUSC) Executive Committee Meeting

## Record of President's Activities

### Period of: 14 March to 6 May 2011

April 19	Nitin Kawale, President, Cisco Systems Canada, Paul Zed, Chairman, President's Advisory Board, and Gilles St. Hilaire, Vice-President, Strategic Business
April 19	Fay Arjomandi, Head of US Innovation Center, Vodafone
April 19	Robert Lee, Founder and Chairman, Prospero International Realty Inc.
April 19	Jason Snider, Media Director, Lauren Rowe, Account Director, and Simona Forbes, Account Director, DDB Vancouver
April 20	Warren Spitz, President and CEO, UCS Forest Group
April 20	Bruce Hilland, Co-Head, Equity Capital Markets, Liquidnet Europe LTD., and Alumnus, UBC, and Arvind Gupta, CEO & Scientific Director, Mathematics of Information Technology and Complex Systems (MITACS) Inc.
April 20	Irving K. (Ike) Barber, Donor, UBC
April 21	Nigel Harris, Vice-Chancellor, The University of the West Indies
April 21	Chaviva Hosek, President & CEO, Canadian Institute for Advanced Research
April 21	Colleen Keenan, Consultant, Janet Wright and Associates Inc.
April 26	Gerald A. McGavin, President, McGavin Properties Ltd.
April 26	Clint Hamilton, President, Canadian Interuniversity Sport (CIS)
April 27	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
April 28	Charles Fipke, Principal & Founder, CF Mineral Research, and Paul Linden, Emergency Physician, Royal Inland Hospital; TCS Regional Trauma Director; Clinical Assistant Professor, UBC
April 29	Keith Mitchell, Chair, Farris, Vaughan, Wills & Murphy LLP
April 29	Paul Henning, VP Operations and Strategy Projects for Western Canada, Rio Tinto
April 29	Stephen Jarislowsky, Chairman, Jarislowsky Fraser Ltd.

## Record of President's Activities

### Period of: 14 March to 6 May 2011

May 2	Peter Chung, President & CEO, Eminata Group, and Christopher Gaze, Founding Artistic Director, Vancouver's Bard on the Beach Shakespeare Festival
May 2	Robert Lee, Founder and Chairman, Prospero International Realty Inc.
May 2	Andrew Petter, President, Simon Fraser University (SFU)

### **Government**

March 29	Philip Steenkamp, Deputy Minister, Ministry of Regional Economic and Skills Development, Province of British Columbia
March 31	Philip Steenkamp, Deputy Minister, Ministry of Regional Economic and Skills Development, Province of British Columbia
April 4	Philip Steenkamp, Deputy Minister, Ministry of Regional Economic and Skills Development, Province of British Columbia
April 4	Board Dinner with Naomi Yamamoto, Minister of Advanced Education, and Ida Chong, Minister of Community, Sport and Cultural Development, Province of British Columbia
April 15	Christy Clark, Premier of British Columbia, Province of British Columbia
April 21	Moiria Stilwell, Parliamentary Secretary for Industry, Research and Innovation to the Minister of Jobs, Tourism and Innovation, Province of British Columbia
April 29	Mohau Pheko, South African High Commissioner to Canada, Government of South Africa
May 5	Olivier Giron, Chef du département Amérique, Afrique du Nord et Moyen-Orient du Ministère français de l'éducation, and Gérard Binder, President of CampusFrance
May 5	Marc Lortie, Ambassador of Canada to France, Government of Canada

## **Record of President's Activities**

### **Period of: 14 March to 6 May 2011**

### **Travel**

March 30	Kelowna, BC – UBCO Senate, External Community Advisory Council, and UBC Student Union Executive Meetings
March 31 – April 2	Montebello, QC – Conference Board of Canada/U.S. Senior Leaders Forums
April 7 – 9	Philadelphia, PA, U.S.A. – Interdisciplinary Research Group Workshop
April 12 – 14	Victoria, BC – Council of Western Canadian University Presidents (COWCUP) Annual Meeting and Association of Universities and Colleges of Canada (AUCC) Board of Directors and Membership Meetings
April 27 – 28	Kelowna, BC – UBCO Senate, Recognition Dinner for Klaus and Lydia Reichwald, and Development Meetings
May 4 – 7	Paris, France – Government Meetings and Global University Summit

### **Speeches / Events**

March 15	President's Research Lunch
March 16	Dinner for Leslie Van Duzer, Director, School of Architecture & Landscape Architecture (SALA)
March 18	VP Student Portfolio: Celebration for Brian Sullivan, Vice-President Students
March 28	Premier Undergraduate Awards Luncheon
March 28	Farewell Reception for Barbara Evans, Dean, Faculty of Graduate Studies, Vancouver Campus
April 4	Recognition Event in Honour of Dr. Djavad Mowafaghian and the Djavad Mowafaghian Foundation
April 4	Reception for the Approval of the Land Use Plan Agreement
April 5	Cinema Salon Presents "In the Heat of the Night" (film selected by Prof. Stephen Toope)
April 6	United Way of the Lower Mainland (UWLM) Cabinet Celebration Event

## Record of President's Activities

### Period of: 14 March to 6 May 2011

April 13	Introduced Dominic Barton, Global Managing Director, McKinsey and Company prior to Barton's speech on "Leading Change in Global Organisations" at the Association of Universities and Colleges of Canada (AUCC) Board of Directors and Membership Meeting
April 14	UBC Dialogues Victoria: Do Fish Have a Future?
April 15	Fasken Martineau Ballet Night – Ballet BC's 25th Anniversary Performance
April 19	Killam Prize News Conference
April 20	Breakfast with the President – Faculty
April 20	Campus-Wide Reception for Brian Sullivan, Former Vice-President Students
April 21	Honorary Degree Ceremony for Dr. Amartya Sen, 1998 Nobel Prize Winner for Economic Sciences
April 21	Dinner for Dr. Amartya Sen, 1998 Nobel Prize Winner for Economic Sciences
April 26	NCAA/CIS Announcement
April 26	Green College's Tribute to the late Dr. William C. Gibson
April 26	Green College Founders Dinner
April 27	Recognition Dinner for Klaus Reichwald, Donor, and Lydia Reichwald, Donor, UBC
April 29	Breakfast with the President – Staff
April 29	UBC Faculty Certificate Program on Teaching and Learning
April 29	U15 VPs Research Luncheon
April 29	50th Anniversary, School of Library, Archival and Information Studies (SLAIS)

## **Record of President's Activities**

### **Period of: 14 March to 6 May 2011**

#### **Student Events/Meetings**

March 14	Canadian Alliance of Student Associations (CASA) Annual General Meeting
March 30	UBC Student Union Okanagan Executive Meeting, Okanagan Campus
April 6	Student Leader Recognition Event
April 20	Alma Mater Society (AMS) Executive Meeting, Vancouver Campus

#### **Media Interviews**

March 17	University Presidents Interview with Brian Krieger, Director, Business Services & Olympic Legacy, Ministry of Tourism, Trade & Investment, Province of B.C.
March 28	Cathrin Bradbury, Editor-in-Chief & General Manager, Maclean's & Canadian Business Intelligence Unit
April 21	Jennifer Lewington, Reporter, Chronicle of Higher Education

## Record of President's Activities

### Period of: 7 May 2011 to 19 August 2011

#### **External Group**

May 9	The Research Universities' Council of B.C. (RUCBC) Presidents Meeting
May 9	George Iwama, President, University of Northern British Columbia (UNBC), and Sandy Slavin, President, Canada West Universities Athletic Association
May 9	Andrew Petter, President & Vice-Chancellor, Simon Fraser University (SFU)
May 11	Mike Mahon, President, University of Lethbridge
May 11	Donald Liu, Fellow, International College of Surgeons and American Colleges of Surgeons
May 11	Dan Friedmann, President & CEO, McDonald, Dettwiler and Associates Ltd. (MDA)
May 12	Don Mattrick, President, Interactive Entertainment, Microsoft Corporation
May 12	Vianne Timmons, President & Vice-Chancellor, University of Regina
May 12	Chris Eaton, Executive Director, World University Service of Canada (WUSC)
May 12	Denis Therien, Professor, McGill University
May 12	Caleb Chan, Co-Founder, Executive Chairman and CEO, Burrard International Holdings Inc.
May 13	John McDougall, President, National Research Council Canada
May 13	Paul Davidson, President & CEO, Association of Universities and Colleges of Canada (AUCC)
May 13	Arvind Gupta, CEO & Scientific Director, Mathematics of Information Technology and Complex Systems Inc. (MITACS)
May 13	George Iwama, President, University of Northern British Columbia (UNBC)
May 15	Eva Kwok, Chair & CEO, Amara International Investment Corporation
May 16	Iggy Chong, Head of Private Banking, North Asia, RBS Coutts Bank Ltd., and Governor of the Alumni Association of Hong Kong, UBC

## Record of President's Activities

### Period of: 7 May 2011 to 19 August 2011

May 16	Victor Chu, Chairman, First Eastern Investment Group
May 16	Ted Lipman, CEO, Robert H.N. Ho Family Foundation
May 16	Ian Fok, Managing Director, Henry Y.T. Fok Group
May 16	Daniel Fung, Senior Counsel, Hong Kong Bar, and Chairman, Des Voeux Chambers
May 16	Henry Fong, Managing Director, Hip Shing Hong Group
May 16	Raymond Lee, Co-Founder and CEO, Lee & Man Paper Manufacturing Ltd.
May 16	Raymond Lee, Co-Founder and CEO, Lee & Man Paper Manufacturing Ltd., and Anthony Cheng, Natural Partner and Governor of the UBC Alumni Association of Hong Kong, UBC
May 18	The University of Melbourne's Research Commission
May 18	Michael Crommelin, Dean, Zelman Cowen Professor of Law, Melbourne Law School and Colleagues with an Interest in International Law, The University of Melbourne
May 19 – 20	Universitas 21 Presidents' Meeting and Annual Network Meeting
May 24	Heping Hu, Chairman of University Council, Zheng Li, Chair, Department of Thermal Engineering, Bo Hong, Chairman of School Council, School of Medicine, Guangzhi Xia, Deputy Director, International Office, and Yuan Yuan, Chief, Division of Liaison and Exchange, International Office, Tsinghua University
May 26	Alan Bernstein, Executive Director, Global HIV Vaccine Enterprise, New York, David Naylor, President, University of Toronto, and Heather Munroe-Blum, Principal, McGill University
May 27	Rebecca Finlay, Vice-President, Communications, Canadian Institute for Advanced Research (CIFAR)
May 30	Michael Hawes, Executive Director, and Jennifer Regan, Chief Program Officer, Fulbright Canada
May 31	Nigel Thrift, Vice-Chancellor, University of Warwick
June 1	Dick White, Director of Athletics, University of Regina

## Record of President's Activities

### Period of: 7 May 2011 to 19 August 2011

June 1	Xinsheng Zhang, President, China Education Association for International Exchange (CEAIE), and Former Vice-Minister of Education, The People's Republic of China, Zaofeng Wu, Vice-Secretary of CEAIE, and Former Chinese Education Counsul in Ottawa, Wei Jin, Director, Department of International Education Exchange & Corporations, Huanbai Xue, Education Consul, Fajun Zhang, Consul, and Jun Guo, Assistant to Prof. Zhang, Chinese Consulate General in Vancouver, The People's Republic of China
June 2	David T. Barnard, President & Vice-Chancellor, University of Manitoba
June 3	Nina Fedoroff, Evan Pugh Professor, Huck Institutes of the Life Sciences, Penn State University
June 3	David Turpin, President, University of Victoria (UVic)
June 7	Dick White, Director of Athletics, University of Regina, and Sandy Slavin, President, Canada West Universities Athletic Association
June 7	Arvind Gupta, CEO & Scientific Director, Mathematics of Information Technology and Complex Systems Inc. (MITACS)
June 10	Paul Davidson, President & CEO, Association of Universities and Colleges of Canada (AUCC)
June 11	World University Service of Canada (WUSC) Board of Directors Meeting
June 14	Robert (Bob) H. Lee, Founder & Chairman, The Prospero Group, Lily Lee, Spouse of Robert H. Lee, Carol Lee, President & CEO, Linacare Cosmethery, and Leslie Lee, Director & Interior Designer, Prospero International Realty Inc.
June 15	Martin Zlotnik, Associate, ZLC Financial Group
June 15	Association of Universities and Colleges of Canada (AUCC) Board of Directors
June 15	Paul Hollands, President & CEO, A&W Food Services of Canada Inc.
June 15	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
June 16	Robert Lee, Founder and Chairman, Prospero International Realty Inc.
June 16	Peter Wall, Founder, Wall Financial Corporation

## **Record of President's Activities**

### **Period of: 7 May 2011 to 19 August 2011**

June 20	Sean Finn, Chief Legal Officer, Executive Vice-President, Corporate Services and Corporate Secretary, CN Rail
June 20	Gordon Fyfe, President & CEO, PSP Investments
June 20	Roy Heenan, Chairman & Founding Partner, Heenan Blaikie LLP
June 20	Yuen Pau Woo, President & CEO, Asia Pacific Foundation of Canada
June 21	John Rae, Executive Vice-President, Office of the Chairman of the Executive Committee of Power Corporation of Canada
June 21	Tim Brodhead, Outgoing President & CEO, and Stephen Huddart, Incoming President & CEO, J.W. McConnell Family Foundation
June 21	Laurence Pathy, President, and Belinda Pyle, Executive Director, Pathy Family Foundation
June 21	Jean Simon, President, Primary Metal for North America, Rio Tinto Alcan
June 22	Elizabeth Boylan, Incoming Program Director for Science, Technology, Engineering and Mathematics (STEM) Education Program, Alfred P. Sloan Foundation
June 23	Madhu Vuppuluri, President, ESSAR Americas, President & CEO, ESSAR Steel Minnesota
June 23	Frank Seyer, Frank Seyer Associates
June 23	Charles S. Foster, Managing Director & US Head of Diversified Industry, Lloyds Bank Corporate Markets
June 24	David Naylor, President, University of Toronto
June 27	Kenneth Plummer, Acting CEO and Director, Copenhagen Business School – Scandinavian International Management Institute (CBS-SIMI), and Soren Harbel, BC Life Science Ambassador to Europe
June 27	Ralf Hemmingsen, Rector, Niels Elers Koch, Dean Skov og Landskab (Forest & Landscape), Sven Froekjaer, Dean of Pharmaceutical Sciences, and John Edelsgaard Andersen, Director, International Office, University of Copenhagen (KU)
June 28	Dinner in Honour of Milton K. Wong Hosted by The Laurier Institution

## Record of President's Activities

### Period of: 7 May 2011 to 19 August 2011

June 29	The Research Universities' Council of B.C. (RUCBC) Annual Planning Session
June 30	Mitsuyuki Unno, Executive Director, The Nippon Foundation
June 30	Paul Hollands, President & CEO, A&W Food Services of Canada Inc.
July 4	George Hungerford, Hungerford Group International Holdings Corp.
July 4	Phil Lind, Vice Chairman, Rogers Communications Inc.
July 4	Larry Blain, Chair, Partnerships BC Board of Directors, and Doug Buchanan, Partner, Davis LLP
July 4	Tan Chorh Chuan, President, National University of Singapore
July 5	Chaviva Hosek, President and CEO, Canadian Institute for Advanced Research
July 5	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
July 5	Asim Ghosh, CEO, President and Director, Husky Energy Inc.
July 6	Nigel Murray, President & CEO, Fraser Health, and Paul Bains, Vice-Chair, Canada India Network Society
July 7	Faye Wightman, President & CEO, and Denise Rudnicki, Research Manager, Vancouver Foundation
July 7	Nigel Harris, Vice Chancellor of The University of the West Indies and Chair of the Association of Commonwealth Universities
July 7	Alan Shaver, President, Thompson Rivers University
July 7	Edward Greenspon, VP Business Development, Toronto Star and Star Media Group
July 7	Canada West Working Group Meeting with Michael Mahon, President, University of Lethbridge, Lloyd Axworthy, President, University of Winnipeg, Ken Olynyk, Athletics Director, Thompson Rivers University, Ian Reade, Athletics Director, University of Alberta, Dick White, Co-Chair and Athletics Director, University of Regina, and Coleen Dufresne, Athletics Director, University of Manitoba

## Record of President's Activities

### Period of: 7 May 2011 to 19 August 2011

July 8	Allan Cahoon, President, Royal Roads University
July 8	David McLean, Chairman, Canadian National Railway Company, Chairman & CEO, and Brenda McLean, Vice-Chair, McLean Group of Companies
July 11	Peter Brown, Founder and Chairman, Canaccord Financial Inc.
July 11	Tom Shepansky, Founder, Rethink Communications
July 11	Jacob (Jack) Austin, P.C., Q.C., Senior Advisor International, Stern Partners, and Keith Mitchell, Q.C., Chair, Farris, Vaughn, Wills and Murphy LLP
July 11	Robin Ciceri, President, The Research Universities' Council of British Columbia (RUCBC)
July 11	David Strangway, Past UBC President
July 11	Michael McKnight, President & CEO, United Way of the Lower Mainland
July 12	Roseline Ferre, RM Ferre & Associates
July 13	Rob King, President, King Pacific Capital Corporation
July 13	Margaret Chew, Widow of Dr. Chew Wei, Prominent Hong Kong Gynecologist
July 13	Barbara Kaminsky, President & CEO, Canadian Cancer Society, BC & Yukon
July 13	Yuen Pau Woo, President and CEO, Asia Pacific Foundation of Canada
July 14	Sam Sullivan, Former Mayor, City of Vancouver, Province of B.C.
July 14	Hussain Monzur, Rumana Monzur's Father
July 14	North Korean Scholars of the Canada – DPRK Knowledge Partnership Program (KPP)
July 15	Farid Rohani, Chair, The Laurier Institution
July 15	Arvind Gupta, CEO & Scientific Director, Mathematics of Information Technology and Complex Systems Inc. (MITACS)
July 15	Byron Bolton, CEO, WestWinn Group

## **Record of President's Activities**

### **Period of: 7 May 2011 to 19 August 2011**

July 15	Ian Jarvis, CEO, and Cathy McLay, CFO and VP, Finance and Corporate Services, Translink
July 15	Jacob (Jack) Austin, P.C., Q.C., Senior Advisor International, Stern Partners
July 28	Paul Hollands, President & CEO, A&W Food Services of Canada Inc.
August 9	Robert Prichard, Chairman, Torys LLP, and former President, University of Toronto
August 17 – 19	International Advisory Panel (IAP), Faculty of Law, National University of Singapore (NUS)
August 18	Tan Eng Chye, Deputy President (Academic Affairs and Provost, National University of Singapore
August 19	Lim Chuan Poh, Chairman, Agency for Science, Technology and Research (A-STAR)
August 19	Angela Chapman, Director (Advancement), Development Office, National University of Singapore (NUS)
August 19	Tan Chorh Chuan, President, National University of Singapore (NUS)
August 19	U15 Executive Heads

### **Government**

May 10	National Justice Institute Opening Reception for “Judging Women: Aging, Mental Health and Culture” with The Right Honourable Dame Sian Elias, Chief Justice of New Zealand, and The Right Honourable of the Baroness Brenda Hale of Richmond of the Supreme Court of the United Kingdom
May 12	David Johnston, Governor General and Commander-in-Chief of Canada, Government of Canada
May 12	Innovation Roundtable with David Johnston, Governor General and Commander-in-Chief of Canada, Government of Canada
May 21	Faisal Al-Mohanna Abaalkhail, Saudi Arabian Cultural Attaché in Canada, and Yeiha Torkey A. Al Khazraj, Director of Academic and Training Affairs, Saudi Arabian Cultural Bureau in Canada, Government of Saudi Arabia

## **Record of President's Activities**

### **Period of: 7 May 2011 to 19 August 2011**

May 24	Mthabo Tsepa, High Commissioner of the Kingdom of Lesotho to Canada, and Khosi Malie, Counsellor, Government of the Kingdom of Lesotho
May 30	Dinner Hosted by Alex Budden, The British Consul General, Liliana Biglou, British Council Director Canada, and Richard Everitt, British Council Deputy Director North America, Government of The United Kingdom on the Occasion of the 2011 NAFSA Annual Conference
June 7	Stewart Beck, Canadian High Commissioner to India, and Anna Biolik, Regional Director for the Pacific Regional Office in Vancouver, Government of Canada
June 13	Naomi Yamamoto, Minister of Advanced Education, Province of B.C.
June 15	2 <sup>nd</sup> Vancouver Energy Roundtable: Clean Technology as an Engine of Economic Growth
June 16	Miriam Ziv, Israeli Ambassador to Canada, Government of Israel
June 30	Pat Bell, Minister of Jobs, Tourism and Innovation, Province of B.C.
July 4	Canada-China Joint S&T Committee and Sector Coordinator Meeting
July 11	Moira Stilwell, Parliamentary Secretary for Industry, Research and Innovation to the Minister of Jobs, Tourism and Innovation, Province of B.C.
July 12	Pamela Goldsmith-Jones, Mayor, District of West Vancouver, Province of B.C.
July 13	Eric Jordan, President, Premier's Technology Council, Province of B.C., and Greg Peet, CEO, A.L.I Technologies and Co-Chair, BC Premier's Technology Council, Province of B.C.

## **Travel**

May 7	Paris, France – Government Meetings and Global University Summit 2011
May 14 – 17	Hong Kong, China – Development Meetings and University relations
May 17 – 19	Melbourne, Australia – University meetings and Public Lecture on “Torture: Can Law Prevent It?”
May 19 – 21	Sydney, Australia – Universitas 21 Presidents' Meeting and Annual Network Meeting

## **Record of President's Activities**

### **Period of: 7 May 2011 to 19 August 2011**

June 7 – 10	Kelowna, BC – UBCO Convocation and Meetings
June 19 – 22	Montreal, Quebec – Development Meetings, UBC Alumni & Friends Reception
June 22 – 25	New York, New York – Development Meetings, Campaign Leadership Dinner
June 25 – 28	Copenhagen, Denmark – Meetings with Copenhagen Business School-Scandinavian International Management Institute (CBS-SIMI), Copenhagen Business School (CBS), and the University of Copenhagen (KU), and Sustainability Lecture by Prof. Stephen Toope
July 15 – 20	Singapore – International Advisory Panel (IAP), National University of Singapore and Meetings

### **Speeches / Events**

May 10	Mathematics of Information Technology and Complex Systems Inc. (MITACS) Announcement
May 10	Relaunch of MITACS Inc. and Launch of Mprime Network
May 11	41 <sup>st</sup> Annual 25 Year Club Dinner
May 18	Public Lecture by Prof. Stephen Toope on “Torture: Can Law Prevent It?” at The University of Melbourne
May 19	Universitas 21 Presidents’ Roundtable
May 24	Celebration of UBC’s Centre for Feminist Legal Studies and Book Launch for “Transforming Law’s Family: The Legal Recognition of Planned Lesbian Motherhood” by Fiona Kelly
May 26	Honourary Degree Reception
May 31	Honourary Degree Reception
June 8	UBC Board of Governors Reception for Retired/Retiring Governors
June 13	Reception for Catherine Dauvergne in Recognition of her Term as Senior Advisor to the President

## **Record of President's Activities**

### **Period of: 7 May 2011 to 19 August 2011**

June 14	Bank of Canada Board Vancouver Dinner Meeting (co-host)
June 16	Signing Ceremony of the 2010-2012 Faculty Collective Agreement
June 16	United Way Leadership Reception
June 16	Alumni Engagement Campaign Leadership Reception
June 17	Installation of Carole Taylor as Chancellor of Simon Fraser University (SFU)
June 21	UBC Alumni & Friends Reception: Intercultural Understanding: Is Montreal Canada's Cultural Innovator?
June 23	Campaign Leadership Dinner Hosted by Christine Melton, Founder, Aravind Eye Foundation, and Alumna, UBC, and Richard Hirschman, Attending Physician, St. Vincent's Hospital Manhattan and Beth Israel Hospital
June 27	Copenhagen Business School (CBS) – Signing of a Strategic Alliance Memorandum
June 27	Sustainability Lecture by Prof. Stephen Toope at the University of Copenhagen: Viewing the World Through a Sustainability Lens
June 29	Retirement Reception for Scott Macrae, Executive Director, Public Affairs, UBC
June 29	Social Dinner for the Djavad Mowafaghian Foundation and Djavad Mowafaghian, Honourary President, the Djavad Mowafaghian Foundation
July 1	Canada Day Fireworks Reception Aboard HMCS Algonquin
July 2	John Koerner – A Retrospective: Six Decades, at Elliot Louis Gallery
July 5	President's Service Award for Excellence Recipients Lunch
July 6	Don Brooks Recognition Event
July 8	International Student Initiative's Breakfast with the President
July 12	Campaign Leadership Dinner Hosted by Peter Bentley, Chairman Emeritus & Director, Canfor Pulp Holding Inc., and Sheila Bentley, Chairman and Director, Sierra Mountain Minerals
July 13	Peter Allard Gift Announcement and Recognition Event

## Record of President's Activities

### Period of: 7 May 2011 to 19 August 2011

July 15	Thomas Fung's Garden Party in Celebration of Mr. Fung's Hon. Doctoral Degree from UBC
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### **Student Events/Meetings**

May 11	Graduate Student Society (GSS) Executive Team Meeting, UBC Vancouver Campus
June 16	Alma Mater Society (AMS) Executive Team Meeting, UBC Vancouver Campus
June 17	Bijan Ahmadian, Former President (2010-2011), Alma Mater Society (AMS), UBC Vancouver Campus
July 11	Andrew Patterson, President, Graduate Student Society (GSS), UBC Vancouver Campus

### **Media Interviews**

May 11	Barbara Jasny, Deputy Editor for Commentary, Science/American Association for the Advancement of Science (AAAS)
May 12	Headline, Flagship Show of Business News Network (BNN)
May 12	Micki Cowan, News Editor, The Ubysey
May 12	The Vancouver Courier
May 27	Jon Marcus, Education Reporter, Washington Post

# THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Admissions Committee  
c/o  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1  
Tel : (604) 822-8141 | Fax : (604) 822-5945

2 September 2011

To: Vancouver Senate

From: Admissions Committee

Re: **Applicants from a Collège d'enseignement général et professionnel (CEGEP)**  
**(approval)**  
**Broad Based Admission to Direct-Entry Programs (approval)**  
**Bachelor of Arts – Admission (approval)**  
**Juris Doctor Application Deadlines (approval)**

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**a. Applicants from a Collège d'enseignement général et professionnel (CEGEP)**  
**(approval)**

The Admissions Committee has reviewed and recommends to Senate for approval changes in admission requirements for applicants from a Collège d'enseignement général et professionnel (CEGEP). The proposed changes create a new Calendar section specific to CEGEP applicants and revise CEGEP admission and transfer policies to align with best practices in post-secondary transfer. A number of related editorial changes are also outlined.

***Motion:** That Senate approve changes in admission requirements for applicants from a Collège d'enseignement général et professionnel (CEGEP), as outlined in the Calendar entries on Applicants Following Secondary School Curricula in Canada, Outside of BC/Yukon, Applicants from a Post-Secondary Institution and Applicants from a Post-Secondary Institution → Applicants from a CEGEP, effective for admission to the 2012 Winter Session and thereafter.*

**b. Broad Based Admission to Direct-Entry Programs (approval)**

The Admissions Committee has reviewed and recommends to Senate for approval revised Calendar entries related to broad based admission to direct-entry programs. The proposed language reflects changes to the general undergraduate admission application, which now collects information that was previously submitted under a supplementary application process.

***Motion:** That Senate approve Calendar changes related to broad based admission to direct entry programs, as outlined in the Calendar entries on Policy on Admissions, Applicants Following American Secondary School Curriculum, Applicants Following Other Secondary School Curricula and Application and Document Deadlines.*

**c) Bachelor of Arts – Admission (approval)**

The Admissions Committee has reviewed and recommends to Senate for approval the revised Calendar entry on admission to the Bachelor of Arts program. Information previously collected under a supplementary application process will now be requested as part of the general undergraduate admission application process.

***Motion:** That Senate approve the revised Calendar entry on admission to the Bachelor of Arts program, effective for admission to the 2012 Winter Session and thereafter.*

**d) Juris Doctor Application Deadlines (approval)**

The Admissions Committee has reviewed and recommends to Senate for approval changes in application deadlines for the Juris Doctor Program. The application deadline for Regular, Discretionary and First Nations categories will be December 1<sup>st</sup>. Applications for Transfer, Letter of Permission, Advanced Standing and National Committee categories will be due by April 30<sup>th</sup>. For admission to the 2012 Winter Session, the Faculty will continue to accept applications until the current deadlines of February 1<sup>st</sup> and May 31<sup>st</sup> respectively.

***Motion:** That Senate approve changes in application deadlines for the Juris Doctor program, as outlined in the attached document.*

Respectfully submitted,

Dr. David Fielding  
Chair, Admissions Committee



THE UNIVERSITY OF BRITISH COLUMBIA

## UBC Undergraduate Admissions Proposal Form Change to Admission Requirements

<p><b>Unit:</b> Undergraduate Admissions <b>Effective Session:</b> 2012 admission <b>Year for Change:</b> Post to the Calendar as soon as possible for the purpose of advising prospective transfer applicants from CEGEPs.</p>	<p><b>Date:</b> August 2011 <b>Contact Person:</b> Michael Bluhm, Associate Director, Undergraduate Admissions <b>Phone:</b> 604-822-9489 <b>Email:</b> michael.bluhm@ubc.ca</p>
<p><b>URL:</b> <a href="http://www.students.ubc.ca/calendar/index.cfm?tree=2,23,69,0">http://www.students.ubc.ca/calendar/index.cfm?tree=2,23,69,0</a></p> <p><b>Proposed Calendar Entry:</b></p> <p><u>Homepage &gt; Admissions &gt; Applicants Following Secondary School Curricula in Canada, outside of BC/Yukon &gt; Introduction</u></p> <p>Applicants who have followed an academic program leading to university entrance will be considered for admission to UBC. [...]</p> <p>[...]</p> <p>The following <b>Provincial Requirements</b> apply:</p> <ul style="list-style-type: none"><li>• <b>Ontario.</b> Ontario Secondary School Diploma with six appropriate Ontario Academic Courses (OACs) including English (OAC I) or a minimum of six Grade 12 U/M courses including English (ENG4U).</li><li>• <b>Quebec.</b> <u>Applicants graduating from the 11-year école secondaire system are not considered for direct admission to UBC. Such students are considered only after one year in a pre-university diploma program at a CEGEP.</u> &lt;&lt; link to CEGEP admission policy elsewhere in the Calendar&gt;&gt;.</li></ul>	<p><b>URL:</b> <a href="http://www.students.ubc.ca/calendar/index.cfm?tree=2,23,69,0">http://www.students.ubc.ca/calendar/index.cfm?tree=2,23,69,0</a></p> <p><b>Present Calendar Entry:</b></p> <p><u>Homepage &gt; Admissions &gt; Applicants Following Secondary School Curricula in Canada, outside of BC/Yukon &gt; Introduction</u></p> <p>Applicants who have followed an academic program leading to university entrance will be considered for admission to UBC. [...]</p> <p>[...]</p> <p>The following <b>Provincial Requirements</b> apply:</p> <ul style="list-style-type: none"><li>• <b>Ontario.</b> Ontario Secondary School Diploma with six appropriate Ontario Academic Courses (OACs) including English (OAC I) or a minimum of six Grade 12 U/M courses including English (ENG4U).</li><li>• <b>Quebec.</b> The collège d'enseignement général et professionnel (CEGEP). Applicants must have at least one full year of study in an academic diploma program with twelve appropriate courses for admission, including two courses in either ENGL (603) or FREN (601), plus the completion</li></ul>



# THE UNIVERSITY OF BRITISH COLUMBIA

<ul style="list-style-type: none"> <li>• <b>Alberta, Saskatchewan, Manitoba, New Brunswick, Nova Scotia, PEI, Newfoundland, Northwest Territories, and Nunavut.</b> Grade 12 graduation with standing in at least five appropriate academic Grade 12 courses including English.</li> </ul> <p>[...]</p>	<p>of the program specific requirements. The <i>côte de rendement au collégial (R-Score)</i> may be used as a supplement for admission. Students are strongly encouraged to submit their R-Score. Transfer credit for up to one full year of degree study may be granted when the two-year diploma has been awarded.</p> <ul style="list-style-type: none"> <li>• <b>Alberta, Saskatchewan, Manitoba, New Brunswick, Nova Scotia, PEI, Newfoundland, Northwest Territories, and Nunavut.</b> Grade 12 graduation with standing in at least five appropriate academic Grade 12 courses including English.</li> </ul> <p>[...]</p>
<p><b>URL:</b> <a href="http://www.students.ubc.ca/calendar/index.cfm?tree=2,25,0,0">http://www.students.ubc.ca/calendar/index.cfm?tree=2,25,0,0</a></p> <p><b>Proposed Calendar Entry:</b></p> <p><b>Admissions</b></p> <p><u><a href="#">Homepage</a></u> &gt; <u><a href="#">Admissions</a></u> &gt; <u><a href="#">Applicants from a Post-Secondary Institution</a></u></p> <ul style="list-style-type: none"> <li><u><a href="#">Introduction</a></u></li> <li><u><a href="#">Applicants from a College or University**</a></u></li> <li><u><a href="#">Applicants from a CEGEP</a></u></li> <li><u><a href="#">Applicants from an Institute of Technology</a></u></li> <li><u><a href="#">Maximum Allowable Transfer Credit</a></u></li> <li><u><a href="#">Unassigned Credit</a></u></li> <li><u><a href="#">Associate Degrees</a></u></li> <li><u><a href="#">Credit Earned via Prior Learning Assessment or Challenge</a></u></li> <li><u><a href="#">Music Pre-Major</a></u></li> <li><u><a href="#">Appealing for Additional Credit</a></u></li> </ul>	<p><b>URL:</b> <a href="http://www.students.ubc.ca/calendar/index.cfm?tree=2,25,0,0">http://www.students.ubc.ca/calendar/index.cfm?tree=2,25,0,0</a></p> <p><b>Present Calendar Entry:</b></p> <p><b>Admissions</b></p> <p><u><a href="#">Homepage</a></u> &gt; <u><a href="#">Admissions</a></u> &gt; <u><a href="#">Applicants from a College or University</a></u></p> <p><b>Subcontents</b></p> <ul style="list-style-type: none"> <li><u><a href="#">Introduction</a></u></li> <li><u><a href="#">General Admission Requirement</a></u></li> <li><u><a href="#">Maximum Allowable Transfer Credit</a></u></li> <li><u><a href="#">Unassigned Credit</a></u></li> <li><u><a href="#">Associate Degrees</a></u></li> <li><u><a href="#">Credit Earned via Prior Learning Assessment or Challenge</a></u></li> <li><u><a href="#">Music Pre-Major</a></u></li> <li><u><a href="#">Institutes of Technology*</a></u></li> <li><u><a href="#">Appealing for Additional Credit</a></u></li> </ul>



<p>&lt;&lt; **replaces “General Admission Requirements”, which outline the requirements for applicants from a college or university”&gt;&gt;</p>	<p>&lt;&lt; *moved up in the contents on left with slight modification for consistency of entries&gt;&gt;</p>
<p><b>URL:</b> New, linked from page noted in table, above.</p> <p><b>Proposed Calendar Entry:</b></p> <p><b><u>Admissions</u></b></p> <p><u><a href="#">Homepage</a> &gt; <a href="#">Admissions</a> &gt; <a href="#">Applicants from a Post-Secondary Institution</a> &gt; <a href="#">Applicants from a CEGEP</a></u></p> <p><b><u>Admission</u></b></p> <p><b>Applicants from a <i>collège d'enseignement général et professionnel</i> (CEGEP) must have at least one full year of study in a pre-university diploma program. This year must consist of twelve appropriate courses for admission, including two courses in either ENGL (603) or FREN (601) plus any <u>pre-requisite courses</u> required for the selected degree program.</b></p> <p><b>Admission is based on all academic courses completed in the pre-university diploma program. An admission average of at least 60% is required. Many programs have more qualified applicants than spaces and a higher admission average will be required.</b></p> <p><b>The <i>côte de rendement au collégial</i> (R-Score) may be used as a supplement for admission. Applicants are strongly encouraged to submit their R-Score.</b></p> <p><b><u>Transfer credit</u></b></p> <p><b>Transfer credit for up to one full year of study may be applied towards a UBC</b></p>	<p><b>URL: None</b></p> <p><b>Present Calendar Text:</b></p> <ul style="list-style-type: none"><li>• <del>Quebec. The <i>collège d'enseignement général et professionnel</i> (CEGEP). Applicants must have at least one full year of study in an academic diploma program with twelve appropriate courses for admission, including two courses in either ENGL (603) or FREN (601), plus the completion of the program-specific requirements. The <i>côte de rendement au collégial</i> (R-Score) may be used as a supplement for admission. Students are strongly encouraged to submit their R-Score. Transfer credit for up to one full year of degree study may be granted when the two-year diploma has been awarded.</del></li></ul>



## THE UNIVERSITY OF BRITISH COLUMBIA

**degree for students who have completed a DEC program. Admitted applicants who have not completed a DEC will be considered for transfer credit on a case by case basis.**

### **Type of Action:**

Remove CEGEP from the section of the Calendar that applies to secondary school curricula in Canada and create a new heading in the Undergraduate Admissions content page in the Calendar that reference applicants from a *Collège d'enseignement général et professionnel* (CEGEP).

Revise the CEGEP admission and transfer policies to align with best practices in post-secondary transfer and relevant to the CEGEP context.

### **Rationale:**

The only information in the calendar that currently speaks to CEGEP applicants is inappropriately located in the section titled “Applicants Following Secondary School Curricula in Canada, outside of BC/Yukon – Introduction”. While study in a CEGEP follows 11 years of primary and secondary study rather than the 12 years seen in all other provinces, CEGEP’s are post-secondary institutions (colleges) that are generally comparable to BC community colleges in their preparation of students. The proposed new Calendar location appropriately reflects the curriculum being referenced.

In order to align admission from a CEGEP with admission standards applied to other college transfers, a minimum admission average of 60%, equivalent to 2.00 (or ‘C’) is recommended.

Applicants from a CEGEP are eligible to receive a maximum of one year (30 credits) of transfer credit at UBC. This aligns with the standing that a CEGEP student is granted when entering a degree program in Quebec. However, the Calendar currently states that applicants must present a completed *Diplôme d'études collégiales* (DEC) before being eligible to receive this credit. This does not align with UBC’s transfer credit practices for other college transfers or with best practices in the field of transfer credit.

Post-secondary transfers normally receive UBC transfer credit on the basis of the transferability of the courses successfully completed at UBC-recognized post-secondary institutions. Transfer credit for students in academic post-secondary programs is not founded on the basis of having completed a particular credential. It is recommended that the requirement for a completed DEC prior to the awarding of credit at UBC be removed.



THE UNIVERSITY OF BRITISH COLUMBIA

**UBC Undergraduate Admissions Proposal Form**

<p><b>Unit:</b> Undergraduate Admissions <b>Effective Session:</b> Effective for 2011 admission to UBC. <b>Year for change:</b> To be posted to the Calendar as soon as possible</p>	<p><b>Date:</b> August 2011 <b>Contact Person:</b> Michael Bluhm, Associate Director, Undergraduate Admissions <b>Phone:</b> 604-822-9489 <b>Email:</b> michael.bluhm@ubc.ca</p>
<p>URL: <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,13,0,0">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,13,0,0</a></p> <p>Homepage → Admissions → Policy on Admissions</p> <p><b><i>Policy on Admissions</i></b></p> <p>The University of British Columbia seeks applications from students who can benefit from and contribute to the varied and stimulating academic life at this university. The University's admission regulations and procedures are intended to identify such students and to ensure that they enter programs at a level that will allow them to get the maximum benefit from their university studies.</p> <p><b>Applicants are evaluated on the basis of a broad range of criteria indicative of their preparedness for study at UBC, including English language abilities, academic performance in specific courses, the strength of their overall program of studies, and other indicators of personal preparedness including demonstrated learning or aptitudes, achievement in standardized tests, and activities both in and out of school.</b></p> <p>Excellent students who do not meet <b>minimum</b> published admission requirements may be considered for admission in exceptional cases by the dean of the faculty or the dean's designate.</p>	<p>URL: <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,13,0,0">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,13,0,0</a></p> <p>Homepage → Admissions → Policy on Admissions</p> <p><b><i>Policy on Admissions</i></b></p> <p>The University of British Columbia seeks applications from students who can benefit from and contribute to the varied and stimulating academic life at this university. The University's admission regulations and procedures are intended to identify such students and to ensure that they enter programs at a level that will allow them to get the maximum benefit from their university studies.</p> <p><del>Academic criteria are the bases of admission for the majority of applicants offered admission but additional criteria may be used in some programs. Programs to which admission may be based on both academic and other criteria are identified in the faculty and school entries.</del></p> <p>Excellent students who do not meet <del>all of the</del> published admission requirements may be considered for admission in exceptional cases by the dean of the faculty or the dean's designate.</p>
<p>URL: <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,293,0,0">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,293,0,0</a></p>	<p>URL: <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,293,0,0">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,293,0,0</a></p>



THE UNIVERSITY OF BRITISH COLUMBIA

Homepage→Admissions→ Applicants  
Following American Secondary School  
Curriculum

***Applicants Following American  
Secondary School Curriculum***

Applicants following the American  
secondary school curriculum must present  
the following minimum criteria to be  
considered for admission:

- graduation from an academic or college preparation program at a US regionally-accredited school;
- English to the senior level (not ESL);
- at least three other senior academic subjects and prerequisites appropriate for the intended program of study;
- three years of mathematics to the junior level;
- a minimum final grade of 70% (or equivalent) in either junior or senior year English; and
- either (a) SAT 1, or ACT, plus Writing (in countries where the SAT and ACT are unavailable, exemptions may be granted)

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URL:  
<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,294,0,0>

Homepage→Admissions→ Applicants  
Following American Secondary School  
Curriculum

***Applicants Following American  
Secondary School Curriculum***

Applicants following the American  
secondary school curriculum must present  
the following minimum criteria to be  
considered for admission:

- graduation from an academic or college preparation program at a US regionally-accredited school;
- English to the senior level (not ESL);
- at least three other senior academic subjects and prerequisites appropriate for the intended program of study;
- three years of mathematics to the junior level;
- a minimum final grade of 70% (or equivalent) in either junior or senior year English; and
- either (a) SAT 1, or ACT, plus Writing (in countries where the SAT and ACT are unavailable, exemptions may be granted)

~~Additional academic criteria, such as achievement in standardized tests, results from national or international competitions, or compelling evidence of outstanding leadership, may be considered when evaluating undergraduate applicants from secondary schools who have studied full-time outside of Canada for at least one year immediately prior to UBC admission~~

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URL:  
<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,294,0,0>

Homepage→ Admissions→ Applicants



## THE UNIVERSITY OF BRITISH COLUMBIA

Homepage → Admissions → Applicants  
Following Other International Secondary  
School Curricula

### ***Applicants Following Other International Secondary School Curricula***

All applicants applying to UBC from a secondary school offering English-medium instruction must present a minimum final grade of 70% (or equivalent) in either junior (Grade 11) or senior year (Grade 12) English. Final grades include both the school grade and mandatory standardized examination results.

The following list outlines the minimum standing for admission in terms of educational credentials. All students must present prerequisites appropriate for their intended program of study.

.....

URL:

<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0>

Homepage → Admissions → Application  
and Document Deadlines

### ***Application and Document Deadlines***

**Application Deadlines for  
Undergraduate Degree and**

Following Other International Secondary  
School Curricula

### ***Applicants Following Other International Secondary School Curricula***

All applicants applying to UBC from a secondary school offering English-medium instruction must present a minimum final grade of 70% (or equivalent) in either junior (Grade 11) or senior year (Grade 12) English. Final grades include both the school grade and mandatory standardized examination results.

The following list outlines the minimum standing for admission in terms of educational credentials. All students must present prerequisites appropriate for their intended program of study.

.....

~~Additional academic criteria, such as achievement in standardized tests, results from national or international competitions, or compelling evidence of outstanding leadership, may be considered when evaluating undergraduate applicants from secondary schools who have studied full-time outside of Canada for at least one year immediately prior to UBC admission.~~

URL:

<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0>

Homepage → Admissions → Application  
and Document Deadlines

### ***Application and Document Deadlines***

**Application Deadlines for  
Undergraduate Degree and  
Diploma Programs**



## THE UNIVERSITY OF BRITISH COLUMBIA

### Diploma Programs

The following deadlines pertain to new-to-UBC applicants, applicants applying to change programs and/or campuses within UBC, and applicants applying for [readmission](#) to a UBC program in which they have previously been enrolled but have discontinued their studies for any reason. If a deadline falls on the weekend or a statutory holiday, it will be extended to the next working day. For other important University dates, see [Dates and Deadlines](#).

.....

### Document Deadlines for Undergraduate Degree and Diploma Programs

In addition to submitting an application for undergraduate admission, applicants are required to submit documentation in order to satisfy admission requirements.

#### 1. English Language Admission Standard

All applicants are required to meet the [English Language Admission Standard](#). Applicants are notified by email, and via the [Student Service Centre](#) under Application Status, of the documentation that is required and the dates by which it must be submitted in order to be considered in an admission decision.

#### 2. Competitive Academic Requirements

All applicants are required to meet university minimum academic standards as well as competitive academic requirements that differ by program. Applicants are notified by email, and via the [Student Service Centre](#) under Application Status, of the transcripts that are required and the dates by which they must be submitted in order to be considered in an admission decision.

#### 3. Supplemental Materials

The following deadlines pertain to new-to-UBC applicants, applicants applying to change programs and/or campuses within UBC, and applicants applying for [readmission](#) to a UBC program in which they have previously been enrolled but have discontinued their studies for any reason. If a deadline falls on the weekend or a statutory holiday, it will be extended to the next working day. For other important University dates, see [Dates and Deadlines](#).

.....

### Document Deadlines for Undergraduate Degree and Diploma Programs

In addition to submitting an application for undergraduate admission, applicants are required to submit documentation in order to satisfy admission requirements.

#### 1. English Language Admission Standard

All applicants are required to meet the [English Language Admission Standard](#). Applicants are notified by email, and via the [Student Service Centre](#) under Application Status, of the documentation that is required and the dates by which it must be submitted in order to be considered in an admission decision.

#### 2. Competitive Academic Requirements

All applicants are required to meet university minimum academic standards as well as competitive academic requirements that differ by program. Applicants are notified by email, and via the [Student Service Centre](#) under Application Status, of the transcripts that are required and the dates by which they must be submitted in order to be considered in an admission decision.

#### 3. Supplemental/~~Broad-Based~~ Admission Criteria



## THE UNIVERSITY OF BRITISH COLUMBIA

<p><b>Some</b> UBC programs require additional information for consideration in admission decisions. This may include a portfolio, audition, manuscript, interview, or other information. Applicants are notified by email, and via the <a href="#">Student Service Centre</a> under Application Status, of <b>any</b> additional documentation that may be required and the dates by which this information must be submitted.</p>	<p><del>Many</del> UBC programs require additional information for consideration in admission decisions. This may include a portfolio, audition, manuscript, <del>essay,</del> <del>list of extracurricular activities,</del> interview, or other information. Applicants are notified by email, and via the <a href="#">Student Service Centre</a> under Application Status, of <del>the supplemental/broad based applications</del> and <del>any</del> additional documentation that may be required <del>or optional</del> and the dates by which this information must be submitted <del>in order to be considered in an admission decision.</del></p>
<p><b>Type of Action:</b> Changes to Excerpted UBC Calendar Language regarding Broad Based Admission for Direct-entry Programs</p> <p><b>Rationale:</b> The following proposed Calendar changes reflect the shift of what were formally called “supplemental applications” into the up-front online application for undergraduate admission. The language also speaks to assessing the academic portion of admissibility on a more holistic basis, including not only required courses and grades but also notions of the strength of the curriculum pursued by the applicant.</p>	





## UBC Undergraduate Admissions Proposal Form Change to Admission Requirements

<p>Faculty: <b>ARTS</b>          Department: <b>Dean's Office, Students</b>          Faculty Approval Date: <b>2011-2-10</b></p> <p>Effective Session:  <b>2012 Winter Term 1 Admission</b></p>	<p>Date: <b>August 25, 2011</b>          Contact Person: <b>Janet Giltrow</b>          Phone: <b>2-23247</b>          Email: <a href="mailto:janet.giltrow@ubc.ca">janet.giltrow@ubc.ca</a></p>
<p><b>URL:</b>  <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,492">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,492</a></p> <p><b>Proposed Calendar Entry:</b></p> <p><a href="#">Homepage</a> → <a href="#">Faculties, Colleges, and Schools</a> → <a href="#">The Faculty of Arts</a> → <a href="#">Bachelor of Arts</a> → Admission</p> <p><i>Admission</i></p> <p>Academic Admission requirements are specified in <a href="#">Admissions</a>.</p> <p><b>Admission from Secondary School</b></p> <p><b>Applicants are admitted on the basis of academic performance; evidence of personal initiative, commitment, and accomplishment; and academic preparation, including breadth and rigor of secondary-school studies.</b></p>	<p><b>URL:</b>  <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,492">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,197,282,492</a></p> <p><b>Present Calendar Entry:</b></p> <p><a href="#">Homepage</a> → <a href="#">Faculties, Colleges, and Schools</a> → <a href="#">The Faculty of Arts</a> → <a href="#">Bachelor of Arts</a> → Admission</p> <p><i>Admission</i></p> <p>Academic Admission requirements are specified in <a href="#">Admissions</a>.</p> <p><b>Admission from Secondary School</b></p> <p><del>For applicants who meet minimum academic requirements but who do not meet the required competitive average for admission to Arts, additional information about accomplishments and experiences, not captured in their academic record, may be taken into consideration. All applicants to Arts are invited to submit supplemental information when they apply online for admission. This information can strengthen their applications.</del></p> <hr/> <p><b>Rationale</b></p> <p>The proposed revision is in keeping with the overall revision of admission policies across the university.</p>



## UBC Undergraduate Admissions Proposal Form Change to Admission Requirements

<p><b>Faculty:</b> Law  <b>Faculty Approval Date:</b> Aug. 9, 2011  <b>Effective Session:</b> Term 1 2012 Winter  <b>Year for Change:</b> 2011</p>	<p><b>Date:</b> Aug. 10, 2011  <b>Contact Person:</b> Elaine Borthwick  <b>Phone:</b> 2-3848  <b>Email:</b> elborthwick@law.ubc.ca</p>
<p><b>URL:</b>  <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0</a></p> <p>Homepage→ Admissions→Application and Document Deadlines</p> <p><i>Application and Document Deadlines</i></p> <p><b>Application Deadlines for Undergraduate Degree and Diploma Programs</b></p> <p>The following deadlines pertain to new-to-UBC applicants, applicants applying to change programs and/or campuses within UBC, and applicants applying for <a href="#">readmission</a> to a UBC program in which they have previously been enrolled but have discontinued their studies for any reason. If a deadline falls on the weekend or a statutory holiday, it will be extended to the next working day. For other important University dates, see <a href="#">Dates and Deadlines</a>.          .....</p> <p>See table below for exceptions and important notes relating to Winter Session application deadlines:</p> <p>Law J.D. Law <b>December 1</b></p>	<p><b>URL:</b>  <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=2,295,0,0</a></p> <p>Homepage→ Admissions→Application and Document Deadlines</p> <p><i>Application and Document Deadlines</i></p> <p><b>Application Deadlines for Undergraduate Degree and Diploma Programs</b></p> <p>The following deadlines pertain to new-to-UBC applicants, applicants applying to change programs and/or campuses within UBC, and applicants applying for <a href="#">readmission</a> to a UBC program in which they have previously been enrolled but have discontinued their studies for any reason. If a deadline falls on the weekend or a statutory holiday, it will be extended to the next working day. For other important University dates, see <a href="#">Dates and Deadlines</a>.          .....</p> <p>See table below for exceptions and important notes relating to Winter Session application deadlines:</p> <p>Law J.D. Law <del>February 1</del></p>

<p><b>URL:</b> <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,207,358,327">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,207,358,327</a></p> <p>Homepage → Faculties, Colleges, and Schools → The Faculty of Law → Juris Doctor → Application</p> <p><i><b>Application</b></i></p> <p>All applicants for admission must submit the following documents by the deadlines set out below:</p> <ul style="list-style-type: none"> <li>• completed application form</li> <li>• personal statement</li> <li>• transcripts</li> <li>• an LSAT score</li> <li>• an application fee</li> <li>• other documentation where necessary</li> </ul> <p><b>Regular, Discretionary, and First Nations Applicants</b></p> <p>The application form, application fee, and all supporting documents must be submitted on or before <b>December 1</b>. If an offer is made, final official transcripts (see below) with grades for courses in progress must be submitted on or before June 30.</p> <p><b>Transfer, Letter of Permission, Advanced Standing, and National Committee</b></p> <p>The application form, current transcripts, other documents, and application fee must be submitted on or before <b>April 30</b>. Final official transcripts (see below) must be submitted on or before May</p>	<p><b>URL:</b> <a href="http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,207,358,327">http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,207,358,327</a></p> <p>Homepage → Faculties, Colleges, and Schools → The Faculty of Law → Juris Doctor → Application</p> <p><i><b>Application</b></i></p> <p>All applicants for admission must submit the following documents by the deadlines set out below:</p> <ul style="list-style-type: none"> <li>• completed application form</li> <li>• personal statement</li> <li>• transcripts</li> <li>• an LSAT score</li> <li>• an application fee</li> <li>• other documentation where necessary</li> </ul> <p><b>Regular, Discretionary, and First Nations Applicants</b></p> <p>The application form, application fee, and all supporting documents must be submitted on or before <del>February 1</del> <b>February 1</b>. If an offer is made, final official transcripts (see below) with grades for courses in progress must be submitted on or before June 30.</p> <p><b>Transfer, Letter of Permission, Advanced Standing, and National Committee</b></p> <p>The application form, current transcripts, other documents, and application fee must be submitted on or before <del>May 31</del> <b>May 31</b>. Final official transcripts (see below) must be submitted on or before May</p>
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	<p><b>Type of Action:</b> change Regular, Discretionary, and First Nations Applicants application deadline from February 1 to December 1 and change Transfer, Letter of Permission, Advanced Standing, and National Committee application deadline from May 31 to April 30.</p> <p><b>Rationale:</b> application deadline change to align it with other schools across Canada including the University of Victoria (which has just changed its deadline to December 1<sup>st</sup> and the upper level to April 30<sup>th</sup>). These deadlines have been approved by the Dean, the Admissions Committee and the Law Students Society. For admission to the 2012 Winter Session, the Faculty will continue to accept applications until the current Feb. 1 deadline.</p>
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26 August 2011

**CURRICULUM COMMITTEE**  
**Vancouver Senate**  
2016 - 1874 East Mall  
Vancouver, B.C. Canada V6T 1Z1

To: Vancouver Senate

From: Senate Curriculum Committee

Re: Summer Curriculum Proposals (approval)

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In accordance with rule 28 (b) of the *Rules and Procedures of the Vancouver Senate*, this is to inform you that the Senate Curriculum Committee has approved the attached new courses from the Faculty of Graduate Studies (Arts) and the Faculty of Arts.

The committee respectfully requests that Senate resolve as follows:

*That Senate ratify the decisions of the Senate Curriculum Committee regarding the attached proposals.*

Respectfully submitted,

Peter Marshall, Chair  
Senate Curriculum Committee



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: 1

<b>Faculty:</b> Arts <b>Department:</b> Journalism <b>Faculty Approval Date:</b>  <b>Effective Session</b> 2011 Winter Term 1	<b>Date:</b> September 11, 2010 <b>Contact Person:</b> David Beers, Adjunct Professor <b>Phone:</b> 604-688-7483 <b>Email:</b> davidbeers@telus.net
<b>Proposed Calendar Entry:</b>  JRNL 550 (3) Feature Writing.	<b>URL:</b> N/A  <b>Present Calendar Entry:</b> N/A  <b>Type of Action:</b> Create New Course  <b>Rationale:</b> This course builds on Integrated Journalism (JRNL 515) by taking up a particular area of journalism, feature writing, and offering an exploration in depth. The course will devote attention to long-form feature articles with engaging and distinctive voice, literary style and structure in online and print. It will also focus on the development and refinement of effective advanced research and interviewing techniques. It is important that we provide our graduate students with an elective in this area.



THE UNIVERSITY OF BRITISH COLUMBIA

UBC Curriculum Proposal Form  
Change to Course or Program

Category: (1)

<b>Faculty:</b> Arts <b>Department:</b> History <b>Faculty Approval Date:</b> 3 MAY 2011 <b>Effective Session</b> _W_ <b>Term</b> _Fall_ <b>Year</b> _2011_ <b>for Change</b>	<b>Date:</b> 20 October <b>Contact Person:</b> Glen Peterson <b>Phone:</b> 2-5177 <b>Email:</b> glpeters@interchange.ubc.ca
<b>Proposed Calendar Entry:</b>  HIST 390 (3) Topics in History Small-group instruction in a seminar format on a variety of historical topics. Check with the department for course offerings. This course does not satisfy the History Majors Research Seminar (490) requirement. This course is not eligible for Credit/D/Fail grading.	<b>URL:</b>  <b>Present Calendar Entry:</b>  <b>Type of Action:</b> New Course  <b>Rationale for Proposed Change:</b> To provide more small-group instruction in a seminar format on historical topics close to different instructors' research areas. The seminars will focus on readings and will not require a major research paper based on primary research as is the case with our undergraduate research seminars (HIST 490).

# THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Nominating Committee  
c/o  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1

September 2, 2011

To: Vancouver Senate

From: Nominating Committee

Re: **Membership of Committees of Senate 2011-2014 (approval)**

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The outgoing Nominating Committee is pleased to present for Senate approval the attached membership of the Committees of Senate for the 2011-2014 triennium.

***Motion:*** *That Senate approve the membership of the Committees of Senate for the 2011-2014 triennium as circulated.*

Respectfully submitted,

Dr. Rhodri Windsor-Liscombe, Chair  
Vancouver Senate Nominating Committee

# THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Secretariat  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1

## **Vancouver Senate 2011 – 2014 Committee Assignments**

### **Academic Building Needs Committee**

Composition: 11 Senators, including 3 student members and 1 Convocation member  
Quorum: 5

1. Kenneth Baimbridge (Medicine)
2. Thomas Brennan (Student At-large – Arts)<sup>1</sup>
3. Imran Habib (Student At-large – Arts)<sup>1</sup>
4. Stanley Knight (Convocation)
5. Andrew Riseman (Land and Food Systems)
6. Lance Rucker (Dentistry)
7. Aaron Sihota (Student – Pharmaceutical Science)<sup>1</sup>
8. Robert Sparks (Joint Faculties – Education)
9. Sally Thorne (Joint Faculties – Applied Science/Nursing)
10. Mark Vessey (Arts)
11. Rhodri Windsor-Liscombe (Joint Faculties – Graduate Studies)

### **Academic Policy Committee**

Composition: 13 Senators, including 2 student members and 2 Convocation members  
Quorum: 7

1. Thomas Brennan (Student At-large – Arts)<sup>1</sup>
2. Michael Burgess (Principal – College for Interdisciplinary Studies)
3. Gwen Chapman (Land and Food Systems)
4. Benjamin Goold (Law)
5. Séan Haffey (Convocation)
6. Paul Harrison (Joint Faculties – Science)
7. Philip Loewen (Graduate Studies)
8. William McKee (Joint Faculties – Education)
9. Susan Porter (Dean – Graduate Studies)
10. Brian Stelck (Affiliated Colleges Rep. – Carey Theological College)
11. Shannon Sterling (Convocation)
12. Rhodri Windsor-Liscombe (Joint Faculties – Graduate Studies)
13. Justin Yang (Student At-large – Science)<sup>1</sup>

<sup>1</sup>Student assignments were approved at the 18 May 2011 meeting of the Vancouver Senate.



### **Admissions Committee**

Composition: 9 Senators, including 2 student members and 1 Convocation member  
Quorum: 5

1. Richard Anstee (Joint Faculties – Science)
2. Peter Choi (Joint Faculties – Medicine)
3. Bikkar Lalli (Convocation)
4. Saba Marzara (Student – Science) <sup>1</sup>
5. William McNulty (Convocation)
6. Donal O'Donoghue (Education)
7. Robyn Sneath (Student – Education) <sup>1</sup>
8. Robert Sparks (Joint Faculties – Education)
9. Ralph Winter (Commerce & Business Administration)

### **Agenda Committee**

Composition: 7 Senators, including 2 student members  
Quorum: 4

1. Mary Ann Bobinski (Dean – Law)
2. Paul Harrison (Joint Faculties – Science)
3. Sean Heisler (Student – Applied Science) <sup>1</sup>
4. Darrin Lehman (Arts)
5. Matt Murray (Student – Forestry) <sup>1</sup>
6. Louise Nasmith (Principal – College of Health Disciplines)
7. Robert Sparks (Joint Faculties – Education)

### **Appeals on Academic Standing Committee**

Composition: 11 Senators, 6 of whom are Faculty, 3 of whom are student members and 2 of whom are members of Senate who are neither Faculty members nor students  
Quorum: 5

1. Joe Belanger (Convocation)
2. Ryan Bredin (Student At-large – Medicine) <sup>1</sup>
3. Gwen Chapman (Land and Food Systems)
4. Brendan Craig (Student – Law) <sup>1</sup>
5. William Dunford (Applied Science)
6. Bikkar Lalli (Convocation)
7. Peter Leung (Medicine)
8. Saba Marzara (Student – Science) <sup>1</sup>
9. Lance Rucker (Dentistry)

<sup>1</sup>Student assignments were approved at the 18 May 2011 meeting of the Vancouver Senate.



10. Dan Simunic (Commerce & Business Administration)

11. Lawrence Walker (Graduate Studies)

### **Curriculum Committee**

Composition: 18 Senators, including 5 student members and 3 Convocation members

Quorum: 9

1. Kenneth Baimbridge (Medicine)
2. Joe Belanger (Convocation)
3. Lawrence Burr (Convocation)
4. Carolee Changfoot (Student – Arts)<sup>1</sup>
5. Blye Frank (Dean – Education)
6. Benjamin Goold (Law)
7. Bikkar Lalli (Convocation)
8. Jack Leung (Student – Commerce and Business Administration)
9. Peter Marshall (Forestry)
10. Katharine Patterson (Joint Faculties – Arts)
11. Ronald Reid (Joint Faculties – Pharmaceutical Sciences)
12. Andrew Riseman (Land and Food Systems)
13. Trish Rosseel (Representative of the Professional Librarians)
14. Nazgol Seyednejad (Student – Medicine)<sup>1</sup>
15. Santokh Singh (Science)
16. Justin Yang (Student At-large – Science)<sup>1</sup>
17. Vacancy (Student)
18. Vacancy

### **Library Committee**

Composition: 14 Senators, including 4 students and 2 Convocation members

Quorum: 5

1. Gage Averill (Dean – Arts)
2. Thomas Brennan (Student At-large – Arts)<sup>1</sup>
3. Lawrence Burr (Convocation)
4. Carolee Changfoot (Student – Arts)<sup>1</sup>
5. Lynda Eccott (Pharmaceutical Science)
6. Wendy Hall (Joint Faculties – Applied Science/Nursing)
7. Stanley Knight (Convocation)
8. Donal O'Donoghue (Education)
9. Katharine Patterson (Joint Faculties – Arts)
10. Simon Peacock (Dean – Science)

<sup>1</sup>Student assignments were approved at the 18 May 2011 meeting of the Vancouver Senate.



11. Aaron Sihota (Student – Pharmaceutical Science)<sup>1</sup>
12. Robert Sindelar (Dean – Pharmaceutical Sciences)
13. Mark Vessey (Arts)
14. Vacancy (Student)

### **Student Appeals on Academic Discipline**

Composition: 11 Senators, including 3 student members and 2 Convocation members

Quorum: 5

1. Tariq Ahmed (Convocation)
2. Bonnie Craig (Dentistry)
3. Brendan Craig (Student – Law)<sup>1</sup>
4. Darran Fernandez (Convocation)
5. Sue Grayston (Forestry)
6. Murray Isman (Dean – Land and Food Systems)
7. Philip Loewen (Graduate Studies)
8. Bruce MacDougall (Law)
9. Matt Murray (Student – Forestry)<sup>1</sup>
10. Trish Rosseel (Representative of the Professional Librarians)
11. Kevin Truong (Student – Land and Food Systems)<sup>1</sup>

### **Student Awards Committee**

Composition: 8 Senators, including 2 student members and 1 Convocation member

Quorum: 4

1. Tyseer Aboulnasr (Dean – Applied Science)
2. Sue Grayston (Forestry)
3. Imran Habib (Student At-large – Arts)<sup>1</sup>
4. André Ivanov (Applied Science)
5. Nancy Perry (Education)
6. Brian Stelck (Affiliated Colleges Rep. – Carey Theological College)
7. Michael Thom (Convocation)
8. Kevin Truong (Student – Land and Food Systems)<sup>1</sup>

### **Teaching & Learning Committee**

Composition: 11 Senators, including 3 student members and 1 Convocation member

Quorum: 6

1. Kenneth Baimbridge (Medicine)
2. Erin Biddlecombe (Convocation)

<sup>1</sup>Student assignments were approved at the 18 May 2011 meeting of the Vancouver Senate.



3. Ryan Bredin (Student At-large – Medicine)<sup>1</sup>
4. Blye Frank (Dean – Education)
5. Mark Hagemoen (Affiliated Colleges Rep. – St. Mark's College)
6. Wendy Hall (Joint Faculties – Applied Science/Nursing)
7. André Ivanov (Applied Science)
8. Nancy Perry (Education)
9. Spencer Rasmussen (Student At-large – Arts)<sup>1</sup>
10. Ronald Reid (Joint Faculties – Pharmaceutical Science)
11. Aaron Sihota (Student – Pharmaceutical Science)<sup>1</sup>

### **Tributes Committee**

Composition: 13 Senators, including 2 student members and 2 Convocation members  
Quorum: 8

1. Gage Averill (Dean – Arts)
2. John Innes (Dean – Forestry)
3. Murray Isman (Dean – Land and Food Systems)
4. Darrin Lehman (Arts)
5. Peter Leung (Medicine)
6. Bruce MacDougall (Law)
7. Saba Marzara (Student – Science)<sup>1</sup>
8. Judith Plessis (Continuing Education)
9. Nazgol Seyednejad (Student – Medicine)<sup>1</sup>
10. Michael Thom (Convocation)
11. Sally Thorne (Joint Faculties – Applied Science/Nursing)
12. Des Verma (Convocation)
13. Ralph Winter (Commerce and Business Administration)

### **Council of Senates Budget Committee**

Composition: "...Nine (9) members of the Vancouver Senate appointed by and from the Vancouver Senate, who must include at least six (6) faculty members and two (2) students."

1. Richard Anstee (Joint Faculties – Science)
2. Kenneth Baimbridge (Medicine)
3. Carolee Changfoot (Student – Arts)<sup>1</sup>
4. William Dunford (Applied Science)
5. Benjamin Goold (Law)
6. Séan Haffey (Convocation)
7. Peter Marshall (Forestry)
8. Dan Simunic (Commerce and Business Administration)

<sup>1</sup>Student assignments were approved at the 18 May 2011 meeting of the Vancouver Senate.



9. Vacancy (Student)

#### **Council of Senates Elections Committee**

Composition: "...Three (3) members appointed by and from the Vancouver Senate, who must include at least one (1) faculty member and one (1) student.

1. Mary Ann Bobinski (Dean – Law)
2. Jack Leung (Student – Commerce and Business Administration)<sup>1</sup>
3. Sally Thorne (Joint Faculties – Applied Science/Nursing)

#### **Carey Theological College Board of Administration and Senate**

1. Vacancy

#### **Regent College Senate**

1. Lawrence Walker (Graduate Studies)

#### **St. Mark's College Senate**

1. Séan Haffey (Convocation)

#### **Vancouver School of Theology Academic Policy Committee**

1. Mark Vessey (Arts)

<sup>1</sup>Student assignments were approved at the 18 May 2011 meeting of the Vancouver Senate.

# THE UNIVERSITY OF BRITISH COLUMBIA



Vancouver Senate Student Awards Committee  
c/o  
Enrolment Services | Senate & Curriculum Services  
Brock Hall 2016 – 1874 East Mall  
Vancouver BC V6T 1Z1

**August 24, 2011**

From: Senate Committee on Student Awards, Vancouver

To: Senate

Re: New Awards (September 2011)

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The Student Awards Committee recommends:

*That Senate accept the awards as listed and forward them to the Board of Governors for approval; and that letters of thanks be sent to the donors.*

**R & Z BAILEY Bursary in Pharmacy:** Bursaries totalling \$1,000 have been made available by R & Z Bailey. The bursaries are offered to one or more undergraduate students in the Faculty of Pharmaceutical Sciences who graduated from a high school in British Columbia, with first preference given to those students who graduate from a high school outside of the metro Vancouver area. Recommendation is made by the Office of Student Financial Assistance and Awards. (First Award Available in the 2011/12 Winter Session)

**Allan CHAN Memorial Entrance Scholarship in Law:** A \$1,000 scholarship has been endowed by family and friends in memory of Allan Chan (B.A. '98, LL.B '01) for undergraduate students entering the J.D Program. The award is made on the recommendation of the Faculty of Law to the student with the highest academic achievement. (First Award Available in the 2011/12 Winter Session)

**Marg CSAPO Graduate Scholarship in Special Education:** A \$1,000 scholarship has been endowed by Marg Csapo to a student from a developing country who is pursuing his/her Ph.D. in Special Education. In the event that there is not a suitable candidate at the Ph.D. level, the scholarship may be awarded to a Master's student in Special Education from a developing country. The award is made on the recommendation of the Department of Educational and Counselling Psychology and Special Education in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

**Allan Eugene DAHM and Jacqueline O'Neill DAHM Memorial Bursary in Medicine:** Bursaries totalling \$10,000 have been endowed in memory of Allan Eugene Dahm and Jacqueline O'Neill Dahm to provide funding for undergraduate medical students enrolled in the Faculty of Medicine Southern Medical Program. Recommendations are made by the Office of Student Financial Assistance and Awards. (First Awards Available in the 2011/12 Winter Session)

**Faculty Women's Club Maebritte JEFFELS Scholarship:** A \$1,000 scholarship has been endowed by Maebritte Jeffels for a student in the MD program who has demonstrated an aptitude for and interest in Orthopaedic Medicine. Mrs. Jeffels suffered from polio as a child, which sparked her interest in Orthopaedic Medicine. She eventually became an orthopaedic nurse in England and served in a clinic there during World War II. When Mrs. Jeffels and her husband, Ronald Jeffels, moved to Vancouver in 1951 for him to take an appointment with UBC's French Department, Mrs. Jeffels became involved in the Faculty Women's Club, and served as President from 1961-1962. The award is made on the recommendation of the Department of Orthopaedics in the Faculty of Medicine. (First Award Available in the 2011/12 Winter Session)

**Dr. Murray A. FLOCK Memorial Bursary in Medicine:** A \$1,000 bursary is offered to an undergraduate student enrolled in the Faculty of Medicine Southern Medical Program at the University of British Columbia in memory of the late Murray Alexander Flock MD and his 55 years of service as a family physician. The bursary is made on the recommendation of the Office of Student Financial Assistance and Awards for a student who demonstrates financial need. (First Available in the 2011/12 Winter Session)

**GRADUATING Class of 1986 Award in Dentistry:** A \$1,000 award has been endowed by the members of the Class of 1986 to a second year DMD student who demonstrates leadership in their class or community. Financial need may be taken into consideration. Recommendation is made by the Faculty of Dentistry. (First Award Available in the 2011/12 Winter Session)

**GRADUATING Class of 1961 Rod Smith Memorial Bursary:** A \$1,000 bursary has been endowed by the Medicine Class of 1961 in memory of Dr. Rod Smith, an accomplished neurosurgeon, and a creative musical and theatre artist, and all those classmates who have died during the 50 years since class graduation. The bursary is made on the recommendation of the Office of Student Financial Assistance and Awards. (First Award Available in the 2012/13 Winter Session)

**Jimmy GREWAL Memorial Award in Business:** Awards totalling \$2,500 are offered by the Grewal family and friends in loving memory of their son Jimmy Grewal. Jimmy was passionate about the environment and planned to study at UBC. The awards are for outstanding undergraduate or graduate students at the Sauder School Business who are passionate about the environment and have a demonstrated record of volunteering and community service. The awards are made on the recommendation of the Sauder School of Business and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

**Jimmy GREWAL Memorial Award in Geography:** Awards totalling \$2,500 are offered by the Grewal family and friends in loving memory of their son Jimmy Grewal. Jimmy was passionate about the environment and planned to study at UBC. The award is for outstanding undergraduate or graduate students in Geography who are passionate about the environment and have a demonstrated record of volunteering and community service. The awards are made on the recommendation of the Department of Geography

and, in the case of graduate students, in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

**Marjorie GRIFFIN Memorial Bursary:** A \$1,000 bursary is offered by friends and family in memory of Marjorie Griffin to recognize students in the School of Library, Archival and Information Studies who demonstrate an interest in special libraries or library automation and who have demonstrated financial need. Marjorie Griffin received her BA from UBC and went on to be an innovator in the development of on-line library information systems. The bursary is made on the recommendation of the Office of Student Financial Assistance and Awards. (First Award Available in the 2011/12 Winter Session)

**GSS Open Scholar Award:** Four \$750 awards are offered through a collaboration of the Graduate Student Society, cIRcle/UBC Library and the VP Office of Research and International to graduate students who has submitted either a manuscript or project to UBC's digital repository, cIRcle. To be considered, candidates must submit to cIRcle during the year. Selections will be made based on a lottery system held twice a year in October and April. Recommendations are made by the UBC cIRcle Division in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

**HSBC Women in Business Leadership Award:** A \$10,000 award is offered to a female student entering the third year of the Bachelor of Commerce degree program in the Sauder School of Business at the University of British Columbia, selected on the basis of academic achievement and leadership potential. Provided the award winning student maintains award standing this award may be renewable in the final year of study. Recommendation is made by the Sauder School of Business. (First Award Available in the 2011/12 Winter Session)

**Gay HUCHELEGA Memorial Bursary:** Two bursaries of \$500 each are offered by friends and family of Gay Huchelega to undergraduate students within the Faculty of Land and Food Systems. Gay Huchelega, 1992 UBC President's Service Award Winner, joined the Faculty of Agriculture Staff in 1971. During her career, which spanned more than 25 years, Gay was promoted to positions that showcased her commitment to education, research and students. The bursary is made on the recommendation of the Office of Student Financial Assistance and Awards. (First Award Available in the 2011/12 Winter Session)

**Gary and Louise KENWOOD Forestry Award:** A \$1,000 award has been endowed by Gary and Louise Kenwood for undergraduate students enrolled in the Faculty of Forestry, with preference given first and foremost to Aboriginal students. If there are no eligible Aboriginal students in any given year the award may be given to students with a demonstrated interest and strength in Aboriginal issues. The award is made on the recommendation of the Faculty of Forestry. (First Award Available in the 2011/12 Winter Session)

**Morley KOFFMAN Bursary:** A \$1,000 bursary has been endowed by Morley Koffman for a law student who demonstrates financial need. Recommendation is made by the Office of Student Financial Assistance and Awards. (First Available in the 2012/13 Winter Session)

**Dennet KUAN Memorial Award:** Awards totalling \$1,000 have been endowed by Janet, Jennifer and Ryan Kuan in memory of Dennet Kuan (MBA, BSc) for undergraduate or graduate students with a physical disability in any year and faculty. The award was established as a reflection of Dennet's dedication to assisting people with a physical disability and to helping those who wish to continue their education. Dennet was a UBC alumnus who, in 2000, set up a UBC scholarship in memory of his father, Mann Kuan. When Dennet's son was born in 1994 with complex challenges, Dennet's "we can" attitude shaped and supported Ryan in facing their world. After a successful career in Forestry, Dennet made a career change. In his new career, he used his direct knowledge of the obstacles faced by individuals with a physical disability to help them and their families access a variety of equipment and assistive technology needs. Dennet passed away in 2009 at the age of 53. The award requires a special application which is available from the Student Financial Assistance and Awards Office, the Crane Library and the Disability Centre. Applications must be submitted by October 15. The award is made on the nomination of the Committee on Awards for Students with Disabilities. (First Available in the 2012/13 Winter Session)

**Chui Yin LAI Memorial Scholarship:** Two scholarships of \$500 each are offered in memory of Chui Yin Lai to undergraduate students majoring in Philosophy with outstanding academic achievements. Chui Yin Lai was a dedicated teacher and school counsellor who guided her students with kindness and patience, touching the hearts and lives of hundreds of young people over her 30 year career. Chui Yin Lai became a strong supporter of the Department of Philosophy when her daughter began her undergraduate study in philosophy at UBC in 1999. This scholarship is established in memory of Chui Yin Lai and her support for the Department of Philosophy. Recommendations are made by the Department of Philosophy. (First Award Available in the 2011/12 Winter Session)

**LOCKHEED Martin Award in Materials Engineering:** Awards totalling \$2,000 have been made available by Lockheed Martin Corporation to support fourth year undergraduate students in Materials Engineering. This annual award is made to two student teams per year, one award of \$1,000 in each semester of a given academic year. The award will be made to the student team with the highest grade for the Capstone Design Project in each semester. The projects are adjudicated by an academic panel and awards made on the recommendation of the Department of Materials Engineering. (First Award Available in the 2011/12 Winter Session)

**Donna LOGAN Scholarship in Investigative Journalism:** A \$700 scholarship has been endowed by friends and family in honour of Professor Donna Logan, Founding Director of the UBC School of Journalism. Professor Logan has devoted her professional and academic life to the promotion of the highest standards of journalism in Canada and abroad. The award is offered to a student in their final year of the Master's of Journalism program who holds the highest overall average in their previous year of study and who

has indicated an interest in pursuing a career in investigative journalism. The award is made on the recommendation of the School of Journalism in consultation with the Faculty of Graduate Studies. (First Award Available in the 2012/13 Winter Session)

**Edward PIERS Memorial Award in Organic Chemistry:** An annual award for a minimum of \$1,000 is offered in memory of Dr. Edward Piers and in celebration of his distinguished career in the Department of Chemistry. The award is open to graduate students in any branch of Organic Chemistry (including synthetic, bioorganic, organometallic or materials) who demonstrate qualities of academic excellence, experimental skill and dedication to the field through service and leadership. During more than forty years on campus, Dr. Piers mentored more than 90 graduate students and postdoctoral fellows and inspired many to pursue careers in chemistry. His many accomplishments resulted in his election to Fellowship in the Royal Society of Canada in 1989. Dr. Piers also made significant leadership contributions to the profession of chemistry in Canada and was widely respected among his peers – “a true scholar and gentleman.” Recommendations are made by the Department of Chemistry, in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

**Professor Mo STEINBERG Memorial Award in English Literature:** A \$1,000 award is offered by friends and family in memory of Dr. Moses “Mo” Wolfe Steinberg, a UBC professor of English literature (MA Queens, PhD Toronto) for 52 years, commencing in 1946. He instilled a love of literature in thousands of students and was twice honoured as UBC Master Teacher. He was one of the driving forces behind the creation of the Arts One program and served on numerous university committees as well as on the Senate, Board of Governors, and as an executive member of the Faculty Association. Outside the University he was active in numerous cultural and educational endeavours. The award is to be given to the student who best exemplifies an amalgam of academic excellence in English literature and the attributes of good citizenship. The recommendation is made by the Department, and in the case of graduate students, in consultation with the Faculty of Graduate Studies. (First Award Available in the 2011/12 Winter Session)

**SIGMA Chi Entrance Award:** A \$1,000 award is offered by Sigma Chi to students entering their first year of university in any field of study. Since the Delta Omicron chapter of Sigma Chi established itself at UBC in 1949, Sigma Chi has been an organization for serious-minded young men to grow into values-based leaders and develop lifelong ideals together. The award is to recognize student leadership and academic achievement in a male student entering his first year of study with preference that the recipient demonstrate the qualities that meet the standards of Sigma Chi membership: a man of high character, a student of fair ability, with ambitious purposes, a congenial disposition, possessed of good morals, having a high sense of honour, and a deep sense of personal responsibility. Recommendation is made by the Office of Student Financial Assistance and Awards. (First Award Available in the 2011/12 Winter Session)

**STIKEMAN Elliot LLP Award:** A \$2,000 award is offered by Stikeman Elliot LLP to a student entering the 2<sup>nd</sup> year of the JD program. Preference will be given to students who

demonstrate academic excellence and an interest in business law. The recommendation will be made by the Faculty of Law. (First Award Available in the 2011/12 Winter Session)

**STIKEMAN Elliot LLP Scholarship:** Two \$2,500 scholarships are offered by Stikeman Elliot LLP to students entering the 2<sup>nd</sup> year of the JD program who have demonstrated academic excellence. The recommendation will be made by the Faculty of Law. (First Award Available in the 2011/12 Winter Session)

**STUART Olson Dominion Construction Management Engineering Award:** Awards totalling \$2,000 are offered by Stuart Olson Dominion Construction Ltd. to third or fourth year students in the Civil Engineering Program who demonstrate excellence in the study of construction management. To be considered, candidates must have achieved at least a B average in their previous year of study. Recommendations are made by the Department of Civil Engineering in the Faculty of Applied Science. (First Award Available in the 2011/12 Winter Session)

**Kwong-Leung TANG Doctoral Entrance Scholarship in Social Work:** A \$2,000 scholarship has been endowed by Dr. Kwong-Leung Tang, former Director of the School of Social Work (2009-2011), to encourage and attract high-calibre applicants to UBC's School of Social Work doctoral program. Preference will be given to students interested in pursuing a career in macro-level social work practice, including: 1) Canadian and global social policy studies on housing, social security, health, employment and/or immigration; 2) law and social work practice; or 3) local and international social and community development. The award is made on the recommendation of the School of Social Work in consultation with the Faculty of Graduate Studies. (First Award Available in the 2012/13 Winter Session)

#### **Previously-Approved Awards with Changes in Terms or Funding Source:**

**Anglo American Scholarship** - Two or more \$5,000 scholarships are offered by Anglo American plc to students in their third or fourth year of Geological Sciences. Criteria are excellence in geochemistry with application to mineral exploration and demonstrated enthusiasm and aptitude in the subject. Preference may be given to students who have successfully completed one or more relevant upper level Chemistry courses. These awards are made on the recommendation of the Department of Earth and Ocean Sciences.

How Amended: Removed requirement for students to be a double major in the Honours program. The department will be able to assign the scholarship based on the revised wording. (Requested change to take effect for the 2011W Session)

**W. Gordon Brandreth Prize in Kinesiology** - A \$225 prize has been endowed by Bertha Brandreth in memory of her husband W. Gordon Brandreth. The award is offered to a student registered in years three or four of the Kinesiology and Health Program in the School of Kinesiology.

How amended: Removal of "Health and Fitness Program" as the Health and Fitness program is no longer offered in the School of Kinesiology and there are no

longer any students in the School who have not completed their studies in the Health and Fitness Program. Students who are interested in courses related to Health and Fitness register in the Kinesiology and Health program in the School of Kinesiology. In addition, there has been a Senate approved revision of the school from the School of Human Kinetics to the School of Kinesiology. The description has been revised based on this change. (Requested change to take effect for the 2011W Session)

**Charles Chan-Kent Golden Wedding Anniversary Bursary** - A \$750 bursary is offered by the Charles Chan-Kent Foundation to a student who is proceeding to a degree in any field, having successfully completed at least one year at UBC and demonstrated financial need. Preference is given to a student originates from British Columbia.

How amended: Removed requirement that the student be of Chinese descent and increased value to \$750/year. (Requested change to take effect for the 2011W Session)

**Concert Properties Leaders' Award** - An award of \$5,000 is offered to an outstanding undergraduate student entering their fourth year in the Real Estate option in the Bachelor of Commerce Program at the Sauder School of Business. This award was established to mark the 20th anniversary of Concert Real Estate Corporation, and honours the commitment, perseverance and vision of the founding and leading supporters of Concert who have been instrumental in Concert's success. This award is made on the recommendation of the Sauder School of Business to a student in good academic standing who can demonstrate intent to enter a career in the real estate industry. Preference will also be given to a student who has demonstrated leadership and service in the UBC campus community and/or the wider community.

How amended: Changed to entering the fourth year with inclusion of a preference that the award is given to a student who demonstrates an interest in entering the real estate industry. (Requested change to take effect for the 2011W Session)

**Judith Gurney Memorial Bursary in Medicine** - Bursaries totalling \$2,000 are offered by the estate of Judith Gurney through her son, Derek Gurney, for students in the M.D. Program who are in need of financial assistance.

How amended: The endowment fund has been collapsed and UBC is offering bursaries totalling \$2,000/year until the funds are depleted. The Board of Governors has approved the collapse of the endowment. (Requested change to take effect for the 2011W Session)

**Meg Hickling Prize in Sexual Health Education & Development** - Two prizes of \$100 each have been endowed by friends and colleagues in honour of Meg Hickling, R.N., to recognize her 27 years of service to individuals, families and the community as a sexual health educator. The prize is offered to a student completing the fourth year of a Bachelor of Science in Nursing who has achieved high standing in at least three courses in community health and education, covering topics such as Family Studies, Community Health, Women's Health, Children/Child Bearing, and principles of education. The award is made on the recommendation of the School of Nursing.

How amended: Removal of reference to May and November graduating timeframes as the program has changed. (Requested change to take effect for the 2011W Session)

**Heather Lawson Memorial Scholarship** - As a memorial to Heather Lawson, a third year student in the School of Physical Education and Recreation who was tragically killed in a skiing accident in March, 1972, her parents, Mr. and Mrs. D. J. Lawson of Victoria, have endowed a scholarship of \$650. It is awarded to a student, preferably a woman, enrolled in the Bachelor of Kinesiology degree program, registered in third year of the Inter-disciplinary Studies program.

How amended: Removal of 'leisure & sport' because Leisure and Sport Management program is no longer offered in the School of Kinesiology and there are no longer any students in the School who have not completed their studies in the Leisure and Sport Management Specialization. Students interested in 'leisure and sport' apply to the inter-disciplinary studies program. In addition, there has been a Senate approved revision of the school from the School of Human Kinetics to the School of Kinesiology. The description has been revised based on this change. (Requested change to take effect for the 2011W Session)

**Jessie MacCarthy Scholarship in Nursing** - A scholarship of \$700 has been endowed by family, friends, and colleagues of the late Jessie MacCarthy, to recognize her leadership in community health nursing, epidemiology, nursing education and research. The award is made on the recommendation of the School of Nursing to a student enrolled in the B.S.N. program, who has completed a minimum of 21 credits. In making the award, financial need is a consideration.

How amended: Removal of reference to 'registered nurse' as the program to certify existing RNs is on hold. (Requested change to take effect for the 2011W Session)

**Nicki Magnolo Memorial Graduate Prize** - Prizes totalling \$500 are offered by family and colleagues in memory of Ms. Nicki Magnolo, an alumna (B.A. 2001 in Asian Studies), graduate student and teaching assistant in the Department of Asian Studies who passed away in 2004. The prize is awarded on the recommendation of the Department to a graduate student who has worked as a teaching assistant in the Department.

How amended: Opened up the wording to allow for more than one prize to be assigned. (Requested change to take effect for the 2011W Session)

**Peter Andrew Marron Memorial Award** - A \$300 award has been endowed in memory of Peter Andrew Marron by his father George A. Marron. The award is available to a student in the School of Kinesiology who is in the Kinesiology and Health Program or involved in research work who displays scholarship, leadership and perseverance. Preference will be given to a student working in the Buchanan Lab or comparable programme. The award is made on the recommendation of the School of Kinesiology.

How amended: Removal of the "Exercise Science program" as it is no longer offered in the School of Kinesiology and there are no longer any students in the School who have not completed their studies in the Exercise Science Program. In addition, there has been a Senate approved revision of the School from the School

of Human Kinetics to the School of Kinesiology. The description has been revised based on this change. (Requested change to take effect for the 2011W Session)

**Phi Delta Kappa Scholarship in Education** - A scholarship of \$1,000, a gift of the UBC Chapter of Phi Delta Kappa, is awarded to a prospective educator who is entering an undergraduate degree program in the Faculty of Education. The award is made to a student who not only has a strong academic record but who also has shown a potential for teaching. The award is made on the recommendation of the Faculty.

How amended: Changed from recognizing a student who is continuing program to one who is entering Bachelor of Education program. (Requested change to take effect for the 2011W Session)

**Marion Ricker Memorial Scholarship in Nursing** - A scholarship of \$450 has been endowed by Dr. W. E. Ricker in memory of his wife Marion T. Ricker, R.N., B.A.Sc. 1931. The award is made on the recommendation of the Director of the School of Nursing, to a student who is entering or continuing a program leading to the degree of B.S.N.

How amended: Removal of reference to 'registered nurse' as the program to certify existing RNs is on hold. (Requested change to take effect for the 2011W Session)

**John B. Service Memorial Prize in Kinesiology** - A \$125 prize has been endowed by family and friends in memory of John B. Service. The award is offered to a student specializing in the Kinesiology and Health Program and is made on the recommendation of the School of Kinesiology and, in the case of graduate students, in consultation with the Faculty of Graduate Studies.

How amended: Removal of 'Health and Fitness' as it is no longer offered in the School of Kinesiology and there are no longer any students in the School who have not completed their studies. Students who are interested in courses related to Health and Fitness register in the Kinesiology and Health program in the School of Kinesiology. In addition, there has been a Senate approved revision of the school from the School of Human Kinetics to the School of Kinesiology. The description has been revised based on this change. (Requested change to take effect for the 2011W Session)

**Walter Shukin Memorial Scholarship** - A \$1,250 scholarship has been endowed by Klohn Crippen Ltd. and the Paul Poohachow family in memory of Walter Shukin. Walter graduated in Civil Engineering from UBC in 1970, and had been a highly esteemed member of Klohn Leonoff Ltd. from time of graduation until his death in 1986. The award is made to an undergraduate student entering fourth year in Civil Engineering who combines a high academic standing with participation in other university or professional activities. The award is made on the recommendation of the Department of Civil Engineering.

How Amended: Removed the word 'Consultants' from the description in light of the corporate name change. (Requested change to take effect for the 2011W Session)

**Stuart Olson Dominion Construction Ltd** - A \$175 scholarship has been endowed by Stuart Olson Construction Inc. for an undergraduate student in Management Information Systems. The award is made on the recommendation of the Faculty of Commerce and Business Administration.

How Amended: Inclusion of “*Dominion*” in the title of the award as per the donor’s request to reflect the new corporate name. (Requested change to take effect for the 2011W Session)

**Gurminder Singh Tatra Bursary** - Five bursaries of \$1,000 each are offered by Dr. Gurminder S. Tatra to undergraduate students in the D.M.D program. Two \$1,000 bursaries are offered to students entering their first year, and a \$1,000 bursary is offered to students entering their second, third and fourth years of study. Dr. Tatra was a Dental Officer in the Canadian Forces who completed his dental school education at UBC under the "Dental Officer Training Program". The bursary was created to help support dental students who are in financial need.

How Amended: Increased financial support to offer a fifth bursary to a 4<sup>th</sup> year DMD student. (Requested change to take effect for the 2011W Session)



a place of mind  
THE UNIVERSITY OF BRITISH COLUMBIA

Provost and Vice President Academic  
Walter C. Koerner Library  
1958 Main Mall  
Vancouver, BC Canada V6T 1Z2

Phone 604 822 4948  
Fax 604 822 3134

## MEMORANDUM

August 30, 2011

To: Senate, Vancouver  
c/o Lisa Collins, Manager of Secretariat Services

From: David H. Farrar  
Provost and Vice President Academic

A handwritten signature in dark ink, appearing to read 'DAF', followed by a horizontal line.

Re: Senate Approval of UBC Research Institutes

### Recommendation:

That Senate establish the Life Sciences Institute in the Faculties of Medicine and Science and;

That Senate establish the Child and Family Research Institute, the Providence Health Care Research Institute and the Vancouver Coastal Health Research Institute, in the Faculty of Medicine.

The Life Sciences Institute (LSI) has been jointly approved by both the Faculties of Science and Medicine. The Child and Family Research Institute (CRFI), The Providence Health Care Research Institute (PHCRI), and The Vancouver Coastal Health Research Institute (VCHRI) were officially designated as "Faculty of Medicine Research Institutes" by Faculty of Medicine Executive on November 16, 2010.

### Attachments:

1. Memorandum, dated July 20, 2011, from Dr. Gavin Stuart, Dean, Faculty of Medicine and Vice Provost Health
2. Academic Units in the Faculty of Medicine
3. The Life Sciences Institute – Senate Approval Proposal
4. The Child and Family Research Institute – Senate Approval Proposal
5. The Providence Health Care Research Institute – Senate Approval Proposal
6. The Vancouver Coastal Health Research Institute – Senate Approval Proposal





**a place of mind**  
THE UNIVERSITY OF BRITISH COLUMBIA

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# **MEMO**

Date : July 20, 2011

To : David Farrar  
Provost and Vice President Academic

From : Gavin Stuart  
Dean, Faculty of Medicine and Vice Provost, Health

Re : **Senate Approval of UBC Research Institutes**

On behalf of the Faculty of Medicine, I request that you to bring the following motion to Senate for approval:

"That Senate approve the following academic units as UBC Research Institutes:

- The Life Sciences Institute
- The Child and Family Research Institute
- The Providence Health Care Research Institute
- The Vancouver Coastal Health Research Institute"

The first has been jointly approved by both the Faculties of Science and Medicine. The other three were officially designated as "Faculty of Medicine Research Institutes" by Faculty of Medicine Executive on November 16, 2010.

## **Background:**

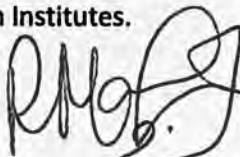
Until recently there was no clear definition of Institutes and Centres, nor a clear delineation of Senate-approved and non Senate-approved Centres, either within the Faculty or University wide. With the support of the Provost, the Executive Associate Dean Research was able to provide clarity and structure on this issue for the Faculty of Medicine. A document entitled "Academic Units in the Faculty of Medicine" was created with the purpose of providing definitions of Institutes/Centres/Research Programmes within the Faculty of Medicine, UBC and to provide guidelines for their review and renewal of leadership. This document expands upon the UBC Senate Academic policy recommendations of 2001 on the status of Institutes and Centres. The document, "Academic Units in the Faculty of Medicine", was accepted at Faculty Executive on February 16, 2011, and the motion to adopt the guidelines into practice was approved. To advance this process, four Research Institutes (LSI, CFRI, PHCRI, VCHRI) have been approved to date by Faculty Executive under the designation "Faculty of Medicine Institute". A proposal to create "The BC Cancer Agency Research Institute" is in preparation.


In the "Academic Units" document mentioned above, Institutes/Centres/Research Programmes are not intended to be permanent academic structures. Rather, such units provide organizational infrastructure to support cross-disciplinary research and scholarship that enhances the academic goals of the Faculty of Medicine and UBC. These units have a primary focus on research and do not offer undergraduate or graduate degree programmes. Those that are no longer productive or are no longer aligned with the strategic goals of the Faculty of Medicine and UBC would normally be phased out after an appropriate review process.

Research Institutes are normally associated with a single geographic location or an integrated network with a common administrative structure. Institutes may have a dual reporting relationship to UBC and a Health Authority. An Institute is composed of a number of Centres and Research Groups/Programmes covering a wide range of research areas and types of scholarship. Membership is typically >50 investigators crossing Departments/Schools/Centres and Faculties with additional affiliated investigators. An Institute does not normally hold faculty positions; all members are appointed in or jointly with academic Departments/Schools. Appointments to Institutes/Centres should be term appointments normally renewed at 5 year intervals. Financial resources for Institutes are normally provided by sources other than core UBC funding. Institutes may have members from more than one BC University.

The Institute Director is normally appointed for a term that may be renewed once. Where appropriate, such appointments will be made jointly with a Health Authority. Institutes will normally be reviewed prior to the re-appointment of the Director and at not less than 9 year intervals to monitor progress, productivity and relevance to the strategic plans of the participating Faculties and UBC. The format of the review will be broadly similar to that of Departments and Schools with primary emphasis on effective interdisciplinary research and the environment for research trainees. The Director will receive advice from a Steering Committee on the strategic directions and management of the Institute and will normally have an external Advisory Committee or Board.

Thank you for your consideration of the motion to approve the aforementioned academic units as UBC Research Institutes.

 (Vice Dean)

 Gavin C.E. Stuart, MD, FRCSC  
Dean, Faculty of Medicine  
Vice Provost, Health, UBC

Attachments:

1. Academic Units in the Faculty of Medicine
2. The Life Sciences Institute – Senate Approval Proposal
3. The Child and Family Research Institute - Senate Approval Proposal
4. The Providence Health Care Research Institute - Senate Approval Proposal
5. The Vancouver Coastal Health Research Institute - Senate Approval Proposal



FACULTY OF MEDICINE

### Academic Units in the Faculty of Medicine

The purpose of this document is to provide definitions of Institutes/Centres/Research Programmes within the Faculty of Medicine, UBC and to provide guidelines for their review and renewal of leadership. This document expands upon the UBC Senate Academic policy recommendations of 2001 on the Status of Institutes and Centres. This document will not affect current UBC policies with respect to the structure, review and leadership of Departments and Schools within the Faculty. It is recognized that some established units have designations that do not conform to these definitions. These will not be automatically changed. However, designations of new units will follow the definitions outlined below.

The academic Departments and Schools form the permanent structure of the Faculty.

Departments/Schools form the disciplinary backbone of the Faculty of Medicine. Schools are distinct from Departments in that the curriculum is accredited by an external regulatory body and may have additional autonomy within the University. Normally, all F-slots are assigned to these academic units. The educational mandate of the Departments/Schools is delivered through undergraduate education and graduate and post-graduate programmes, both disciplinary-based and cross-disciplinary/inter-professional. The research mission of a Department/School is delivered through both disciplinary and cross-disciplinary individuals/teams either located in Departmental/School or Research Institute/Centre space.

Departments/Schools may form *Divisions* to focus on specific recognized areas of expertise in the academic or service mandate. When these are based on sub-specialty disciplines recognized externally and subject to accreditation, they are approved at the Faculty Executive level. Normally, all F-slots in Divisions are assigned at the Departmental level. Divisions are responsible for the educational mandate of post-graduate programmes and participate in the undergraduate and graduate teaching of the Department as above. The research mission of a Division is delivered through both disciplinary and interdisciplinary individuals/teams either located in Departmental or Research Institute space. It should be noted that Divisions are not recognized at the level of Senate at UBC.

Institutes/Centres/Research Programmes are not intended to be permanent academic structures. These units provide infrastructure designed to support cross-disciplinary research and scholarship that enhances the academic goals of the Faculty of Medicine and UBC. These units have a primary focus on research and do not offer undergraduate or graduate degree programmes. Those that are no longer productive or are no longer aligned with the strategic goals of the Faculty of Medicine and UBC would normally be phased out after an appropriate review process.

Research Institutes are normally associated with a single geographic location or an integrated network with a common administrative structure. Institutes may have a dual reporting relationship to UBC and a Health Authority. An Institute is made up of a number of Centres and Research Groups/Programmes covering a wide range of research areas and types of scholarship. Membership is typically >50 investigators crossing Departments/Schools/Centres and Faculties with additional affiliated investigators. An Institute does not normally hold faculty positions; all researchers are appointed in or jointly with academic Departments/Schools, appointments to Institutes/Centres should be term appointments normally renewed at 5 year intervals. Institutes are normally funded by sources other than core UBC funding. Institutes may have members from more than one BC University.



## FACULTY OF MEDICINE

The Institute Director is normally appointed for a term not exceeding renewable once. These appointments, where appropriate, will be a joint appointment with a Health Authority. Normally Institutes will be reviewed prior to the re-appointment of the Director and not less than a 9 year interval to monitor progress, productivity and relevance to the strategic vision of the Faculty of Medicine and UBC. The format of the review will be broadly similar to that of Departments and Schools with an increased emphasis on effective interdisciplinary research and will not be expected to engage directly in undergraduate student curriculum delivery. The Director will receive advice from a Steering Committee on the strategic directions and management of the Institute and will normally have an external Advisory Committee or Board.

*Centres* are predominantly research and scholarship focused units with membership crossing Departmental/School and Faculty boundaries. A Center usually has a cohesive programmatic research and scholarship focus, most often disease or organ specific and will incorporate one of more research themes e.g. education scholarship, discovery, clinical, population health and health services. The educational mandate of Centres is typically focused on Graduate and Post-graduate training. Centres do not normally have F-slots; all faculty are appointed in or jointly with academic Departments/Schools and are expected to be involved in curriculum development and to deliver undergraduate teaching as assigned by their home Department or School. Centres are funded mainly from sources external to UBC core budget. Centres typically have 10 – 25 core investigators with additional affiliated investigators some may be members from Universities other than UBC.

The Director of a Centre will be reviewed at 5 years with the opportunity for renewal for a second term if appropriate. Normally, Centres will be reviewed prior to the re-appointment of the Director at not less than 9 year intervals to monitor progress, productivity and relevance to the strategic vision of the Faculty of Medicine and UBC. The format of the review will be broadly similar to that of Departments and Schools with an increased emphasis on effective cross-disciplinary research while the Centre will not be expected to engage directly in undergraduate student curriculum delivery evidence that faculty members are meeting the requirements of their home Department/School will be expected. The Director will receive input from an Advisory Committee on the strategic directions and management of the Centre.

*Research Groups and Programmes* are informal small semi-permanent research groupings of 5 – 10 investigators usually in a single location with a single research and scholarship based theme. These units may be within a single discipline or across Departments/Divisions on that site and will not be formally approved or reviewed by the Faculty of Medicine.

*Research Clusters* should have a critical mass of researchers, a common goal, joint publications and grants and a track record of collaborative research. The members of the cluster should have a clear mission and vision for their expanded research area. Members of the cluster should be drawn from at least 3 Faculty of Medicine campuses and involve at least one Health Authority as a major partner. The cluster should be inclusive of researchers in the relevant area and need not be limited to those with primary appointments within the Faculty of Medicine. The investigators must hold team grants involving investigators from more than one campus. Research clusters are recognized as high priority research themes for UBC although these clusters will not be formally approved or reviewed by the Faculty of Medicine.



FACULTY OF MEDICINE

***Process for Approval of Research Centres***

Faculty considering the formation of a new Research Centre are encouraged early in the planning process to consult with Department Heads/School Directors of faculty to be involved in the Centre and the Executive Associate Dean, Research, and if appropriate, the relevant Associate Dean(s), Research of the Health Authority Research Institute(s) involved.

The proposed Centre should provide a document to the office of the Executive Associate Dean, Research outlining the following:

- 1 – The vision, goals and specific objectives of the proposed Centre.
- 2 – The proposed research, scholarship, education and where appropriate community service activities to be undertaken in the first 5 years.
- 3 – Impact of the new Centre on existing academic units, especially those Departments and Schools with proposed faculty participating in the Centre. This should include any impact on undergraduate education delivery in these units and who these effects will be mitigated.
- 4 – Identify the participating faculty and demonstrate the interdisciplinary nature of the proposed Centre.
- 5 – Identify the proposed Director of the Centre.
- 6 – Define the Advisory Committee and the proposed terms of reference for the committee.
- 7 – Define the resources available to the Centre with respect to space and staff and any anticipated needs and how these will be addressed.
- 8 – Provide the current level of funding available to the Centre and anticipated sources of funding for the first 5 years.
- 9 – Provide letters of support from the Department Heads/School Directors with faculty involved in the proposed Centre and the appropriate Health Authority Research Institute(s).
- 10 – Identify the processes for performance evaluation and appointment, reappointment, tenure and promotion reviews, which will need to follow appropriate procedures relating to interdisciplinary activities.



FACULTY OF MEDICINE

**Levels of Approval**

For the Faculty of Medicine: the document provided by the proposed Centre will be discussed and approved by:

Committee of Department Heads and School Directors  
Research Council  
Faculty Executive Committee

At this time, the approval process will involve the Faculty of Medicine and Health Authority Research Institutes; the process to be followed by additional Faculties at UBC and the UBC Senate awaits clarification.

**Closure of Research Centres**

If the result of an in-depth, external review of a Research Centre demonstrates either or both lack of productivity or lack of academic relevance, the Dean and Executive Associate Dean, Research will work with the unit to initiate a phase-out process. Examples of challenges that could lead to closure are loss of a critical mass of researchers in a Centre and/or inability to attract sufficient funding to support the Centre. The closure process will involve an orderly transition, with appropriate guidance from the relevant Department Heads/School Directors and the Executive Associate Dean, Research, of research personnel, staff, and remaining research grants to appropriate Departments, Schools and Research Centres. If there are full-time faculty in the Centre who do not have a home Department, the Dean and Executive Associate Dean, Research will work with the faculty member and academic units in FoM to identify an appropriate location. The Director and faculty in the Centre will be encouraged to provide a proposal(s) to Executive Associate Dean, Research to provide optimal transition for members of the unit. It is anticipated that the closure process should be accomplished in the year following the decision to close the unit.



**The Life Sciences Institute – *a place of discovery***

**Executive Summary**

**Mission:** The Life Sciences Institute (LSI) (<http://lsi.ubc.ca/>) is dedicated to discovering the fundamental biological mechanisms underlying health and disease in an environment designed to catalyze innovative, interdisciplinary research ideas and interests.

**Rationale:** Officially opened in 2005 as the research component of the Life Sciences Centre (<http://www.publicaffairs.ubc.ca/ubcreports/2005/05mar03/life.html>), the LSI is the largest UBC research unit to be jointly governed by the Faculties of Medicine and Science. Since its opening, the LSI has been viewed as a research institute and thus it is timely that it be officially recognized as such by UBC.

The interdisciplinarity of the research in the LSI is reflected in the mandate of its Research Groups, which cross departments and foster the sharing of research ideas, expertise, resources, infrastructure and joint efforts in the programs that train graduate and undergraduate students, as well as postdoctoral fellows. One goal of the LSI is to facilitate partnerships and innovative initiatives that individual labs and departments cannot achieve alone.

The LSI also provides an exceptional and unique environment for graduate and undergraduate student training (<http://grad.lsi.ubc.ca/>) at a much larger scale than other institutes at UBC, being home to over 250 graduate students in 10 different UBC graduate programs in the Faculties of Science, Medicine and the College for Interdisciplinary Studies (CFIS). In addition, over 100 undergraduate students are provided with “enriched educational experiences (E3)” doing independent research projects (Departmental 448, 449 courses, co-ops, summer projects) in LSI labs that are supported by over 50 permanent research staff.

In fulfilling part of its mandate, the LSI also sponsors a number of innovative initiatives including public outreach through the Café Scientifique (<http://www2.lsi.ubc.ca/cafeScientifique.php>) and CSI @ the LSI (<http://grad.lsi.ubc.ca/lsgsa/csi/>; published in *Journal of Microbiology and Biology Education*, December 2010), an over-arching Graduate Recruiting Initiative, LSI-Graduate Student Association and Postdoc Research Day, Special Seminars, Workshops, and Symposia, Visiting Scientist and Trainee awards, as well as supporting topical research events and programs that enhance the research environment.

## Research Background:



Within the LSI there are currently 86 faculty members from life sciences Departments in Medicine and Science, conducting vibrant, biomedical-based research in three overarching research themes (Fig. 1). See **Appendix 1** for list of members and description of their research interests.

LSI research focuses on *fundamental biological mechanisms* in the biomedical sciences aimed at identifying, characterizing and understanding the molecular mechanisms that govern gene expression, protein structure-function and environmental microbiology. This is aimed at *understanding the processes of disease and infection*, namely how key cellular and developmental processes go awry in human disease, how pathogens usurp normal cellular function and how the host's immune system responds to these assaults. This knowledge is critical for the third goal of translating basic research into the *development of therapeutics*.

LSI research is supported by operating, infrastructure and salary grants from the Tri-council funding agencies (CIHR and NSERC), Genome BC, private disease based foundations, Canadian Foundation for Innovation:BC Knowledge Development Fund, Canada Research Chairs, the Michael Smith Foundation for Health Research, the US National Institutes of Health, and others. Departments, individual grant funded researchers and the LSI work in partnership to support the enhancement of research capabilities, including infrastructure support, funding of seminars, special events and symposia, the development of websites and social media, enhancing publicity, as well as facilitating the physical operations of the research environment.

Research Funding for last 5 years NOTE - underestimate as the numbers are from RISE and are lacking key entries					
Year	Tri-council	Peer-Review other	Contract	CFI/BCKDF	Non Peer-Review
2005-06	13,276,414	7,128,671	1,615,820	4,891,781	2,080,901
2006-07	13,758,726	7,984,986	1,191,030	4,833,019	990,675
2007-08	14,760,891	9,022,926	1,580,993	2,475,311	1,252,752
2008-09	19,843,242	10,161,963	1,182,996	4,313,407	1,220,401
2009-10	14,467,689	11,720,363	2,341,928	13,101,947	1,265,401

The goals of the Life Sciences Institute are priorities that align with the Strategic Plans of Research for UBC, the Faculty of Medicine and the Faculty of Science: specifically the 3 identified UBC Research Priority Clusters: Biotechnology & Genomics, Human Health & Genomics, and Neuroscience & Cognitive Systems. The mandate of the LSI fosters linkages between these Clusters. This is in line with the UBC priority of encouraging and establishing interdisciplinary approaches to research.

The membership of the LSI includes Investigators from 10 departments in the Faculties of Medicine and Science, organized into 8 interdisciplinary, interdepartmental Research Groups (RG), as well as in newly organized and emerging theme-based research clusters that capitalize on timely opportunities to address issues important to the health of Canadians. The LSI's focus on research is captured on the home page, where the links to the research groups are shown as buttons below rotating images of papers published in high profile journals (see **Appendix 2**). These research foci include studies on how Bacterial Regulatory Networks result in infection, human disease and environmental impact (BARN RG - <http://barn.lsi.ubc.ca/>), the newly organized Centre for Tuberculosis Research (CTBR- [www.microbiology.ubc.ca/CTBR](http://www.microbiology.ubc.ca/CTBR)) and the emerging, CFI funded Advanced Structural Biology in Re-emerging Infectious Diseases (ASTRID). Microbiology-based research is counter-balanced by a RG that focuses on host responses to Infection, Inflammation and Immune responses and the molecular under-pinnings of the functioning of the immune system (I-cubed RG - <http://iii.lsi.ubc.ca/>). Research into the cellular processes that control fundamental events within cells and among cells during development is the focus of the Cell and Developmental Biology RG (CELL - <http://celldevelopment.ubc.ca/>), with many researchers studying neurobiology as well as cancer biology. The Chemical Biology of Disease RG (CBD - <http://cbd.lsi.ubc.ca/>) studies the components of disease processes at the protein ultra-structural and molecular level. The Diabetes RG (<http://diabetes.ubc.ca/>) focuses on the etiology of all forms of this disease. The Cardiovascular RG (<http://crg.lsi.ubc.ca/>) studies heart disease and stroke, with a focus on channel proteins, essential mediators of proper function. Researchers in the Molecular Epigenetics RG (MEG - <http://meg.lsi.ubc.ca/>) study gene regulation of human disease, focusing on epigenetic mechanisms. The Centre for Blood Research (CBR - <http://www.cbr.ubc.ca/>) explores blood related processes, and includes a Vancouver-wide base of researchers. The total number of research and support staff in the LSI is more than 850 (including 280 graduate students, 110 postdoctoral fellows, 55 research associates, 147 research staff and over 115 undergraduate students).

The unique design of the Life Sciences Centre building allows LSI researchers to work in open-concept labs, facilitating cooperative interactions among PIs, trainees and staff. This has promoted an increase in collaborative projects, increased communication across disciplines, economical use of shared equipment and the establishment of shared infrastructure and core facilities. The LSI contains the internationally known *C. elegans* Knockout Facility ([www.zoology.ubc.ca/~dgmweb](http://www.zoology.ubc.ca/~dgmweb)), a central Drosophila Lab that facilitates the use of fly genetics, a node of the UBC Flow Cytometry Facility (FACS), jointly supported with the Biomedical Research Centre - <http://www.ubcflow.ca/>, a distinct cohort of microscopes that support LSI Imaging ([http://www2.lsi.ubc.ca/LSI\\_Imaging/index.php](http://www2.lsi.ubc.ca/LSI_Imaging/index.php)) and tissue processing, as well as Proteomics, partnered with the CBR ([http://www.cbr.ubc.ca/mass\\_spec.htm](http://www.cbr.ubc.ca/mass_spec.htm)), Biomedical Research Centre and the UBC Proteomics initiative.

LSI researchers deliver formal educational sessions to medical, dental and health professional students, and half of LSI researchers' primary teaching commitment is to the undergraduate life sciences programs at UBC (Biology, Microbiology & Immunology, Biochemistry & Molecular Biology, Physiology, Anatomy and Medical Genetics). The graduate students in the LSI belong to over 10 different graduate programs and the LSI is the home for the interdisciplinary CFIS program in Cell and Developmental Biology ([www.cell.ubc.ca](http://www.cell.ubc.ca)). This combination of teaching and research makes the LSI an excellent interdisciplinary life sciences training environment,

offering interdepartmental and interdisciplinary experiences and expertise in Science and Medicine unique at UBC.

### ***Governance Structure:***

The LSI currently contains the research labs and supporting infrastructure for 86 faculty members from life sciences departments in Medicine and Science, organized into 7 inter-Faculty and inter-departmental Research Groups, 1 UBC recognized Centre (The Centre for Blood Research; CBR) and several newly forming research clusters. The Director of the LSI (C. Naus, Faculty of Medicine) reports directly to the Deans of Medicine and Science, and works closely with the Associate Director (L. Matsuuchi, Faculty of Science) in all areas of governance, administration and research. Key advisory input is received from the LSI Steering Committee (Fig. 2), which consists of the Heads of the five main Departments (Biochemistry & Molecular Biology-BMB, Cellular and Physiological Sciences-CPS, Medical Genetics-MG, Microbiology and Immunology-M&I, Zoology-ZOOL), Leaders from seven Research Groups, the Director of the CBR, LSI Administration, representatives from the Graduate Student Association and the Postdoctoral Fellows, the LSC Operations Manager and the Safety Advisor. The Steering Committee meets monthly and also holds an annual strategic planning retreat.

## **LSI Governance**

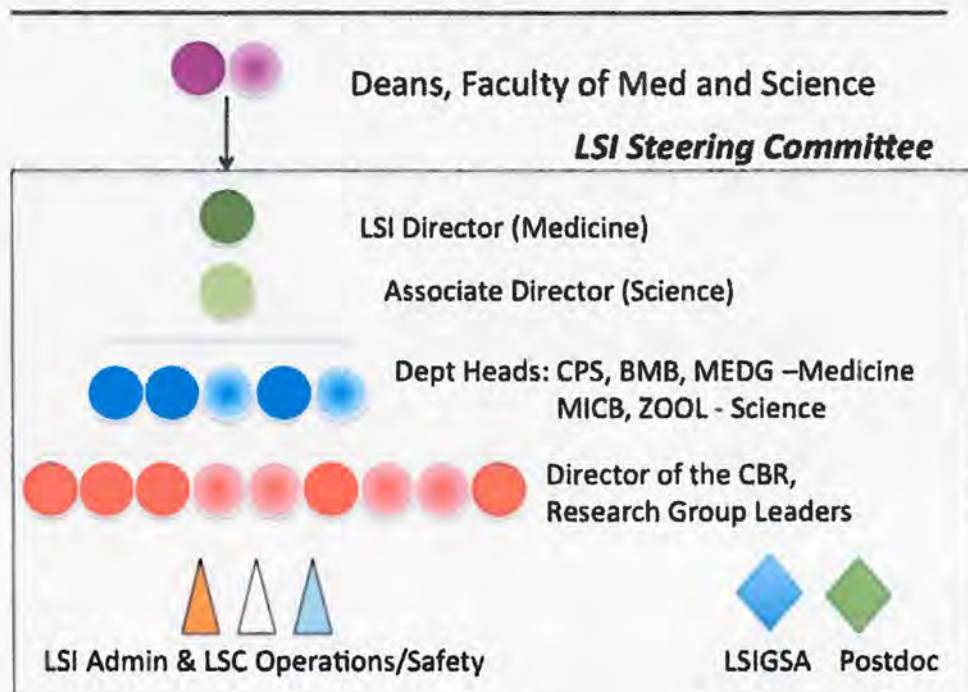


Fig. 2

When the LSI was first established, an External Advisory Committee (EAC) was formed to provide advice and recommendations for governance, membership and budget. As the LSI

moves forward, a new EAC will be established to provide advice and recommendations on strategic initiatives and opportunities.

***Funding Details:***

The LSI budget is jointly funded by UBC Finance, the Provost, and the Faculties of Medicine and Science. The budget is used to enhance the research of the LSI members, through direct and shared support to Research Groups, research infrastructure maintenance, administrative support and many special research initiatives.

The total funding for FY2010-11 is \$719,794, received for from the following source:

Recurring General Purpose Operating (GPO) from SPF	\$256,794
Supplementary support from Provost	\$250,000
Matching funds from Faculty of Medicine (ended on June 30, 2013)	\$ 25,000
Matching funds from Faculty of Science (ended on June 30, 2013)	\$ 25,000
Recurring ICR support from Faculty of Medicine	\$ 61,500
Recurring ICR support from Faculty of Science	\$ 61,500
Revenue generated from rental of space (average per annum)	\$ 40,000

***Vision/Goals for upcoming 5 years:***

The Vision of the LSI is focused on *partnering to make a difference through interdisciplinary research and training*. Through strategic partnerships we will pursue the following goals.

**1. Facilitate Outstanding Research:** to provide support and resources to broaden the scope and impact of our research.

*Specific objectives include:*

- Strategic research group (RG) support for innovative projects and proposals; support of Department initiatives that are aligned with LSI goals.
- Establish "Strategic Novel Additive Partnership" (SNAP) grants to support innovative research and 'seed' money to pursue future external funding.
- Annual Visiting Scientist and Visiting Trainee awards in theme-based research areas
- Support seminars, workshops, symposium, Research Group events
- Partner with departments to recruit the best new researchers and support their development during the pre-tenure period.

**2. Provide an Exceptional Training Environment:** to recruit the best trainees to provide them with access to UBC's leading research programs in the LSI.

*Specific objectives include:*

- Targeted Grad Student and Postdoc Recruitment Initiative –Grad coordinator to oversee increased participation in recruitment events; support of grad student and undergrad research event during Celebrate Research Week, undergrad tours and opportunities, enhanced web-based and social media (facebook) presence regarding opportunities for potential trainees (<http://grad.lsi.ubc.ca/>).
- Supporting applications for training grants (eg. NSERC CREATE, CIHR STIR)

- LSI Trainee Awards and LSI Undergraduate Research Awards to cultivate outstanding research potential
- Partner with College for Interdisciplinary Studies, Faculty of Grad Studies, VPRI office on special initiatives (eg. Rising Stars, Recruitment Fairs, information sessions)

**3. Establish and Maintain Leading Edge Facilities:** to enhance affordable access to equipment and resources needed for leading-edge discovery research.

*Specific objectives include:*

- Support current and establish new Core infrastructure (eg. new infrastructure for Tissue Processing)
- Partner with Departments for matching-fund initiatives (purchase, repair & maintenance contracts, support of technical expertise based workshops)
- Strategically pursue equipment and research funding, including Workstations for data analysis (eg. Imaging, proteomics, gene expression, etc)
- Partner with Core facilities and departments to write grants to support them (through CFI, NSERC, CIHR, MSFHR)
- Develop central Gene Knockdown/Expression Library Resource (partnering with CDRD and Other Units)
- Partner, facilitate and mediate, with other units and departments whenever challenging issues develop in establishing shared infrastructure.

**4. Communicating Excellence** through Professional and Public Avenues: to tell the success stories of our researchers and trainees.

*Specific Objectives include:*

- Promote LSI research achievements through the LSI website, other social media and those of UBC Public Affairs, Faculty of Medicine and Faculty of Science. Increase LSI research presence in print publications
- Promotion with Funding Agencies through newsletters, community media, science fairs, open houses
- Further develop the LSI Café Scientifique (recently supported by CIHR, MSFHR, FoM, FoS and continuing in 2011 with support from MSFHR)
- Support the Grad Student Association outreach initiatives to high schools (eg. CSI@LSI) and develop new initiatives with other units (eg. MITACS).

**5. Pursuit of fundraising opportunities:** to provide the needed resources to take our research to the next level.

*Specific objectives include:*

- Develop specific targeted funding campaigns with the Faculty of Medicine and Faculty of Science Development Office staff, the UBC Annual Giving Office and the Alumni Office
- Specific outreach opportunities targeted for fundraising (eg. Alumni events and tours, Donor Tours)

## EXECUTIVE SUMMARY

The Child and Family Research Institute (CFRI) is dedicated to world-class research spanning a wide range of children's and women's health concerns. Incorporated in 1995, it is the largest research institute of its kind in Western Canada, and the second largest Canada-wide.

The CFRI's facilities afford easy access to leading-edge health care organizations that serve children, women and families from around the province. BC Children's Hospital is Canada's largest full-service child health centre and BC Women's Hospital & Health Centre is Canada's largest and busiest maternity hospital. Integration with these hospitals and working with the children and families served by them puts CFRI investigators at the forefront of translational research in children's and women's health.

As one of the four hospital-based research institutes affiliated of the UBC Faculty of Medicine, the CFRI has an integral working relationship with The University of British Columbia. The Institute has close partnerships with agencies of the with Provincial Health Services Authority, particularly the BC Children's Hospital and Sunny Hill Health Centre for Children, BC Women's Hospital & Health Centre, and BC Mental Health & Addiction Services. The Institute has active partnerships with the BC Children's Hospital Foundation and Sunny Hill Children's Foundation. It also maintains important relationships with BC's five regional health authorities and academic institutions: Simon Fraser University, the University of Victoria, the University of Northern British Columbia and the British Columbia Institute of Technology.

## Mission

The Child and Family Research Institute conducts discovery research to benefit the health of children and families.

## Vision

### *Science making miracles*

We passionately pursue discovery, knowing our achievements have the capacity to transform lives.

## Values

We work in an environment that values

- Integrity
- Excellence
- Transformation
- Interaction
- Openness



## Research Excellence

CFRI's research focuses on the causes and cures for illness affecting children and families. We foster a multi-disciplinary, collaborative environment for our community of health researchers and their groups. The Institute's research foci are represented by **seven research clusters**, each headed by one or two internationally-known researchers:

- Childhood Cancer & Blood Research
- Developmental Neurosciences & Child Health
- Diabetes, Nutrition & Metabolism
- Genetics & Health
- Immunity in Health & Disease
- Innovations in Acute Care & Technology
- Reproduction & Health Pregnancy

In addition, CFRI houses and supports a world-renowned research partner, the Centre for Molecular Medicine and Therapeutics.

CFRI has more than 200 faculty members who include the holders of one Canada Excellence Research Chair, 13 Canada Research Chairs, 4 BC Leadership Chairs and numerous other national Chair or Investigatorship award holders. There are more than 260 trainees, including undergraduate, Master's and PhD students, clinical trainees and postdoctoral fellows.

In 2009/10, CFRI members:

- Received \$62.8 million in external research grants and \$16.4 million in infrastructure grants
- Produced 590 publications
- Filed 28 invention disclosures, patents or licensing agreements
- Lead or participated in 118 sponsored clinical trials

The Child & Family Research Institute occupies 230,000 square feet of state-of-the-art research space in five Institute buildings and 40,000 square feet in hospital buildings on the campus of the Children's & Women's Health Centre of BC. A new 2-storey, 20,000 square foot Clinical Support Building will open in 2012. The Governance Structure, Organization/Management and Financial Summary are shown below.

### **Alignment with University Strategic Plans**

The Institute supports excellence in research and training that contributes directly to assisting both UBC and the Faculty of Medicine to achieve their strategic research goals. CFRI members come from several Faculty departments, including three housed at C&W (Pediatrics, Medical Genetics, and Obstetrics & Gynaecology); others are Anesthesiology, Pharmacology & Therapeutics; Dermatology; Family Practice; Medicine; Occupational Sciences & Therapy; Ophthalmology; Orthopedics; Pathology; Physical Therapy; Psychiatry; Radiology; and Surgery; and the School of Population & Public Health. CFRI also includes faculty from the UBC faculties of Applied Sciences, Dentistry, Land & Food Systems, and Science. Other CFRI researchers are affiliated with Simon Fraser University.

CFRI research clusters align directly with all **four Life & Health Sciences target areas** (Biotechnology & Genomics; Human Health & Genomics; Neuroscience & Cognitive Systems; Population Health & Human Development); the international partnerships for health research address Society in Global Context; and children's environmental health aligns with Sustainability/Environment.

The excellence of CFRI researchers and the fit of their research with the UBC Strategic Research Plan are clearly demonstrated by:

- CFRI's research funding (\$54M in peer-reviewed funding in 2009/10; ~11.7% of UBC and ~24% of Faculty of Medicine funding in that year)
- CFRI members include 14 research Chairs (CERC, CRC, BC Leading Edge Endowment Fund, CIHR) and 45 investigators who hold other external salary awards
- CFRI hosts major infrastructure projects (CFI/BCKDF Innovation/New Initiatives Fund, Leaders Opportunities Fund) and networks including the NeuroDevNet Network of Centres of Excellence
- CFRI members lead several provincial and national research platforms, such as the BC Clinical Genomics Network, Child Health BC, and national networks such as MICRYN and CPNDS for pharmacogenomics
- CFRI's 300 trainees benefit from an excellent Research Education Program; they hold many external scholarships and fellowships
- CFRI has pioneered its Mini-Med School as a research-focused public outreach forum that also provides training experiences for high school students
- CFRI research includes numerous high-profile community-partnered programs, including the FASDNetwork, Healthy Buddies, Action Schools! and provincial Shaken Baby Syndrome initiative
- International maternal and child health research is prominent, and includes WHO-partnered research on better medicines for children, a major Gates foundation project on pre-eclampsia, and work on HIV and infectious disease prevention. CFRI member C Larson heads the Centre for International Child Health.

CFRI's overall research structure and direction also accord nearly perfectly with the foci articulated in the draft Strategic Plan of the UBC Faculty of Medicine:

- The Institute's Core Research & Training Support Units, Core Facilities, Advanced Technology Platforms and Clinical Research Support Program – funded by CFRI operating budget and by external grants from MSFHR, CIHR etc – "improve the research environment and infrastructure to significantly increase opportunities"

- CFRI researchers have outstanding “success in team/interprofessional projects across the full spectrum”, including MSFHR, CIHR and NSERC-funded multidisciplinary team research programs across all health research pillars. CFRI member M Ansermino recently awarded NSERC Brockhouse Prize for interdisciplinary research.
- CFRI members “facilitate and advocate for health research in BC” by playing central roles at the MSFHR and with the province (via PHSA and the Ministries) and by heading provincial research platforms and networks. As major teaching environments, C&W and CFRI are key to establishment of the Academic Health Sciences model in BC
- CFRI places specific emphasis on excellence in research training, from high school to undergraduate, graduate, postgraduate clinical and postdoctoral levels, and thereby ‘invests in the future.’
- CFRI “promotes utilization of new knowledge from health research and demonstrate effectiveness” via active focus on public outreach, integrated KT, technology transfer and leadership roles in development of new policy and practice.

### **ESTABLISHMENT, GROWTH AND GOALS FOR 2011-2016**

During its 15-year history, CFRI has evolved to be responsive to the changing landscape of child health research in BC, Canada and the world, and to take full advantage of innovations in health research methods, application of novel advanced technologies, and waves of sociocultural change. As the landscape has changed, so too has CFRI.

CFRI was established in 1995 as the BC Research Institute for Child & Family Health, with 20-30 members housed in one research building. In line with the hospital integration, the Institute’s name was changed to The BC Research Institute for Children’s & Women’s Health in 1997/8. In 2005, with the advent of a Women’s Health Research Institute at BC Women’s Hospital, we took on the current name: The Child & Family Research Institute. There has been exceptional growth over the past several years, and the Institute has doubled its size since 2002.

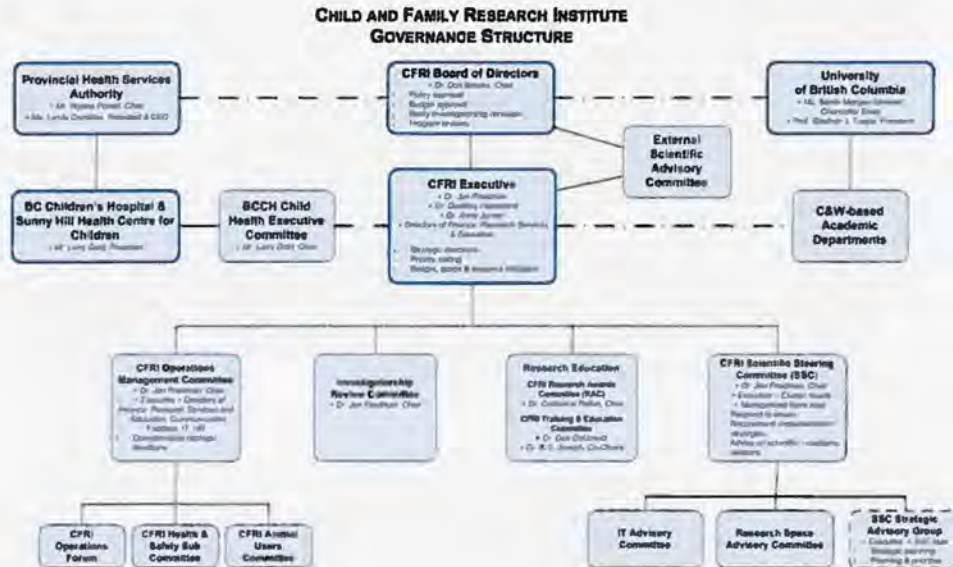
The Institute’s vision for the next 5 years builds on this remarkably strong foundation, created and sustained over the past 15 years by the leadership and membership. The Institute’s primary partner organizations (PHSA, BCCCH and UBC) have very recently developed (or are still in the process of developing) new strategic plans and strategic research plans. It is essential that CFRI remain poised to align these with its own plans for the next 5 years.

### **GOVERNANCE STRUCTURE**

#### **Governance / Accountability**

The Child & Family Research Institute is a non-profit society registered under the Society Act of British Columbia. The primary objective of CFRI is to provide leadership in setting and promoting child and family health research in BC. The CFRI Board of Directors works with its principal partners to develop business, administrative and advocacy plans that will meet the strategic research objectives approved by CFRI for the mutual benefit of the principal partners. The Board is responsible for appointing the Executive Director (ED) of the CFRI.

The ED is the Institute’s administrative head. S/he provides leadership to ensure that CFRI programs, services and policies are coordinated with and reflect the strategic priorities of CFRI and the principal partners with respect to research for children and families. The ED is responsible for administering the operations and business of CFRI, and for providing leadership, general supervision, budgetary oversight, management and control of the operations of CFRI on a day-to-day basis. The ED also holds the position of Associate Dean, Research, for the UBC Faculty of Medicine and is accountable to the UBC Dean of Medicine through UBC Medicine’s Executive Associate Dean, Research.



The Institute executive is supported by an internal Scientific Steering Committee (SSC) that is chaired by the ED and includes the Deputy Director; the Associate Director, Clinical; the UBC Faculty of Medicine Executive Associate Dean (Research); the CFRI Senior Research Development Facilitator; and the Heads of CFRI's seven research clusters and of CFRI research partner, the Centre for Molecular Medicine & Therapeutics. The leadership and SSC are further supported by several committees for Operations/Management; Research Education; Investigatorships; and IT Advisory. Finally, as an outcome of the Institute's external review in 2009, the CFRI Board of Directors has appointed an external Scientific Advisory Committee (SAC) to advise the Board and Executive. The SAC is made up of national and international leaders in child health research.

## Administration / Management

The CFRI provides an organizational and administrative framework for support of researchers based on the Oak Street C&W campus who are associated with UBC and other affiliated academic institutions. The purpose of CFRI is to serve as a liaison and interface among these groups for setting and promoting child and family research priorities. The primary work of the CFRI administration is to support and facilitate research activities on the C&W campus.



The Executive Director (Dr. Jan Friedman, Acting ED) is supported by the Deputy Director (Dr. Geoffrey Hammond), who is responsible for providing scientific direction, oversight of Facilities, IM/IT and the Research & Technology Development Office, and by Dr. Anne Junker (Associate Director, Clinical Research), who provides leadership in clinical research and oversees the Clinical Research Support Unit.

The Institute's leadership is supported by a senior management team which includes the Directors of Communications, Finance, and Research & Education Services, the Senior Research Development Facilitator, and the Managers of Facilities, IM/IT and HR.

## FUNDING OVERVIEW

CFRI research is paid for by the federal granting councils and many international, national, provincial, foundation and other research granting agencies. The core funding that supports this research at CFRI is provided by the BC Children's Hospital Foundation, the Sunny Hill Foundation for Children, the Children's & Women's Health Centre of British Columbia Branch, the University of British Columbia (support includes Tri-council indirect funding), research contract overhead and other miscellaneous revenues (see Figure below).

The CFRI receives most of its core infrastructure funding from the BC Children's Hospital Foundation. In fiscal year 2009/10, the CFRI received \$9,348,000 from the annual Foundation grant (~15% of CFRI's total annual revenue). This grant is used to provide clinical research support, infrastructure support, investigators' salary awards, operational support for the research clusters and core facilities, investigators' recruitment (also called "establishment awards") and capital improvements.

The Foundation's 2009/2010 grant to CFRI was allocated as follows (see Figure below):

Clinical Research	\$ 1,700,000
Institute Infrastructure	\$ 3,084,000
Research Clusters/Platforms	\$ 3,664,000
Investigator Recruitment	\$ 800,000
Capital	\$ 100,000
<b>Total</b>	<b>\$ 9,348,000</b>

This essential support from the Children's Hospital Foundation enables CFRI investigators to compete, with high success rates, for the external research grants, awards and contracts that make up the other 85% of CFRI's revenue. In 2009/2010, CFRI investigators received external salary awards and operating grants totalling \$62.8 million and capital infrastructure grants of \$16.4 million. More than 180 organizations provided funding for CFRI research.



Recruiting top scientists to solve complex child health issues is a competitive endeavour. The best and the brightest investigators often have job opportunities at more than one university or research institute and choose among them on the basis of multiple factors that include salary, academic appointment, ability to collaborate with excellent colleagues and trainees, state-of-the-art facilities and research equipment, administrative and technical support, and establishment awards.

CFRI offers multi-year CFRI Investigator Salary Awards (up to 5 years) and CFRI Establishment Awards (up to 3 years) to new investigators. Once recruited, investigators are expected to apply for and accept external salary awards. If an investigator is successful in obtaining an external salary award, then this will fund the investigator's salary in place of CFRI funding; however, CFRI still has a commitment to fund the investigator for the original period of the award once the external funding expires. As the investigators receive external funding, the current year funding is used to build up a reserve that will fund the investigators' salary once the external award expires for the balance of the initial award period.

### **Institute Infrastructure - \$3,084,000**

Infrastructure includes the core services and facilities that are essential for facilitating investigators' research projects and allowing investigators to maximize their time on research activities. CFRI's core infrastructure includes:

- Communications
- Financial and contract management
- Information management / technology
- Research and technology development
- Research education and training
- Research facilities management
- Research grant administration and management

### **Research Clusters & Platforms - \$3,664,000**

As noted above, CFRI is organized into seven research clusters and one research partner. There are also two core research platforms: the Advanced Technology Platform and the Translational Research Platform. The clusters provide a framework within which investigators collaborate, while the platforms provide core clinical, technical and high technology support that spans across clusters. The majority of funds allocated to the research clusters and platforms are used to support investigators' salaries in the form of CFRI Investigator Salary Awards.

Operational support is provided to CFRI's clusters and platforms towards the operation of core equipment and administrative assistance to complement their members' research activities. This operational support is based on a formula that is tied to performance of the research cluster membership. The clusters use the funds strategically to further research activities; for example, for scientific talks, research days, and to partially offset the cost of the core facilities.

### **Clinical Research - \$1,700,000**

The funding for clinical research includes salary support to:

- Clinician scientists for their protected research time;
- Clinical research coordinators, who support clinical research activities within the hospital, such as recruiting patients to clinical studies;
- Support personnel in hospital and research regulatory affairs to improve the efficiency and quality of the clinical research activities;
- Technical support to data management for clinical studies.

### **Recruitment / Establishment - \$800,000**

Recruitment expenditures are sometimes referred to as Establishment Awards. These are one-time awards to new investigators to cover the costs of relocating and commencing research activities at CFRI, purchasing equipment and training staff. These awards are for a two to three year period and are normally processed through the University.

### **Capital - \$100,000**

Core equipment is essential for research programs related to children's health and disease. In 2009/2010, capital equipment was purchased that included data capture and storage systems and servers to support massive amounts of electronic research data and images. Video conferencing systems reduced travel costs while enabling CFRI investigators to collaborate with other investigators throughout the province, nation and world. Laboratory renovations updated older facilities for increased efficiency and effectiveness. Total capital purchases amounted to \$371K. As the needs for capital were higher than originally budgeted, infrastructure expenditures were reduced to accommodate the capital purchases.



PROVIDENCE HEALTH CARE  
**Research Institute**

**UBC Senate Approval Proposal - Providence Health Care Research Institute**

**April, 2011**

**Background:**

The Providence Health Care Research Institute (PHCRI) was established in 2005 as the research arm of Providence Health Care (PHC), one of Canada's largest faith-based health care organizations, operating 14 health care facilities in Greater Vancouver. The largest site, St. Paul's Hospital, is an adult acute care teaching hospital and home to the Providence Health Care Research Institute. Providence Health Care is affiliated with the University of British Columbia.

PHCRI was created to promote the tremendous research being done across Providence Health Care as well as to oversee the research programs and to provide better support services for our investigators and their teams. Currently, close to 150 researchers contribute to the research community at Providence and about 40 per cent of researchers also have clinical responsibilities. These dual roles of scientist and caregiver ensure the benefits of research translate more quickly into better patient care. All of the investigators, save two, have faculty appointments at UBC.

PHCRI aims to create a broad-based culture of inquiry and to promote evidence-based care across PHC's programs, which includes strengthening research conducted by all health professionals including physicians, nurses, pharmacists, psychologists, social workers, physiotherapists, occupational therapists and other members of the patient and resident care teams.

Another principal goal of the Research Institute is to further partnerships and collaborative ventures with external organizations and stakeholders.

**PHCRI Executive Summary**

***Vision***

At the Providence Health Care Research Institute our vision is to dramatically improve the treatment and overall health of patients and residents at Providence Health Care and beyond, through relevant, ethical and inspired health research.

***Mission***

The PHC research community finds solutions to questions that arise from PHC care settings using high quality research. We acknowledge the rapidly changing health care environment and embrace the challenges it provides. We prioritize prevention, treatment and outcomes research questions that are relevant to PHC's populations of emphasis. We mentor and train new researchers. We encourage novel research ideas such as inter-disciplinary and inter-professional collaborations, knowledge transfer, and partnerships with patients and communities.

***Rationale***

Research at Providence is directly aligned with the priority care programs of Providence Health Care: heart, lung and blood vessels; kidney; HIV/AIDS; aging and elder care; urban health; and mental health. Providence has active clinical research programs running across many therapeutic areas and is home to several hospital research centres.

### ***Research Community***

- **UBC James Hogg Research Centre** (name in transition, formerly the iCAPTURE Centre for Cardiovascular and Pulmonary Research)  
Based at St. Paul's Hospital, the UBC James Hogg Research Centre, a UBC Senate-approved centre, is unique in British Columbia. The Centre is supported collaboratively by the Faculty of Medicine of UBC and the Providence Health Care Research Institute. Built on a 30-year history of research excellence, the Centre was created in 2000 with the infusion of \$21 million of infrastructure funding from the Canada Foundation for Innovation and its partners. It is home to over 250 personnel working towards solving the problems of heart, lung and blood vessel diseases.
- **BC Centre for Excellence in HIV/AIDS**  
The BC Centre for Excellence in HIV/AIDS is housed at St. Paul's Hospital and is Canada's largest HIV/AIDS research and treatment facility. The rapid incorporation of research results into clinic practice ensures that its patients receive a continually evolving standard of evidence-based care. The Centre distributes antiretroviral therapy to the province of British Columbia and monitors HIV-related outcomes as part of its mandate.
- **Centre for Health Evaluation and Outcome Sciences**  
The Centre for Health Evaluation and Outcome Sciences (CHÉOS) has become one of Canada's foremost health outcomes research organizations. CHÉOS scientists examine determinants in Vancouver's most marginalized populations including those with various addictions, aboriginal and women's health. Canada's largest study of Aboriginal people with addiction to injection drugs is being conducted from St. Paul's Hospital. CHÉOS also serves the greater research community by providing services to clinician scientists.
- **Centre for Healthy Aging at Providence**  
The Centre for Healthy Aging at Providence (CHAP) is a catalyst for improving the lives of older British Columbians. Based within a health care setting, CHAP understands real-life issues in care delivery and uses a practical approach to resolve them. The Centre is located at the Honoria Conway site.
- **Centre for Practitioner Renewal**  
The Centre for Practitioner Renewal focuses its research on understanding the nature and effects of risk and resilience factors in the health care workplace. CPR bases its research on the belief that unbalanced health care providers are unable to provide high quality patient care.

In addition to the hospital research centres, Providence is also home to two national research programs and a unique cardiovascular/lung institute. PHCRI provides support to these initiatives.

- **CIHR Canadian HIV Trials Network**  
Since 1993, the headquarters of the national and provincial offices of the CIHR Canadian HIV Trials Network (CTN) have been housed at St. Paul's Hospital. The CTN facilitates clinical trials and runs an expanded access program for antiretroviral drugs across Canada.
- **Centre of Excellence for the Prevention of Organ Failure**  
Established in 2008, the PROOF Centre is a National Centre for the Commercialization of Research. PROOF is leading the way in finding practical, yet profitable solutions to the expanding burden that vital organ failure imposes on Canadian society. The PROOF team is researching disease risks, the development of biomarkers of occurrence, severity and progression to organ failure, and an accelerated, personalized approach by targeting disease mechanisms.

▪ **The Providence Heart + Lung Institute at St. Paul's Hospital**

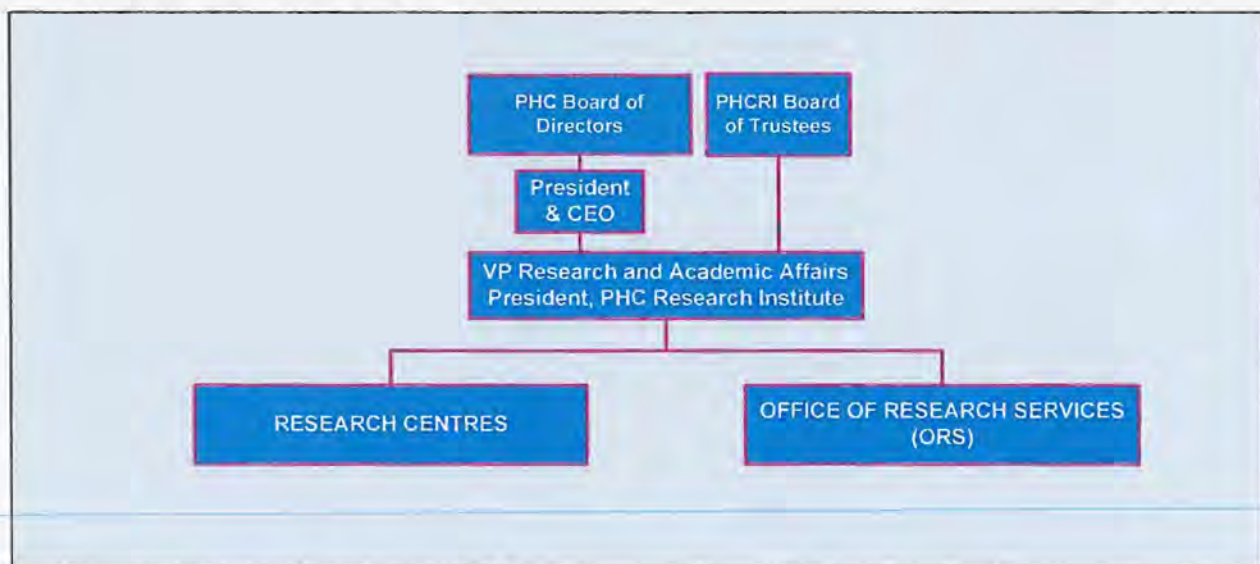
PHCRI was a driving force behind the creation of this Institute. Launched in 2007, the Providence Heart + Lung Institute at St. Paul's Hospital (HLI) merges and integrates all of PHC's heart and lung research, education and care programs under one umbrella at St. Paul's Hospital. Through integration and collaboration across laboratories, wards, disciplines, clinics and communities, HLI ensures that new discoveries transfer more rapidly into new care solutions to benefit heart and lung patients throughout the province. HLI has spearheaded the formation of a provincial Institute for Heart and Lung Health.

These research programs are central to the success of the PHC Research Institute. In addition to conducting outstanding research, our scientists work towards excellence in teaching and mentoring students, trainees and post-doctoral fellows. With active education programs across the Research Centres and a Clinical Research Network, the continuum of care, education and research is part of the culture at Providence Health Care.

***Office of Research Services***

Research support services at the Providence Health Care Research Institute (PHCRI) are organized in the **PHCRI Office of the Vice President, Research & Academic Affairs, PHC** and the **Office of Research Services (ORS)**. These offices provide services to all researchers at Providence Health Care and are accountable for Providence Health Care's compliance with the complex ethical, legal and regulatory framework of research on human subjects. Research is conducted under policies set out by the University of British Columbia and the Providence Health Care Research Institute. All research involving human subjects at Providence must be reviewed and approved by the **UBC PHC Research Ethics Board (REB)**. The Research Institute is responsible for the management of all sponsored research arrangements including research chairs, grants, clinical trials and research contracts for researchers at all PHC hospitals. This includes **negotiating and managing all industry-sponsored clinical trial agreements**, as well as agreements with government and other academic institutions. In addition to the regulatory and ethical services, the Office of Research Services provides **financial services, human resources, research development, communications and education to support research at Providence Health Care**.

***PHCRI Governance Structure***



***Strategic Alignment with UBC and the Faculty of Medicine***

1. The Centres of PHCRI fit with the identified priorities of the Faculty of Medicine:
  - i. The James Hogg Centre focuses on Lung and Heart Health;
  - ii. The Centre for Excellence in HIV/AIDS focus on Infections is aligned with Infection & Immunity;
  - iii. The Centre for Health Evaluation and Outcomes Sciences focuses on addiction which considers brain health and populations which span the priority initiatives;
  - iv. The Centre for Healthy Aging at Providence focuses on a segment of the Healthy Lifecycle;
  - v. The Centre for Practitioner Renewal focuses on Brain Health.
2. One of PHCRI's strategic directions is to improve the research capacity of investigators by providing responsive research infrastructure in Ethics, Contracts, Grants, Human Resources, Financial Services and Communications. Another is to promote interprofessionalism. The Institute has spearheaded the formation of the Task Force on Interdisciplinary/Interprofessional Education and Research and has worked with the Faculty of Medicine's Department of Rehabilitation Sciences to jointly recruit Clinician Scientists.
3. PHCRI is actively engaged in promoting the development of the BC Health Strategy and is a partner in discussions about the creation of a Vancouver-based Academic Health Sciences Network.
4.
  - i. PHCRI helps sponsor events aimed at enhancing the graduate and post-graduate training, such as the James Hogg Summer Student Program, and the Heart and Lung Fest.
  - ii. PHCRI has actively supported health care professionals to undertake Masters and Ph.D. studies and has helped recruit them into positions as health care professionals in which they would be able to conduct research.
  - iii. PHCRI supports undergraduate students in summer programs throughout the different centres.
5. PHCRI has several communication vehicles which help communicate the health research conducted at PHC both internally to all stakeholders and externally. PHCRI publishes a monthly newsletter and a weekly electronic alert about funding and new discoveries and reports to the Medical Advisory Committee, the Professional Practice Council and the Board of Directors of PHC. PHCRI also supports the salaries of communications personnel in the Heart and Lung Institute and supports the work of the Communications department at PHC, both of which concentrate their efforts on disseminating information about research discoveries and breakthroughs.
6. PHCRI is intentional about the need to work collaboratively locally, provincially, nationally and internationally and is involved in a host of collaborative initiatives, most notably the HIV Clinical Trials Network and Genome BC multi-stakeholder funds.
7. PHCRI has offered to be a beta site for new performance metrics which will be established by the Faculty of Medicine and the University of British Columbia and has brought forward work in this area to the attention of its Board of Trustees and the Quality Committee of Providence Health Care's Board of Directors.
8. PHCRI has contributed to the environmental scan of current activities in the establishment of International Health Research Programs. Its investigators are already engaged in projects in Africa and China and are in the process of development of programs in India, Hong Kong and Singapore.

### ***Funding Details***

The funding trend in research over the past few years shows steady growth. Research project funding does not come from hospital operating budgets; research projects are self-funded through successful government grant applications, collaborating with industry companies on fundamental research projects or sponsored clinical trials. Research funding has grown close to 200% from \$11.1 million in fiscal year 1999/2000.

### ***Budget Details***

<b>2009/10 Fiscal Year</b>	
<b>REVENUE</b>	
Total External Research Revenue	32,692,120
UBC Scientist Salary Support & Benefits	3,196,734
Total Indirect Research Revenue	2,482,717
Total Direct PHC Support	3,214,744
Total SPH Foundation Support	1,968,928
<b>Total Research Revenue</b>	<b>43,555,243</b>
<b>EXPENSES</b>	
Total External Research Expenses	32,692,120
UBC Salary & Benefits Support	3,196,734
Total Indirect Research Expenses	2,372,400
Total Direct Operating Expenses	3,214,744
Total SPH Foundation Support	1,968,928
<b>Total Research Expenses</b>	<b>43,444,926</b>
<b>NET SURPLUS/(LOSS)</b>	<b>110,317</b>





## **Senate Approval Proposal - Vancouver Coastal Health Research Institute March 30, 2011**

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Vancouver Coastal Health Research Institute (VCHRI) is seeking University of British Columbia Senate approval as an Institute. This document outlines the rationale, scope and governance of VCHRI.

VCHRI is the research body of the Vancouver Coastal Health Authority (VCH), and is a partnership between VCH and the University of British Columbia (UBC).

### **Mission**

**VISION:** Healthier Lives through Discovery

**MISSION:** Research at VCHRI leads and excels in the generation of health knowledge through discovery, education, application and evaluation.

**VALUES:** These statements about our values are intended to guide our decision-making as we work to realize our Research Vision and Mission.

- We value relevance
- We value synergy and teamwork
- We value excellence
- We value high ethical standards and scholarly integrity

**STRATEGIC PRIORITIES:** Strategic Priorities and Action Steps have been established to guide initiatives aimed at realizing our Research Vision and achieving our Mission. Our areas of highest priority are:

- **People and Infrastructure:** Our goal is to develop a critical mass of people, space and infrastructure to achieve the VCHRI Research Mission.
- **Culture of Research:** Our goal is to foster a positive culture of research throughout the organization to support the generation and application of health knowledge.
- **Integration with Health Care Delivery:** Our goal is to integrate research and health care delivery at VCH to enhance research productivity and improve patient outcomes.
- **Funding and Partners:** Our goal is to establish a stable base for research funding.
- **External Relations:** Our goal is to promote health authority research activities and achievements to potential public and private sector partners and to the community, in order to develop co-operative ventures that support research.

## **Rational**

Vancouver Coastal Health Research Institute (VCHRI) is committed to supporting and developing research and innovation, with a particular focus on translational research that informs care and decision making. VCHRI is one of Canada's top funded health research institutes receiving approximately \$80 - 100 million annually in research funding. VCHRI was officially formed in June 2003, and for dozens of years, in academic partnership with the UBC and philanthropic partnership with VGH and UBC Hospital Foundation, research and innovation have been an integral part of the fabric of Vancouver General Hospital and UBC hospital. With the official formation of VCHRI in 2003, our mandate expanded to foster and promote research and innovation across the entire Vancouver Coastal Health Authority. VCHRI is one of Canada's largest teaching and research health centres, attracting more research dollars and talent every year. In addition to the multi-million dollar awards received over the years from the Canada Foundation for Innovation, millions more dollars are invested in research chairs and funding grants aimed at recruiting the world's brightest minds.

VCHRI has expanded its Trainee Program to provide support and networking opportunities as well as celebration of successes through various channels. VCHRI partners with the UBC Faculty of Medicine and other health research institutes in Vancouver to provide collaborative educational opportunities to trainees and clinical research staff; as well, the VCHRI education program offers learning opportunities on research topics to VCH health care staff. We provide rigorous peer-reviewed research funding opportunities to both VCH staff and VCHRI investigators. VCHRI requires that all research conducted at a VCH site obtain all relevant regulatory approvals and through its affiliation with UBC utilizes the UBC regulatory review processes for ethics, biosafety and animal care. VCHRI also utilizes UBC RISE for tracking all grants, awards, and regulatory approvals. Furthermore, there is a requirement for VCH organizational approval for all human subjects research conducted at a VCH site.

Health research changes lives. The physicians, nurses allied health professionals and investigators from all health related disciplines at Vancouver Coastal Health are offering hope, time and a better quality of life to people and their families suffering from the burden of illness.

## **Research Background**

VCHRI is the research arm of Vancouver Coastal Health and a research institute in the UBC Faculty of Medicine. It is a large and diverse organization that aims to support research activity amongst multidisciplinary health care professionals. VCHRI includes BC's largest academic and teaching health sciences centres - Vancouver General Hospital, UBC Hospital, GF Strong Rehabilitation Centre and community hospitals and health centres on the North Shore, Richmond, the Sea-to-Sky Highway, Sunshine Coast, Bella Bella, Bella Coola, the Central Coast and the surrounding areas. VCHRI's major research centres, programs and evolving research areas include, but are not limited to, the following:

### Research Centres

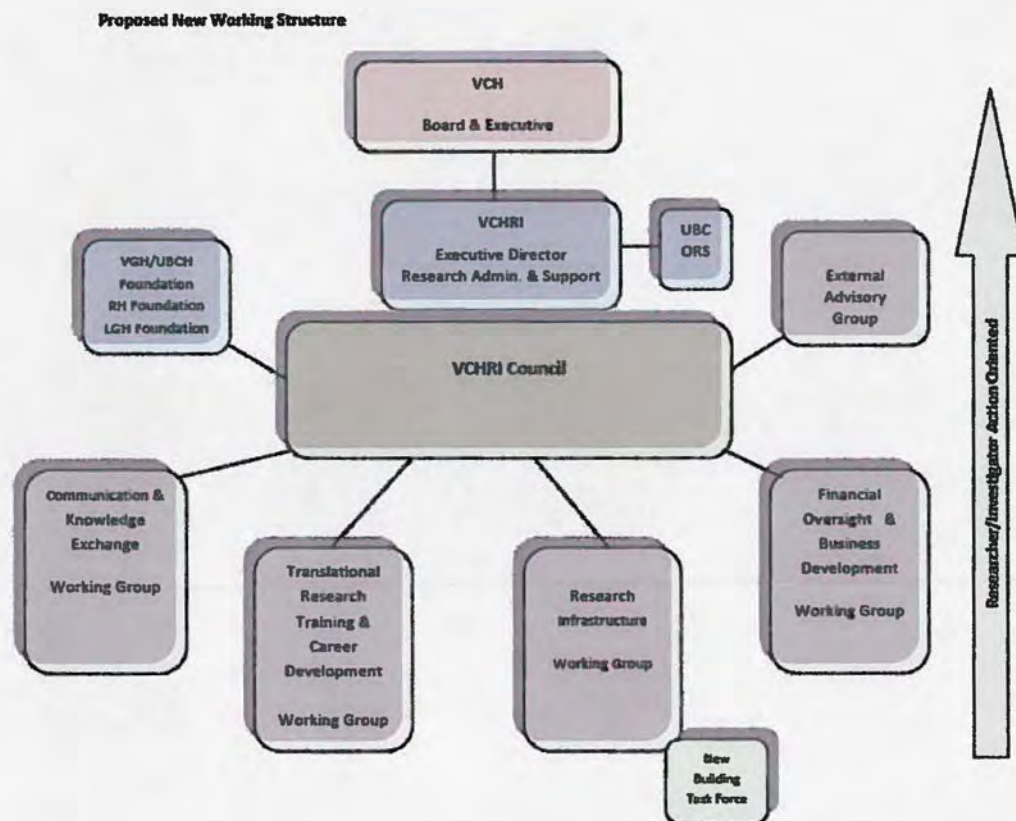
- Brain Research Centre
- Vancouver Prostate Centre
- Centre for Hip Health & Mobility
- Immunity and Infection Research Centre (Transplantation & Infectious Diseases)
- ICORD: International Collaboration on Repair (spinal cord) Discoveries
- Centre for Clinical Epidemiology & Evaluation (C2E2)
- Centre for Respiratory, Cardiology & Critical Care Medicine

### Research Programs

- Anaesthesiology
- Burn & Wound Healing
- Diabetes & Islet Cell Transplantation
- Emergency Medicine
- Hematology – Bone Marrow Transplantation
- Macular Degeneration & Vision
- Ovarian Cancer Research (OvCare)
- Radiology
- Rural Health
- Skin Sciences
- Stroke & Stroke Rehabilitation
- Urologic Sciences

<i>VCH Research Institute Primary Investigators and New Invention Disclosures -2009/10</i>		
<i>People</i>	VCHRI investigators holding funding	278
	VCHRI investigators with peer-reviewed funding	181
	Research trainees (Masters, PhD, Post-doc) at VCH sites	394
<i>Research Output</i>	New invention disclosures	15

## Governance Structure

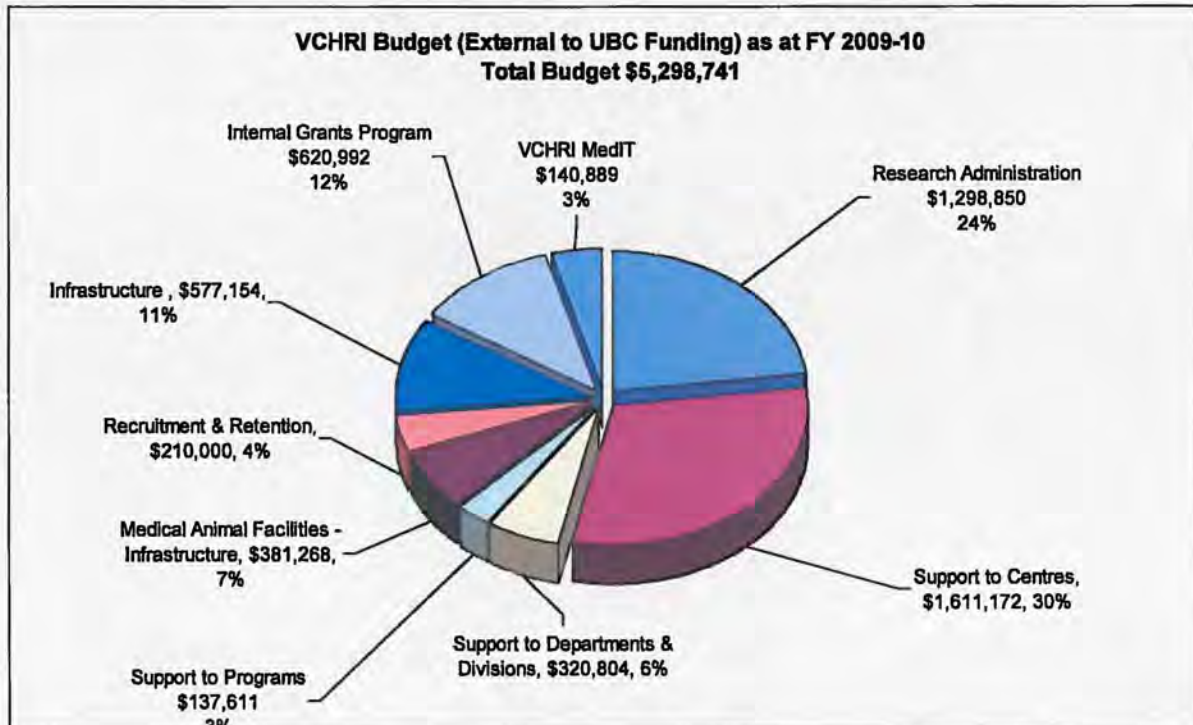


## Funding Details

<i>VCH Research Institute – 2009/10 Funding</i>	
Total research dollars	\$82,358,441
% of total research dollars held by UBC affiliated academic health sites	32%
Total industry sponsored funding	15,080,801
Total funding from sources external to VCH, UBC or affiliates	68,611,072

## Budget Details

VCHRI oversees approximately 248,000 square feet (net) of research space within VCH. VCHRI has an overall budget of over \$5 million per year from a number of sources including Vancouver Coastal Health, Vancouver General Hospital/UBC Hospital Foundation, all external to the University of British Columbia. The following graph shows the distribution of the budget in support of research at VCHRI.



## Summary

VCHRI plays an integral role in providing UBC faculty members and trainees with the multidisciplinary health environment required to conduct clinical and basic science research. This includes state of the art facilities, access to clinical study participants, research services and financial support. Clinician and bench scientists based at VCHRI sites have made many advances in translational research and knowledge exchange, bringing improved health outcomes to patients in the clinical setting.

VCHRI is a vibrant, dynamic part of BC's life sciences sector that attracts millions of dollars in funding from out of province, creates better health outcomes, and generates employment and biotech spinoff through its research activities and clinical and commercial output.

The productive academic relationship that exists between VCHRI and UBC positions both as leaders in translational health research. As a recognized institute of the University of British Columbia, VCHRI will contribute in an enduring way to innovation and collaboration with members of the University community within the different areas of translational research.



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THE UNIVERSITY OF BRITISH COLUMBIA

Provost and Vice President Academic  
Walter C. Koerner Library  
1958 Main Mall  
Vancouver, BC Canada V6T 1Z2

Phone 604 822 4948  
Fax 604 822 3134

## MEMORANDUM

August 30, 2011

To: Senate, Vancouver  
c/o Lisa Collins, Manager of Secretariat Services

From: David H. Farrar  
Provost and Vice President Academic

A handwritten signature in black ink, appearing to read 'DAF', followed by a horizontal line.

Re: **Change in Name from the James Hogg iCAPTURE Centre to the UBC James Hogg Research Centre**

### Recommendation:

That Senate approve the change in name from the James Hogg iCAPTURE Centre to the UBC James Hogg Research Centre

### Rationale:

The rationale for the name change comes from the evolution and improvement in representing the Centre more concisely as a major unit under the new public friendly umbrella name, *Institute for Heart + Lung Health*.

The James Hogg iCAPTURE Centre is a Senate approved Centre.

Enclosed is a summary of information submitted for consideration at the April 4, 2011 Faculty Executive Meeting. The proposal to change the name was approved by Faculty Executive on June 21, 2011.

### Attachments:

1. Letter, dated June 23, 2011 from Dr. Gavin Stuart, Dean, Faculty of Medicine, and Vice Provost Health, to Dr. David Farrar, Provost and Vice President Academic
2. Letter, dated June 3, 2011 from the Institute for HEART + LUNG Health to Dr. George Mackie, Interim Executive Associate Dean, Faculty of Medicine, from Dr. Bruce McManus, Professor, Department of Pathology and Laboratory Medicine.



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Faculty of Medicine  
Dean's Office  
317 - 2194 Health Sciences Mall  
Vancouver, BC Canada V6T 1Z3

Phone 604 822 2421  
Fax 604 822 6061  
www.med.ubc.ca

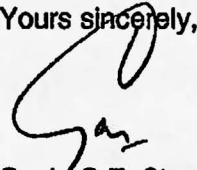
June 23, 2011

Dr. David Farrar  
Provost and Vice President, Academic  
6<sup>th</sup> Floor, Koerner Library  
1958 Main Mall  
University of British Columbia

  
Dear Dr. Farrar:

I am writing to request that you arrange for UBC Senate to approve a name change for one of the Senate approved Centres. The proposal to change the name of the James Hogg ICAPTURE Centre to the UBC James Hogg Research Centre is enclosed. This proposal was approved by Faculty Executive on June 21, 2011. I would appreciate it if this could be brought forward to the next meeting of Senate for approval.

Yours sincerely,

  
Gavin C.E. Stuart, MD, FRCSC  
Dean, Faculty of Medicine  
Vice Provost Health, UBC

enclosure



Institute for  
**HEART+LUNG Health**  
Strong beats. Clear breaths. Full lives.

June 3, 2011

Dr. George Mackie  
Interim Executive Associate Dean  
Faculty of Medicine  
317 - 2194 Health Sciences Mall  
Vancouver, BC Canada V6T 1Z3

Dear Dr. Mackie:

**RE: Formal Request for Centre Name Change**

As respectfully submitted on March 30, 2011, we are requesting a formal name change for the Centre.

**The following information was submitted for consideration at the April 4<sup>th</sup> Faculty Executive Meeting:**

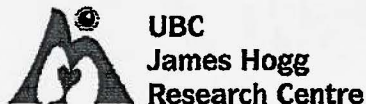
The James Hogg iCAPTURE Centre (Imaging, Cell Analysis, and Phenotyping Toward Understanding Responsive, Reparative, Remodeling, and Recombinant Events) at St. Paul's Hospital, is a UBC Senate-approved research centre supported collaboratively by the Faculty of Medicine of UBC and Providence Health Care. Built on a 30 year history of research excellence, the iCAPTURE Centre was created in 2000 with the infusion of \$21 million of infrastructure funding from the Canada Foundation for Innovation and its partners.

At present the iCAPTURE has over 250 personnel working towards solving the problems of heart, lung, and blood vessel diseases. Lead by Director, Dr. Bruce McManus and an Executive Team, investigators, trainees and staff in the iCAPTURE Centre are using the best available technology to image and measure changes in molecules, cells, tissues, organs and whole organisms, including patients, in order to understand the link between our genes and environments in causing heart, lung, and blood vessel diseases. The role of inflammation and virus infections in the initiation and progression of disease is a central current of emphasis for the 250 staff of the Centre.

The iCAPTURE Centre is a component Centre within the Institute for Heart + Lung Health (IHHL) for which Dr. McManus serves as Co-Director. As well, in consideration of many cross-appointees between iCAPTURE and the Pacific Lung Health Centre, and links to the Centre for Health Evaluation and Outcome Sciences (CHEOS), there is great synergy from laboratory to clinic and community.



We would like to request formal approval for a name change to the UBC James Hogg Research Centre. The revised name has been discussed on numerous occasions at Centre staff and Executive meetings and was formally ratified at the March 29, 2011 Centre Quarterly Meeting.



The new name would be effective upon final approval by the University of British Columbia Senate. Once official approval is received, all current logos and branding material will be changed and all associated UBC Departments, including Finance and ORS will be notified.

**In response to Faculty Executive member questions on April 4th we provide the following clarification:**

**Q: Why does the James Hogg Research Centre not also say for 'Cardiovascular and Respiratory Research'?**

For our first large scale CFI success in 2000, the name ICAPTURE (Imaging, Cell Analysis, And Phenotyping Towards Understanding Responsive, Reparative, Remodeling and Recombinant Events) [originally to the 4th exponent R to reflect Poiseuille's equation for flow] was created. Over time, the exponent was removed for administrative purposes and "for Cardiovascular and Pulmonary Research" was included as an ending to clarify to the public and/or politicians where our research emphasis was focused.

As a major unit under the new public friendly umbrella name, *Institute for Heart + Lung Health*, the UBC James Hogg Research Centre can be more concise, and does not need to do "all of the work" to bring attention for collaborators, donors, investors, politicians, etc. With the honoring of the founder of the laboratory, Jim Hogg, by naming it after him, there is no need for cardiovascular and pulmonary at the end, since everyone is aware of the exemplary and prolific research and mentoring record that he has produced. The logo for the Centre shows a heart, two lungs, and a partially occluded blood vessel.

**Q: Will the name change again?**

There have been eight previous name changes of the Centre or components of it since 1977; from the Pulmonary Research Laboratory to the now requested UBC James Hogg Research Centre. Things evolve and improvement in representing who we are will never completely end.

- Pulmonary Research Laboratory (1977.....)
- McDonald Research Laboratory (1984.....)
- Cardiovascular Research Laboratory (1993.....)
- Atherosclerosis Specialty Laboratory (1994.....)



- McDonald Research Laboratories (1994.....)
- Vancouver Vascular Biology Research Center (1996.....)
- ICAPTURE Centre for Cardiovascular and Pulmonary Research (2000.....)
- James Hogg ICAPTURE Centre (2003.....)
- UBC James Hogg Research Centre (June 2011.....)

We hope that this additional information helps to clarify our request. We look forward to hearing from you soon in this regard.

With warm regards,

Bruce M. McManus, MD, PhD, FRSC, FCAHS  
Professor, Department of Pathology and Laboratory Medicine, UBC  
Co-Director, Institute for Heart + Lung Health  
Director, James Hogg ICAPTURE Centre  
Director, NCE CECR Centre of Excellence for Prevention of Organ Failure



## **MEMORANDUM**

**August 30, 2011**

**To:** Senate, Vancouver  
c/o Lisa Collins, Manager of Secretariat Services

**From:** David H. Farrar  
Provost and Vice President Academic

A handwritten signature in black ink, appearing to read 'DHF', followed by a horizontal line.

**Re:** Killam Postdoctoral Fellow Research Prize Guidelines – 2011

### **Recommendation:**

That Senate approve the Killam Postdoctoral Fellow Research Prize Guidelines – 2011, as attached.

### **Rationale:**

Established in 2011, the Killam Postdoctoral Fellow Research Prizes are awarded annually for excellence in research. Two prizes in the amount of \$5,000 each will be awarded to fulltime Postdoctoral Fellows at UBC in recognition of outstanding research and scholarly contributions while at UBC. All fields of research are included.

The awards are adjudicated by a subcommittee within the Faculty of Graduate Studies.

The Guidelines, attached, provide a framework for the eligibility and nomination of a potential candidate.

### **Attachment:**

1. Killam Postdoctoral Fellow Research Prize Guidelines – 2011 (2 pages)



## **Killam Postdoctoral Fellow Research Prize Guidelines – 2011**

Established in 2011, the Killam Postdoctoral Fellow Research Prizes are awarded annually for excellence in research. Two prizes in the amount of \$5,000 each will be awarded to fulltime Postdoctoral Fellows at UBC in recognition of outstanding research and scholarly contributions while at UBC. All fields of research are included.

The awards are adjudicated by a subcommittee within the Faculty of Graduate Studies.

### **Eligibility**

Nominees must have held an appointment at UBC for at least 12 months as of the closing date for nominations.

- The Killam Postdoctoral Fellow Research Prize may be awarded only while the recipient is a full-time member of UBC at the time of the award.
- A postdoctoral fellow is eligible for only one Postdoctoral Fellow Research Prize.

### **Nominators**

The supervisor and one other faculty member in the nominee's Faculty must nominate them. Nominators will complete all documentation and submit it to the Dean of their Faculty. The Dean will forward one nominee for their Faculty with a complete dossier for adjudication by the Faculty of Graduate Studies Awards Committee.

### **Documentation Required for Nomination**

Please create a nomination package including the following documents in the order listed. Only one copy is required. Electronic submissions can be sent to [hourik.khanlian@ubc.ca](mailto:hourik.khanlian@ubc.ca) using a secure .pdf file for scanned signed letters and the nomination form.

1. **Completed Nomination Form** (NEED download site: can be downloaded at: <http://www.research.ubc.ca/forms.aspx> )

Unsuccessful nominations are not carried forward to the next competition; a completely new application dossier is needed, including new external letters of reference.

2. **50-Word Citation**

- In 50 words or fewer, summarize the nominee's primary scholarly contribution using a language that would be understood by a non-expert.

Questions? Contact: [hourik.khanlian@ubc.ca](mailto:hourik.khanlian@ubc.ca), 604-827-5394

**Deadline:** October 1, 2011



**3. Nomination Letter**

- Nominators are asked to submit ONE collective letter, signed by all nominating individuals and showing clearly the name and title and affiliation of nominators.

**4. Curriculum Vitae**

- This must include an up-to-date, complete list of his or her publications.

**5. External Support Letters**

- The nominators must collect TWO external letters of support for inclusion in the nomination dossier.
- The TWO references are deemed crucial in the selection process. These letters should be objective assessments of the quality of the candidate's research/scholarly contribution during his/her time at UBC.
- One referee may be the supervisor of the nominee's PhD thesis and the other referee should be internationally recognized in their field.

**Award Contact**

Hard-copy nominations can be sent to:

**Postdoctoral Office**

Attn: Hourik Khanlian, Faculty of Graduate Studies, 170-6371 Crescent Road, Vancouver BC, V6T 1Z2

**Deadline:** October 1, 2011, 4:30 PM PST

Questions? Contact: [hourik.khanlian@ubc.ca](mailto:hourik.khanlian@ubc.ca), 604-827-5394

**Deadline:** October 1, 2011



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Phone 604 822 4948  
Fax 604 822 3134

## **MEMORANDUM**

**August 30, 2011**

**To: Senate, Vancouver**  
**c/o Lisa Collins, Manager of Secretariat Services**

**From: David H. Farrar**  
**Provost and Vice President Academic**

A handwritten signature in black ink, appearing to read 'DHF', followed by a horizontal line.

**Re: Student Evaluation of Teaching – Report to Senate**

**For Information:**

**In accordance with the Senate Policy on Student Evaluation of Teaching, I am pleased to forward the 2009 and 2010 Report to Senate on Student Evaluation of Teaching.**

**Attachment:**

- 1. Provost and VP Academic Report to Senate - Student Evaluation of Teaching, dated August 2011 (8 pages)**



## **STUDENT EVALUATION OF TEACHING**

### **REPORT TO SENATE**

Implementation of the Student Evaluation of Teaching (SEoT) policy has continued over the last two years (2009 and 2010). Most of the Faculties have adopted on-line administration and several have added Faculty and/or Department specific modules to the instrument.

#### ***Administration of Evaluations***

The Senate Policy does not prescribe a method of data collection. At present, ten of twelve Faculties are collecting data online through the centrally provisioned and locally managed CoursEval system. The School of Medicine is collecting data online using another system for students in its medical program (but because of the nature of their courses is not collecting responses to the University Module Items); several Departments in Medicine are using the centrally provisioned system. The Faculty of Education commenced online evaluations in 2010S; the Faculty of Forestry implemented the online system in 2010W. The Sauder School of Business continues to collect information using paper-based methods.

#### **RESULTS**

The results for the University Module Items are relatively consistent over time as the data for 2009W and 2010W indicate below.

#### ***2009W Scope***

Results for 6,754 unique instructor and course combinations were submitted to the University, for those courses in which the University Module Items were administered.



**Table 1. Scope of 2009W Implementation<sup>1</sup>**

FACULTY	NUMBER OF INSTRUCTORS EVALUATED <sup>2</sup>					
	100 Level	200 Level	300 Level	400 Level	Grad	Total
Applied Science	33	176	166	224	205	804
Arts	523	421	701	500	339	2,484
Commerce		92	174	165	280	711
Dentistry		2	1	62		65
Education	18	22	246	160	221	667
Forestry	3	20	28	38	15	104
College of Health Disciplines		2	2	8		12
Land & Food Systems	1	30	49	42	9	131
Law	31	28	65	89	17	230
Medicine			109	100	90	299
Pharmaceutical Sciences		22	31	46	7	106
Science	361	216	279	204	185	1,245
<b>TOTAL</b>	<b>970</b>	<b>1031</b>	<b>1851</b>	<b>1638</b>	<b>1368</b>	<b>6,858</b>

<sup>1</sup> In accordance with the Senate Policy, courses of an independent nature, sections with very small enrolments and those where other forms of evaluation are more appropriate are not included in this analysis.

<sup>2</sup> Unique course section combination.



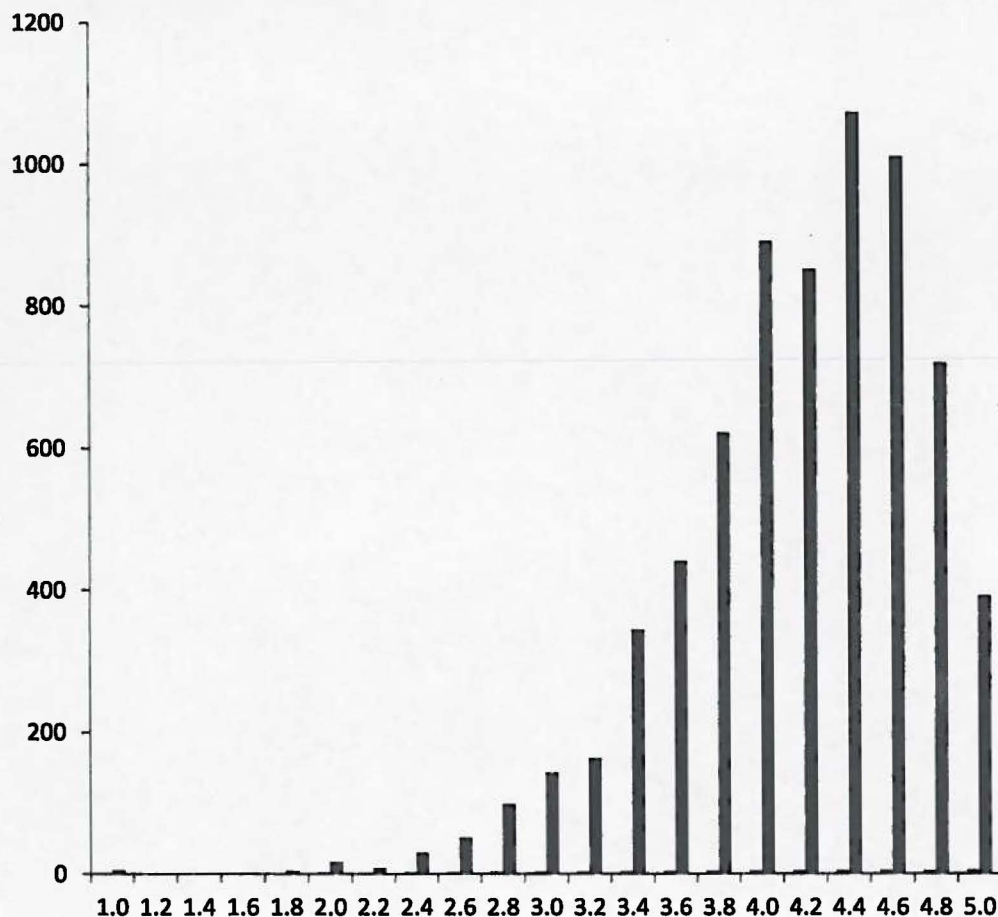
**Table 2. 2009W Results by Year Level<sup>1</sup>**

UMI	Year Levels					
	100 Level	200 Level	300 Level	400 Level	Grad	Average
1. The instructor made it clear what students were expected to learn	4.1	4.1	4.1	4.1	4.2	4.1
2. The instructor communicated the subject matter effectively	4.0	4.0	4.1	4.1	4.2	4.1
3. The instructor helped inspire interest in learning the subject matter	3.8	3.9	4.0	4.1	4.2	4.0
4. Overall evaluation of student learning (through exams, essays, presentations, etc.) was fair	3.9	3.9	4.0	4.1	4.2	4.0
5. The instructor showed concern for student learning	4.0	4.1	4.2	4.2	4.4	4.2
6. Overall the instructor was an effective teacher	4.0	4.0	4.1	4.1	4.2	4.1

<sup>1</sup> Based on a 5-point scale, where 1= Strongly Disagree, 2 = Disagree, 3 = Neutral, 4 = Agree, 5 = Strongly Agree



**Figure 1. The Overall Quality of Teaching (UMI 6) in 2009W**



As assessed by students, the overall quality of teaching at UBC is 4.1 (standard deviation = .57) on a five point scale. 72% of faculty members are assessed at 4 or higher and only 5% received evaluations below 3.



### 2010W Scope

Results for 6,750 unique instructor and course combinations were submitted to the University, for those courses in which the University Module Items were administered.

**Table 3. Scope of 2010W Implementation<sup>1</sup>**

FACULTY	NUMBER OF INSTRUCTORS EVALUATED <sup>2</sup>					
	100 Level	200 Level	300 Level	400 Level	Grad	Total
Applied Science	37	170	155	210	249	821
Arts	549	394	691	486	343	2463
Commerce	8	45	132	151	153	489
Dentistry	2	3	1	77	2	85
Education	26	51	362	129	254	822
Forestry	4	23	26	39	18	110
College of Health Disciplines		2	2	10		14
College for Interdisciplinary Studies					5	5
Land & Food Systems	1	39	44	38	39	161
Law	30	24	68	85	11	218
Medicine			105	105	79	289
Pharmaceutical Sciences		18	22	46	11	97
Science	348	215	274	178	161	1176
<b>TOTAL</b>	<b>1005</b>	<b>984</b>	<b>1882</b>	<b>1554</b>	<b>1325</b>	<b>6750</b>

<sup>1</sup> In accordance with the Senate Policy, courses of an independent nature, sections with very small enrolments and those where other forms of evaluation are more appropriate are not included in this analysis.

<sup>2</sup> Unique course section combination.



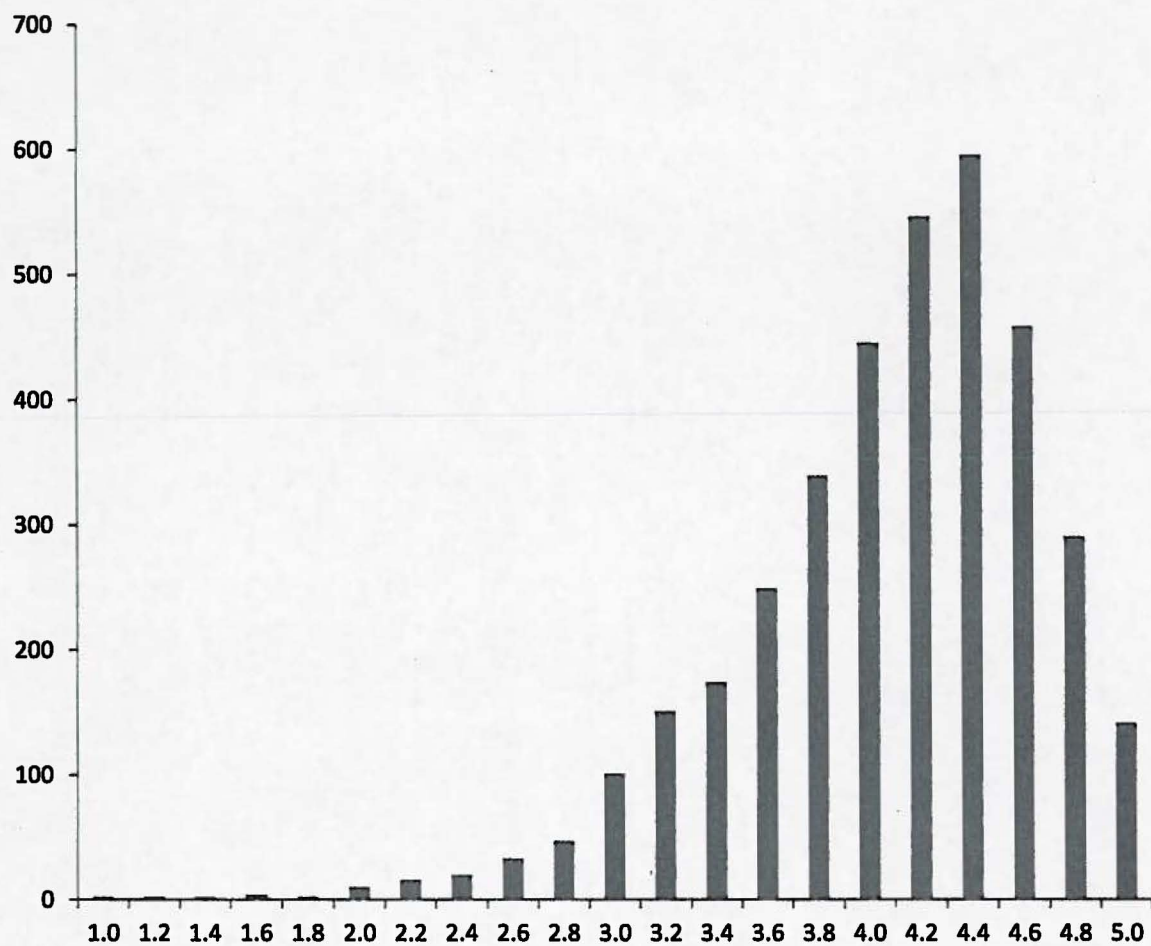
**Table 4. 2010W Results by Year Level<sup>1</sup>**

UMI	Year Levels					
	100 Level	200 Level	300 Level	400 Level	Grad	Average
1. The instructor made it clear what students were expected to learn	4.1	4.1	4.1	4.1	4.2	4.1
2. The instructor communicated the subject matter effectively	4.1	4.0	4.1	4.1	4.2	4.1
3. The instructor helped inspire interest in learning the subject matter	3.9	4.0	4.1	4.1	4.3	4.1
4. Overall evaluation of student learning (through exams, essays, presentations, etc.) was fair	4.0	4.0	4.0	4.1	4.2	4.1
5. The instructor showed concern for student learning	4.1	4.2	4.2	4.3	4.4	4.2
6. Overall the instructor was an effective teacher	4.1	4.0	4.1	4.2	4.3	4.1

<sup>1</sup> Based on a 5-point scale, where 1= Strongly Disagree, 2 = Disagree, 3 = Neutral, 4 = Agree, 5 = Strongly Agree



**Figure 2. The Overall Quality of Teaching (UMI 6) in 2010W**



As assessed by students, the overall quality of teaching at UBC is 4.1 (standard deviation =.54) on a five point scale. 69% of faculty members are assessed at 4 or higher and 3% received evaluations below 3.



## SEOT IMPLEMENTATION

The SEoT Committee monitors the implementation process and commissioned the following additional studies to better understand the impact of the selected variables on the evaluation process and outcomes. All studies are listed below and are reported at

<http://teacheval.ubc.ca/resources/>:

- Study of Gender by Field of Study  
This study revealed that female students tended to rate female instructors more highly than male instructors, while male students rated female and male instructors equally. Mean scores for the Social Sciences were higher than for Science, however this effect was only shown for the female students. Finally, when student groups were combined, female instructors were rated more highly than male instructors.
- Examinations of the Effects on Average UMI Ratings of Online vs. Paper-and-Pencil  
This study showed that online administration of UMIs had slightly lower ratings (less than .1 on average) than the paper-and-pencil version for the Faculty of Arts and Faculty of Science. Further study would be needed to determine whether this was due to difference in administration or normal year to year variation.
- Student Evaluations of Teaching Report: Compilation of Studies related to Response Rates  
This series of studies demonstrated that response rates decreased from paper to online administrations. The drop in response rates was larger for the Faculty of Arts (76% to 60%) than for the Faculty of Science (66% to 63%). Mean ratings of instructors, however, have not shown meaningful differences between paper and online versions or between two online administrations of teaching evaluations.
- Two Years of Online Administration in Arts and Science  
This study showed that smaller courses had larger response rates, although this correlation was small for online administrations. Additionally, ratings were moderately stable and did not show meaningful changes over two online administrations for instructors that taught the same course.

Research questions of interest to faculty members can be submitted to [seot.research@ubc.ca](mailto:seot.research@ubc.ca).

A series of 'Wisdom Through Reflective Practice' workshops designed to help faculty members interpret and use the SEoT results for continuing improvement of their teaching practice were offered to the University community through TAG/CTLT.

Consistent with the SEoT Policy, a password protected website has been launched to provide access to University Module Items (UMIs) results of faculty members who have consented to their disclosure.

A number of Department specific statistical analyses were prepared and shared with units upon request.

## NEXT STEPS

The Standing Committee will continue to monitor the implementation process. In collaboration with the AMS, the committee continues to explore ways to encourage students to participate in SEoT as fully as possible.

# >CIRS is a FOCAL POINT for Sustainability Research

*The entire UBC campus is an experiment in sustainability, a 402-hectare city in which to test, learn, teach, apply and share the outcomes of sustainability focused inquiries. Our goal is to apply—across the campus and, with the help of partners, in the marketplace—what is learned in CIRS.*

UBC students, faculty members, staff and partners come together in CIRS to explore new sustainability technologies, tools and approaches. The CIRS research program, a cornerstone of these collaborative efforts, studies three areas:

- > BUILDING DESIGN AND OPERATION. Researchers study predicted and actual performance of the building and measure its components, resource use, and how the inhabitants interact with the building.
- > COMMUNITY ENGAGEMENT. The BC Hydro Theatre provides advanced visualization and interaction technologies to engage audiences in exploring sustainable futures.
- > POLICIES AND PARTNERSHIPS. Researchers evaluate the gap between policy intent and actual results after implementation.

CIRS' research goals and strategies start at a regional level with activities in Vancouver and British Columbia. This local collaboration will result in a multitude of innovative strategies, technologies and policies and help springboard them to export and commercialization in the global marketplace. Partners take CIRS research beyond the UBC campus, becoming true agents of change.

CIRS exists to accelerate sustainability. If CIRS accomplishes its mission, it will not be at the forefront of sustainable building practice. It will be one of many truly sustainable buildings.

## Find us

CIRS Centre for Interactive Research on Sustainability  
2260 West Mall  
Vancouver, B.C. V6T 1Z4  
[www.cirs.ubc.ca](http://www.cirs.ubc.ca)

## Contact us

UBC Sustainability Initiative  
604-822-9376  
[www.sustain.ubc.ca](http://www.sustain.ubc.ca)

Greenhouse gas emissions from the paper lifecycle, the transport, and the printing of this item have been offset through investments in energy efficiency and non-fossil fuel energy technologies.



## The CIRS numbers

0

Structural concrete or steel above the ground floor, creating a low environmental footprint.

500

Tons of carbon sequestered by wood used in CIRS.

0

Wall-mounted light switches and wiring through walls. Lighting is controlled through inhabitants' computers.

100%

Amount of building's water demand that comes from rain.

100,000

Capacity in litres of CIRS' rainwater storage tank.

275

Megawatt hours per year of surplus scavenged energy, making CIRS net positive on energy use.

100%

Liquid waste treated and recycled on-site.

4

Net positive categories: energy, operational carbon, water quality, and structural carbon.

1

Projected to become first UBC LEED Platinum building and first certified Living Building.

# CIRS is a place for BIG IDEAS that make BIG IMPACTS."

— John Robinson, Executive Director, UBC Sustainability Initiative

## SUSTAINABILITY

defines UBC as a university. Little wonder our newest project redefines the term "green building."

The Centre for Interactive Research on Sustainability (CIRS) is designed to be the most innovative high-performance building in North America. CIRS is a focal point for sustainability research and partnerships, teaching and learning, and operational activities on the University of British Columbia's Vancouver campus. CIRS is a research centre that addresses some of the world's most pressing global sustainability challenges.

## A REGENERATIVE

building process

CIRS is a test bed demonstrating that buildings can draw from a site's available resources and contribute back to them. Researchers evaluate how a building can become restorative by being net positive, reducing a community's energy use and emissions, improving water quality, and sequestering more carbon than emitted in construction and decommissioning at the end of its life.

## A LIVING

laboratory

CIRS provides an opportunity to monitor energy, water and mass flows as well as impacts. Treating the building as a process rather than a product facilitates interactions between inhabitants and the building as well as key building components and systems development. This ongoing study will enable continual improvements.

## A HUMANE

building

A restorative building improves environmental quality on a campus and in a city, as well as increasing human quality of life. CIRS researchers measure this through extensive data collection and analysis.

## A platform for CHANGE

CIRS accelerates sustainability by bringing people, projects and processes together in new ways. Support from CIRS strategic alliance partners—BC Hydro, Modern Green Development Inc., Honeywell and Haworth Inc.—as well as other CIRS funders and supporters, ensures it is home to some of the most progressive research and studies happening worldwide. It integrates disciplines and industries to address immediate and future needs of communities and policy makers.

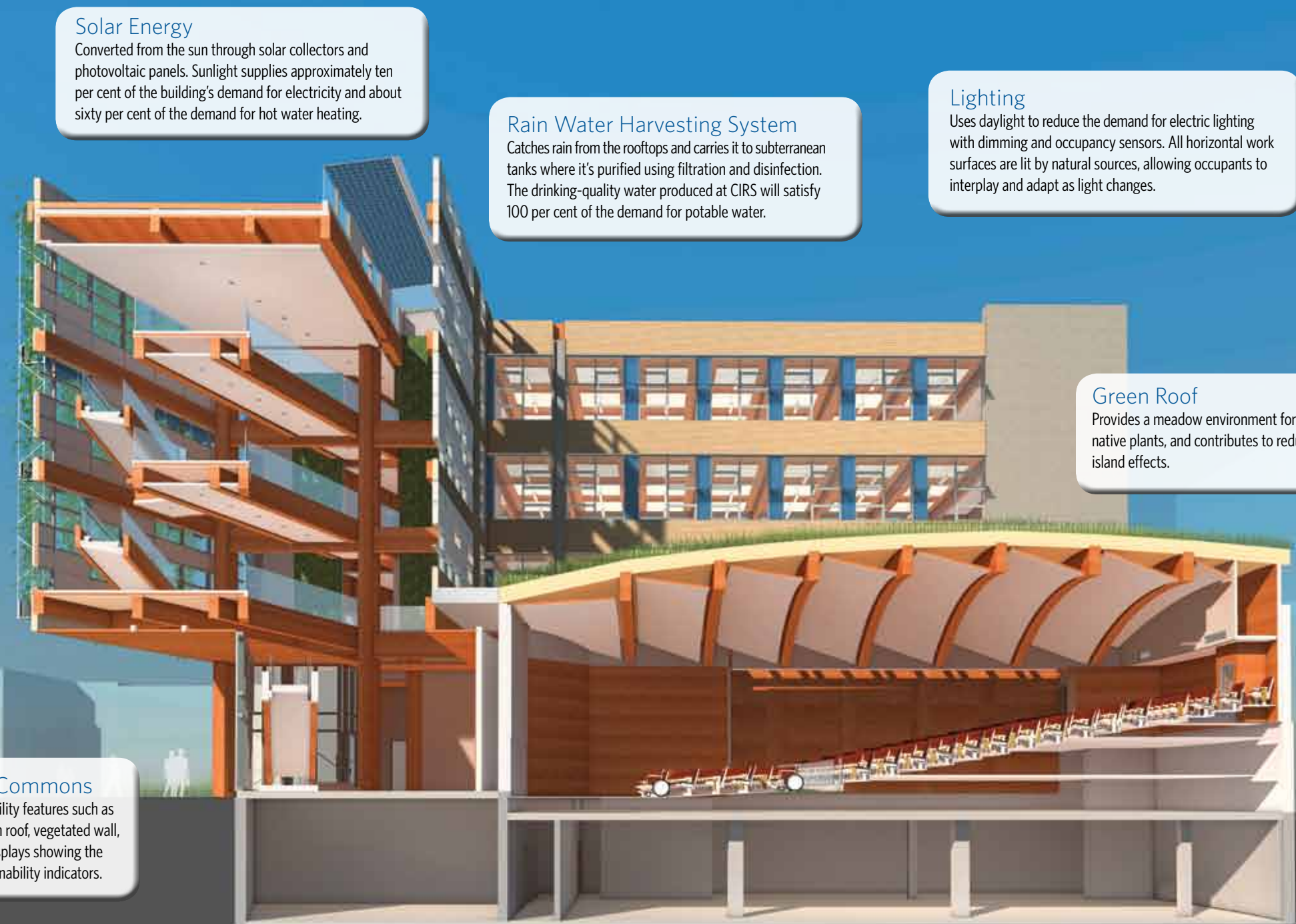


a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

# THE CIRS BUILDING

is extraordinary in architecture and regenerative features.  
It is a living laboratory for sustainability.



### Wood Building

Demonstrates wood as a viable construction material for commercial buildings. CIRS uses both pine beetle-damaged and certified wood throughout. Wood locks in carbon and eliminates GHG emissions that would have resulted from using other materials such as concrete and steel.

### Solar Energy

Converted from the sun through solar collectors and photovoltaic panels. Sunlight supplies approximately ten per cent of the building's demand for electricity and about sixty per cent of the demand for hot water heating.

### Rain Water Harvesting System

Catches rain from the rooftops and carries it to subterranean tanks where it's purified using filtration and disinfection. The drinking-quality water produced at CIRS will satisfy 100 per cent of the demand for potable water.

### Lighting

Uses daylight to reduce the demand for electric lighting with dimming and occupancy sensors. All horizontal work surfaces are lit by natural sources, allowing occupants to interplay and adapt as light changes.

### Waste Energy System

Reclaims energy previously released into the air from nearby Earth and Ocean Sciences building (EOS). Waste energy satisfies 100 per cent of the demand for space heating in CIRS. Surplus heat is returned to EOS, reducing UBC's GHG emissions and use of natural gas.

### Deciduous Facade (Living Wall)

Provides cooling through shade during the summer and allows warmth from the sun's rays to be absorbed by the building in winter. This vegetated wall of vines is three stories tall, and uses rainwater for irrigation.

### Café

Serves fresh, distinctive and organic choices that reflect local flavours. There is no disposable packaging on site, which minimizes carbon and environmental footprints.

### Green Roof

Provides a meadow environment for birds, insects and native plants, and contributes to reducing urban heat island effects.

### Lecture Hall

Uses daylight as its major lighting source. This 450-seat auditorium features state-of-the art audiovisual facilities and serves as a classroom for undergraduate courses.

### Science and Technology Commons

Visually connects visitors to key sustainability features such as solar collectors, photovoltaic panels, green roof, vegetated wall, wastewater system, water feature, and displays showing the building's performance and campus sustainability indicators.

### Geothermal Heating and Cooling

Transfers thermal energy between the building and the ground depending on the season, using a geo-exchange system.

### BC Hydro Theatre

Features advanced visualization and interaction technologies to engage audiences in simulations of sustainability scenarios. Groups "fly" to different locations, visualize a region now and in the future, and manipulate information using wireless devices connected to large visual display screens to consider the potential impacts of climate change, energy use and sustainability.

### Wastewater Treatment System

Treats and recycles wastewater from CIRS and campus buildings for continual use. Cleansing process uses solar aquatics and constructed wetlands. Reclaimed water is used for flushing toilets and for irrigation.

# SUSTAINABILITY WALK

a walking tour of UBC  
Vancouver, BC, Canada



Sustainability is in the DETAILS at UBC.

Above left, tiny mirrors in the solar canopy at the Biological Sciences Building light interior fixtures. Moving clockwise, cross-laminated timber features prominently in the Earth Systems Science Building. Photovoltaic panels at CIRS convert sunlight into electricity. The gravel trench at the C.K. Choi Building cleanses wastewater naturally.

On the cover, trees are reflected in the windows of the Fred Kaiser Building, which feature a heat-repellant ceramic coating.

Learn more about UBC's sustainability efforts at [www.sustain.ubc.ca](http://www.sustain.ubc.ca)

Connect with the Centre for Interactive Research on Sustainability at [www.cirs.ubc.ca](http://www.cirs.ubc.ca)

Explore UTown@UBC at [www.planning.ubc.ca](http://www.planning.ubc.ca)

Request guided tours of UBC green buildings online at [www.sustain.ubc.ca/tours](http://www.sustain.ubc.ca/tours)



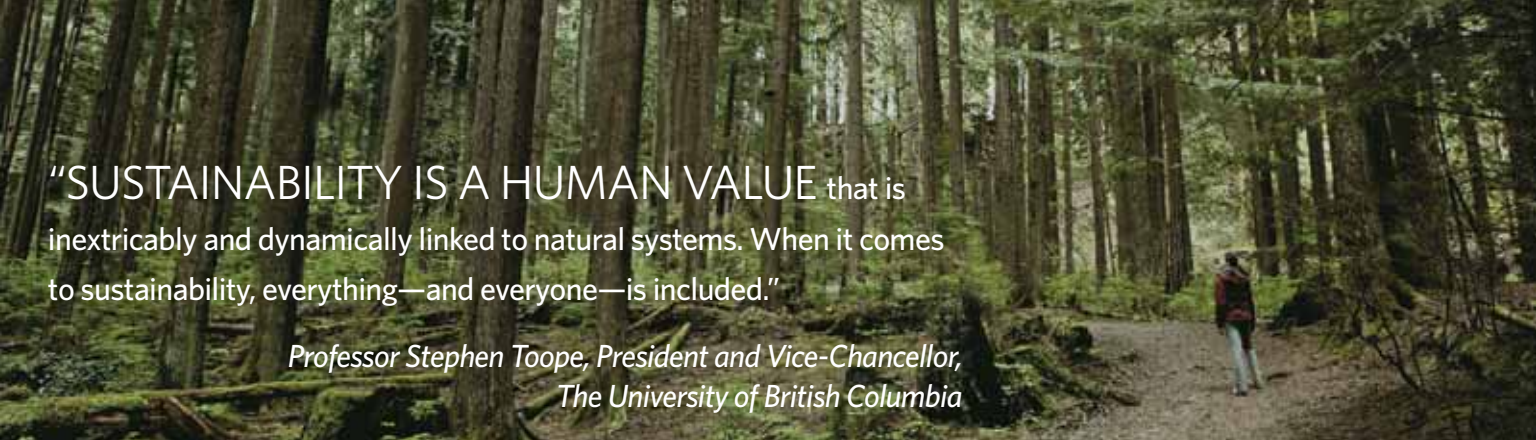
September 2011



a place of mind  
THE UNIVERSITY OF BRITISH COLUMBIA



a place of mind  
THE UNIVERSITY OF BRITISH COLUMBIA



“SUSTAINABILITY IS A HUMAN VALUE that is inextricably and dynamically linked to natural systems. When it comes to sustainability, everything—and everyone—is included.”

*Professor Stephen Toope, President and Vice-Chancellor,  
The University of British Columbia*

## UBC has long been at the FOREFRONT OF SUSTAINABILITY.

In 1997, we were the first university in Canada to make a formal commitment to sustainability and, a year later, to open a campus sustainability office.

UBC professors and students have launched scores of sustainability initiatives including establishing the carbon offset company used by the Vancouver 2010 Olympic Winter Games, originating the concept of an ecological footprint, and opening the Centre for Interactive Research on Sustainability (CIRS).

It is through our collective efforts in education, research, partnerships, and operations that the UBC Sustainability Initiative advances sustainability on the Vancouver campus and beyond. Our goal is to *commit, integrate, demonstrate* and *inspire*.

**COMMIT** UBC supports a more sustainable future by advancing sustainability debates, technologies, instruction and discoveries. In 2007, we met our Kyoto targets for reducing greenhouse gas (GHG) emissions and, in 2010, set some of the most aggressive GHG-reduction targets among the world’s top 40 universities.

**INTEGRATE** UBC reaches across traditional boundaries of disciplines, sectors and geographies to establish partnerships and collaborations. We invite participants from across the academic and operational areas of the University as well as the larger community to join the conversation.

**DEMONSTRATE** We’re using the entire UBC campus as a living laboratory to test, learn, teach, apply and share the outcomes of our inquiries. UBC is investing \$150 million in four climate goal-related projects: continuous optimization, hot water conversion, the Bioenergy Demonstration and Research Project and CIRS.

**INSPIRE** UBC is creating opportunities for learning that inspire our community of students, faculty, staff, alumni and partners. For example, we are establishing “learning pathways” that allow any student, regardless of their degree program, to include sustainability in their studies.

UBC is the **FIRST CANADIAN UNIVERSITY** to achieve a STARS Gold rating through the Association for the Advancement of Sustainability in Higher Education’s Sustainability Tracking, Assessment & Rating System.

## SUSTAINABILITY ...by the numbers

33%

UBC’s target for reducing greenhouse gas emissions (from 2007 levels) by 2015. Further targets are 67 per cent by 2020 and 100 per cent by 2050.

350+

Sustainability-related courses offered by UBC.

25

Sustainability-related UBC degree programs.

500

SEEDS projects that have brought together students, faculty, and staff to contribute to operational sustainability .

125

Tonnes of waste UBC Food Services avoided producing in 2010 through composting and the use of biodegradable products.

2,000+

UBC students engaged in community-based experiential learning in BC communities, including Vancouver’s Downtown Eastside in the 2009-2010 academic year.

# BUILDING FOR A SUSTAINABLE FUTURE

THE CENTRE FOR INTERACTIVE RESEARCH ON SUSTAINABILITY (CIRS) brings together extraordinary architecture and regenerative features under one roof. Here, UBC faculty, staff, students and partners work collaboratively to explore new sustainability technologies, tools and approaches. Lessons learned at CIRS will be applied on campus and, ultimately, in the local and global marketplace.

*You are welcome to step inside the main doors of CIRS and, using this map as your reference, visit the public areas of the building.*

## Solar Energy

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# SUSTAINABLE CAMPUS WALKING TOUR

TIME NEEDED: 60 to 90 minutes    DISTANCE: 2.5 kilometres

UBC'S SUSTAINABILITY EFFORTS, EXPERIMENTS AND ACCOMPLISHMENTS can be seen in every corner of UBC's Vancouver campus. From the sustainability features we incorporate in our buildings to the sustainability information we share through courses and research, the University aims to inspire our community of 50,000 students, faculty and staff to make sustainability part of their daily lives.

Many of our ideas for sustainable learning, working and living were conceived—and are reflected—in the buildings on campus. We encourage you to take a peek inside our buildings during regular office hours, but please do so quietly—the UBC community is hard at work!

UBC IS COMMITTED TO ENSURING ALL NEW BUILDINGS ARE CERTIFIED LEED® GOLD OR BETTER. The LEED Green Building Rating System® accelerates the global adoption of sustainable green building and development practices. At present, 10 campus buildings are LEED registered (Platinum, Gold and Silver) and two are LEED Gold certified.

## 1 C.K. CHOI BUILDING

1855 West Mall

The **C.K. Choi Building for The Institute of Asian Research** set new green building benchmarks worldwide when it opened in 1996. As UBC's first green building, it uses about 23 per cent less energy than a standard building, thanks in part to its large windows that let in natural light and fresh air for ventilation. Fifty per cent of its building materials came from former buildings and streets, including the 400-year-old red bricks and the wood beams from UBC's old Armoury. The building's composting toilets save 1,000 litres of water per day, and the plant-lined gravel trench along the front of the building cleanses wastewater naturally.

> Walking north along West Mall to Crescent Road, you'll see the **Liu Centre for Global Issues** that, like the C. K. Choi Building, features windows that maximize daylight. If time permits, visit the building's entry courtyard to view the rare, large-specimen Katsura tree around which the building was sited. Turn right on Crescent Road and walk to the **Flag Pole Plaza**. Take in the spectacular views, then walk south on Main Mall.

The next three stops showcase buildings renovated through the **UBC RENEW PROGRAM**, which upgrades buildings that would otherwise be replaced, and makes them more sustainable. UBC Renew minimizes the financial and environmental impacts of demolition and new construction and preserves heritage buildings.

## 2 BUCHANAN COMPLEX

1866 Main Mall

The **Buchanan Complex** was originally built in the 1950s and recently underwent a major renovation. The complex's renovation budget was just 67 per cent of the cost of a new building, and 70 per cent less materials were used during construction. LEED certification (Silver or Gold) is pending.

> Continue south along the Main Mall's wide-open road, designed for walking and cycling, and take note of the inviting public spaces in front of the **Irving K. Barber Centre** (with the historic Main Library core maintained) on your left, and the **Koerner Library** on your right. Please excuse any inconvenience caused by our ongoing construction efforts to make UBC even more pedestrian and cyclist friendly.

## 3 CHEMISTRY CENTRE

2036 Main Mall

The **Chemistry Centre**, a heritage building, now boasts state-of-the-art open concept labs and upgraded lecture theatres with advanced audiovisual capabilities. The choice to renovate—rather than demolish and build—kept 313 tonnes of waste out of the landfill, and saved five million litres of water that would've been needed to manufacture new materials and construct a new building. High-efficiency lighting and a heat recovery system reduce energy use by 21 per cent annually.

> Continue walking south along Main Mall, past the intersection with University Boulevard.

## 4 BIOLOGICAL SCIENCES BUILDING

6270 University Boulevard



Walk the length of the recently renovated **Biological Sciences Building** and turn left to see the tiny mirrors on the building's south side. They're part of a "solar canopy" which collects ambient sunlight, concentrates it into a light beam 10 times brighter, then pipes it through a window to interior ceiling fixtures providing overhead lighting.

> Walk south on Main Mall.

Scheduled for completion in 2012, **UBC'S BIOENERGY RESEARCH AND DEMONSTRATION PROJECT** (2337 Lower Mall) will showcase the technical and commercial viability of a combined heat and electrical power bioenergy system. This clean energy project will generate enough steam energy to heat 25 per cent of the campus, and eliminate up to 4,500 tonnes of greenhouse gas emissions per year—that's equivalent to taking 1,150 cars off the road.

## 5 AQUATIC ECOSYSTEMS RESEARCH LABORATORY (AERL)

2202 Main Mall

**AERL** houses many lab facilities, including an Immersion Lab for modeling complex ecosystem behaviour. Natural daylight enters through the building atrium and into all the office and lab spaces. The amount of potable water used for faucets and toilets is 40 per cent less than a standard building. AERL emits 40 per cent less greenhouse gas annually, compared to a standard building.

The green, grassy space beside AERL is the green roof of the **Beaty Biodiversity Museum**. The landscape is kept in its natural state to encourage biodiversity.

> Continuing on Main Mall you'll pass the **Earth Systems Science Building** on your right, featuring eco-savvy cross-laminated timber. On your left, you'll see the **Fred Kaiser Building for Electrical and Computer Engineering**, which has ceramic coating on the glass along the top floor, mimicking the natural shading of trees and keeping the building cool in warm weather.

### ★ YOUR CHOICE...

- > To visit the **Life Sciences Centre**, continue on Main Mall to Agronomy Road and turn left.
- > To shorten the tour, turn right at the **Fred Kaiser Building** and walk down "Stores Road" (renamed **Sustainability Street**) to Stop #7.

## 6 LIFE SCIENCES CENTRE

2350 Health Sciences Mall

Completed in 2004, the **Life Sciences Centre (LSC)** is the largest laboratory building in Canada to achieve LEED Gold certification. The LSC uses up to 40 per cent less energy and 50 per cent less water annually than a conventional laboratory building. The building's two atria are at the core of its environmental and social success—they allow daylight to enter lab spaces, play a key role in the building's natural ventilation system, and provide comfortable gathering spaces.

> Retrace your steps along Agronomy Road. When you cross Main Mall, look left. In the distance you'll see **Hawthorn Place** and the **Old Barn Community Centre**, part of **UTown@UBC**, which is transforming UBC from a commuter campus into a vibrant, complete community where students, faculty, staff and others can live, work and learn.

> Turn right on Main Mall, left on Stores Road and continue to our last stop.

## 7 CENTRE FOR INTERACTIVE RESEARCH ON SUSTAINABILITY

2260 West Mall

The **Centre for Interactive Research on Sustainability (CIRS)** is designed to be the most innovative high-performance building in North America (see features described on overleaf). CIRS is a focal point for sustainability research and partnerships, teaching and learning, and operational activities—a research centre that addresses some of the world's most pressing sustainability challenges.

★ If you have time, visit **THE UBC FARM** (6182 South Campus Road via Wesbrook Mall), 24 hectares of integrated farm and forest lands on the south side of campus. The farm is managed by the Centre for Sustainable Food Systems, which offers interdisciplinary learning, research, and community programs that explore and exemplify new models for sustainable communities. The UBC Farm Market (Saturdays, late June to mid-October) offers 250 varieties of fruits and vegetables, eggs, honey and flowers grown on-site, and features craftspeople and live music. Many of UBC's food outlets use fresh produce from the UBC Farm.

