



SIMON FRASER UNIVERSITY  
ENGAGING THE WORLD

Minutes of a Meeting of the Senate of Simon Fraser University held on  
Monday, June 9, 2014 at 5:30 pm at the West Mall Complex (Room 3210)

## Open Session

**Present:** Andrew Petter, Chair

Abramson, Neil  
Antle, Alissa  
Arzanpour, Siamak  
Birmingham, Elina  
Budra, Paul  
Chapman, Brandon  
Chapman, Glenn  
Chong, Dion  
Chu, Colin  
Craig, John  
Cupples, Claire  
Driver, Jon  
Eikerling, Michael  
Elle, Elizabeth  
Escarcha, Shirin  
Fairey, Elaine  
Fatoba, Kayode  
Flodr, Sarah-Sophia  
Gajdics, Sylvia  
Guttman, Julian  
Huang, Amelia  
Jermias, Johnny  
Jozaghi, Ehsan  
Laitsch, Dan  
Leacock, Tracey  
Leznoff, Daniel  
Liu, Ting (Emma)  
McTavish, Rob  
Myers, Gordon  
O'Neil, John  
Ossinsky, Dimitri  
Pappas, Panayiotis  
Parkhouse, Wade  
Paterson, David  
Percival, Colin  
Pilarinos, Athina

Pinto, Mario  
Quarmby, Lynne  
Rajapakse, Nimal  
Ruben, Peter  
Shapiro, Lisa  
Simpkin, Madelaine  
Smith, Jon  
Spector, Stephen  
Szymczyk, Barbara  
Tingling, Peter  
Wussow, Helen  
Yoon, Paul

**Absent:**

Brennand, Tracy  
Bueckert, Chardaye  
Burley, David  
Chapman, Nicholas  
Delgrande, Jim  
Easton, Stephen  
Gotfrit, Martin  
Hedley, Nick  
Kessler, Anke  
Magnusson, Kris  
Percival, Paul  
Pierce, John  
Shapiro, Daniel  
Shaw, Chris  
Somers, Julian  
Taylor, Carole

**In Attendance:**

Dickinson, Peter  
Waterhouse, Terry  
Zwagerman, Sean

**1. Approval of the Agenda**

The agenda was approved as distributed.

**2. Approval of the Minutes of the Open Session on May 20, 2014**

The minutes of the open session on May 20, 2014 were approved with minor revisions.

**3. Business Arising from the Minutes**

There was no business arising from the minutes.

**4. Report of the Chair**

The Chair, on behalf of Senate, welcomed the following new and re-elected Senators:

**Faculty Senators:** Neil Abramson; Siamak Arzanpour; Elina Birmingham; Tracy Brennand; Paul Budra; Glenn Chapman; Daniel Leznoff; Stephen Spector.

**Student Senators:** Chardaye Bueckert; Brandon Chapman; Nicholas Chapman; Dion Chong; Colin Chu; Shirin Escarcha; Kayode Fatoba; Sarah-Sophia Flodr; Amelia Huang; Ehsan Jozaghi; Ting Liu; Dimitri Ossinsky; Athina Pilarinos; Madelaine Simpkin; Barbara Szymczyk; Paul Yoon.

**Convocation Senators:** Sylvia Gajdics; Tracey Leacock; Rob McTavish; Colin Percival.

The Chair reported on the appointment of the new University Librarian and Dean of Library Services, Gwen Bird. Ms Bird will begin a five-year term on October 1, 2014. She served SFU in several management positions from 1999 to 2011, including Associate University Librarian from 2005 to 2011, and was most recently the Executive Director of the Council of Prairie and Pacific University Libraries.

The Chair reported that SFU hosted an event at Harbour Centre on May 23<sup>rd</sup> to mark the 100<sup>th</sup> anniversary of the Komagata Maru incident. The SFU Library partnered with local institutions to mount activities throughout the year to increase awareness and dialogue about the incident and its significance. In 2012, the SFU Library launched an interactive website and digital archive, “Komagata Maru: Continuing the Journey”, featuring material collected in partnership with the local Indo-Canadian community, which was previously not publicly available.

The Chair reported that SFU and the Indian Oil Company have entered a PhD Mobility Agreement that will enable ten Indian students to obtain graduate training at SFU over the next five years and SFU students and faculty to obtain international research experience in India.

The Chair reported that he led a delegation to Chile in early May that included the Dean of Education, the Dean and Associate Dean of Science, and the Executive Director of SFU International. The purpose of the trip was to explore SFU’s relationships with Chile, which was one of two countries – along with Brazil – identified in SFU’s strategic plan. The delegation visited six universities and the major funding agency in Chile, CONICYT, which funds graduate exchanges and research. The Chair noted that the meetings were positive and productive and set the stage for potential student exchange, student recruitment, and graduate-level research

collaborations in areas such as education, science, criminology, social innovation, and indigenous issues.

The Chair reported on recent research successes. SFU received \$156,000 in graduate fellowships from the Pacific Institute for Climate Solutions (PICS) to support four projects that focus on practical solutions to climate change impacts. Steve Holdcroft from Chemistry and a UBC colleague received \$500,000 from the Climate Change and Emissions Management Corporation to scale up technology they developed for carbon dioxide sequestration and desalination of industrial wastewater. The SFU International Cybercrime Research Centre received a \$50,000 grant from the Canadian Internet Registration Authority to expand its web crawler tool to track online child exploitation networks by location of content and domain owners. Zuo-Guang Ye from Chemistry has received the 2014 Ferroelectrics Recognition Award – the top award in the field – from the Institute of Electrical and Electronics Engineers (IEEE). Arthur Robson from Economics was awarded the \$10,000 John Rae Prize by the Canadian Economics Association (CEA) for his outstanding research over the past five years. Robson, a Canada Research Chair in Economic Theory and Evolution, is the first SFU faculty member to receive this award. The prize was awarded at the 48<sup>th</sup> annual CEA conference hosted by SFU at the Vancouver campus in late May.

The Chair reported on the 98<sup>th</sup> Canadian Chemistry Conference hosted by SFU from June 1<sup>st</sup> to 5<sup>th</sup>. At the conference, Mario Pinto, Vice-President, Research received the 2014 Montreal Medal from the Chemical Institute of Canada for outstanding contributions to the profession of chemistry or chemical engineering in Canada. David Voadlo from Chemistry received the 2014 Canadian Society of Chemistry (CSC) – Teva Canada Ltd. Biological and Medicinal Chemistry Leadership Award for distinguished contributions to the field of biological or medicinal chemistry.

The Chair reported on the 25<sup>th</sup> anniversary of the SFU Vancouver campus and noted that the anniversary video can be viewed on the President's blog.

The Chair reported on the recent Clan Breakfast fundraiser. The SFU Clan led the NCAA Division II with an academic success rate of 100%, which means that all student-athletes from the 2003-2006 cohort graduated within six years of their original enrolment.

The Chair encouraged Senate to participate in the upcoming convocation ceremonies. He noted that SFU's new chancellor Anne Giardini would be installed on Friday, June 13, as SFU bids farewell to outgoing chancellor, Carole Taylor.

The Chair reported that SFU ran a major emergency preparedness exercise on June 4 involving over 100 staff and faculty and the RCMP. The Chair thanked Chief Safety Officer, Terry Waterhouse, for his role in coordinating the exercise.

## 5. Question Period

A question was submitted to Senate by Senator Jozaghi:

“Since the mold is a concern affecting academic and health of undergraduate, graduate and faculty, would you please update the Senate regarding the action university administration has taken to address this ongoing issue in the Education and the Robert C. Brown Hall buildings?”

The response from SFU's Chief Safety Officer, Terry Waterhouse, was reviewed at Senate and is attached to the minutes as Appendix I. Terry Waterhouse, was in attendance to answer questions.

A question was asked regarding the efforts to engage the community and the people affected. Senate was informed that staff from Safety & Risk Services (SRS) gathered information from the occupants of the building through interviews and surveys. SRS created a user working group, including faculty and staff from the Faculty of Education, to ensure that assumptions and process for moving forward were accurate. Communication back to the community was made through town hall meetings with the faculty, staff and students who work and study in the building. Additionally, a website was created, which included copies of all reports and background information.

A question was asked whether the Education building was particularly susceptible to the problems identified. Senate was informed that this building was not part of the original campus design and that water and the lack of appropriate barriers to prevent the ingress of water caused these problems. The work to remedy the issue included replacing roofing materials and cladding on the sides of the building, which was a challenge given the building's unique construction.

A question was asked whether there was any communication with the students in the Education building. Senate was informed that SRS requested that information sent to the Faculty of Education should also be sent to student mailing lists; however, it was acknowledged that there may have been gaps in the communication process.

## **6. Reports of Committees**

### **A) Senate Committee on University Priorities (SCUP)**

#### **i) Full Program Proposal for a Certificate in Performance Studies (S.14-80)**

Moved by J. Driver; seconded J. Craig.

“That Senate approve and recommend to the Board of Governors the Full Program Proposal for a Certificate in Performance Studies in the Department of English within the Faculty of Arts and Social Sciences, effective Spring 2015.”

Peter Dickinson and Sean Zwagerman from the Department of English were in attendance to answer questions.

A question was asked if the language should be simplified to remove the apparent redundancy regarding the total number of units required to complete the certificate. Senate was informed that it is common to include the minimum number of units so that a student who receives approval for a course substitution will still meet the minimum unit requirement for the certificate.

Question was called and a vote taken.

**MOTION CARRIED**

### **B) Senate Committee on Undergraduate Studies (SCUS)**

**i) Curriculum Revisions – Faculty of Communication, Art and Technology (S.14-81)**

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, made revisions to existing courses in the Faculty of Communication, Art and Technology (School of Communication; School for the Contemporary Arts).

**ii) Curriculum Revisions – Faculty of Education (S.14-82)**

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, made revisions to existing courses and a program in the Faculty of Education.

**C) Senate Graduate Studies Committee (SGSC)**

**i) Graduate General Regulation 1.5.4 CGPA Required for Continuation and Graduation (S.14-83)**

Moved by W. Parkhouse; seconded E. Jozaghi.

“That Senate approve the changes to GGR 1.5.4 CGPA Required for Continuation and Graduation.”

Question was called and a vote taken.

MOTION CARRIED

**ii) Curriculum Revisions – Faculty of Arts and Social Sciences (S.14-84)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, made revisions to an existing course in the Faculty of Arts and Social Sciences (School for International Studies).

**iii) Curriculum Revisions – Faculty of Environment (S.14-85)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, made revisions to an existing course in the Faculty of Environment (Archaeology).

**iv) Curriculum Revisions – Faculty of Science (S.14-86)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, made revisions to existing courses in the Faculty of Science (Biological Sciences).

**D) Senate Committee on Agenda and Rules (SCAR)**

**i) Proposed Changes to the Senate Committee Terms of Convocation Senators (S.14-87)**

Moved by C. Percival; seconded T. Leacock.

“That the current terms of Convocation Senator positions on Senate committees end immediately, and all subsequent terms of Convocation Senator positions on Senate committees are three years.”

A question was asked why the terms could not be two years. Senate was informed that convocation senator terms are three years and all Convocation Senators are elected at once. This change will align Senate committee membership terms with convocation senator terms.

Question was called and a vote taken.

MOTION CARRIED

**E) Senate Nominating Committee (SNC)**

**i) Senate Committee Elections (S.14-88)**

Senate received a summary of the nominations, positions elected by acclamation, positions requiring an online vote, and outstanding vacancies for the Senate committees. Senate was informed that online voting would be held from June 10<sup>th</sup> to 12<sup>th</sup>, 2014.

A question was asked regarding the length of term for student members of the Research Ethics Board. Senate was informed that the issue would be reviewed.

**7. Other Business**

There was no other business.

**8. Information**

**i) Date of the next regular meeting – Monday, July 7, 2014.**

Senate was informed that the next regular meeting of Senate would be moved to Robert C. Brown Hall, room 8100, due to renovations of WMC 3210. Further information will be sent prior to the meeting date and a sign will be placed on WMC 3210 redirecting wayward senators to RBC 8100.

Open session adjourned at 6:07 pm and Senate moved into the closed session.

Jo Hinchliffe

Acting Executive Director, Student Enrolment, and Associate Registrar

The logo for Simon Fraser University (SFU) consists of the letters "SFU" in white, bold, sans-serif font, centered within a dark red rectangular background.

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## MEMORANDUM

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**ATTENTION** Senate **DATE** June 5, 2014  
**FROM** Dr. Pat Hibbitts, VP Finance & Administration  
**CC** Dr. Terry Waterhouse, Chief Safety Officer  
**RE:** Education Building Indoor Air Quality – Update for Senate

A handwritten signature in black ink, appearing to read "Dr. Pat Hibbitts", is written over the printed name in the "FROM" field.

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Please find attached a document which outlines recent work in the Education Building.

As requested by Senate, this document is being submitted for informational purposes for the Senate meeting taking place on June 9, 2014. Dr. Terry Waterhouse will attend to speak to this issue.

Encl.

## Education Building Indoor Air Quality – Update for Senate

In the last 18 months a great deal of work has been done in the Education Building to address issues related to the building envelope, the functionality of the building and indoor air quality. This brief report explains the rationale for the work and outlines work done to date.

In early 2013, due to concerns expressed by faculty and staff, as well as information received from staff assessments of the building, we struck an Education Building Working Group comprised of staff and faculty. The primary goal of the Working Group was to map out a response process to concerns regarding indoor air quality and other structural issues. During the entire process ensuring health and safety of building occupants has been our primary consideration. Therefore, when we have discovered concerns with indoor air quality (IAQ) that might compromise health we took immediate steps. As a result we have relocated some faculty and staff to Discovery 1 and 2. In some cases this was as a result of IAQ testing. This testing including interviews with building occupants, surveys, spore samples, fibre in air sampling, and air quality testing (for the presence of carbon monoxide, carbon dioxide, relative humidity, and temperature levels). In other cases we relocated staff to allow for detailed destructive testing (in the Graduate Programs wing for example).

Guidance on responding to indoor air quality concerns is contained in Section 4.79 of the British Columbia Occupational Health and Safety Regulation. The regulations require the investigation of indoor air quality complaints when they arise in the workplace. We follow the guidance provided by WorkSafe BC in our response protocols. Indoor air quality issues, particularly those related to mold, are common in BC given our climate. It is also important to note that while original concerns related to indoor air quality and the presence of mold in the building our response has gone far beyond that to look at all aspects of health and safety, as well as the functionality of the building.

During the project we have engaged the work of several consultants and undertaken several remediation projects in the building. In order to be transparent a website has been created to inform members of the University community ([www.sfu.ca/srs/ehs/education-building-review](http://www.sfu.ca/srs/ehs/education-building-review)). The website includes copies of all reports, FAQs on Indoor Air Quality, and resources to provide more background information. We have also held two Townhall meetings to provide background information and updates to building occupants.

We anticipate finalizing all of the reports and completing a final report with recommendations to the Executive in July 2014. The reports received to date and a summary of the work completed is detailed below.

### CONSULTING REPORTS

1. **Education Building Envelope Condition Assessment.** This June 2013 report by James Neill and Associates (JNA) assessed the envelope construction details with respect to water penetration, condensation, moisture related damage and observations of mould growth on interior finishes. The report made recommendations that have been activated on and formed the basis for the reports and remediation projects detailed below.
2. **Education Building Graduate Wing Remediation Report.** This report by Arcose Consulting observed and documented Indoor Air Quality and fungal growth conditions during all stages of remediation of the Graduate Programs Wing of the Education Building. It was completed on April 11, 2014. It provided guidance on construction scheduled in the Grad Wing and on the methodology for the assessment outlined below.
3. **Education Building Indoor Air Quality Assessment** by Arcose Consulting. This report is expected to be completed by June 30, 2014. The report was conducted in 11 phases throughout the interior of the building (including Archaeology and Creative Services). An ongoing response plan was put in place as each of the 11 draft reports was received to ensure identified issues were responded to immediately.

4. **Programming and Preliminary Master Plan Study: Education Building.** This March 2014 project brief by B. Gordon Hlynsky recommends a reorganization of spaces within the Education Building to allow for efficient program delivery.
5. **Design Report: SFU Education Building.** This report was completed on March 7, 2014. The report recommends new window system and metal over-cladding of some exterior walls. Waterproofing of the exterior of buried foundation walls is also recommended. The University Architect was consulted on changes to the exterior appearance and has generally endorsed the approach of partially cladding the exterior walls.
6. **Seismic Assessment and Retrofit Reports.** These reports rated the North part of the building as a High 2 rating. The south building block was rated High 3 (ratings from worst to best are H1, H2, H3, Med, Low). The reports also contain concept drawings for a seismic retrofit.
7. **Mechanical and Electrical Assessments.** These assessments were received April 8, 2014. Recommendations include updates to mechanical deficiencies, lighting control and fire alarm system.
8. **Comprehensive Report.** This report will review all above reports and make key recommendations. A draft report is anticipated in July, 2014. This report will include a:
  - o Review of all consultant reports and summary of the extent to which original building systems need to be upgraded to maintain serviceability and to identify and address essential code deficiencies and health and safety concerns.
  - o Summary of user-requested modifications to improve building functionality, improve aesthetics, and update technology.
  - o Breakdown of costs for base building upgrades and costs for user-requested modifications.
  - o Phasing plan for the construction/renovation.
  - o Break out cost of First Nations Gathering Space.

## **REMEDICATION AND CONSTRUCTION ACTIVITIES**

1. **Interim Actions** are undertaken in response to the 11 draft reports produced as per the **Education Building Indoor Air Quality Assessments** referred to above. These actions include removing water damaged materials, treating areas of fungal contamination and conducting regular inspections of these areas.
2. **Upgrades to the Gym** including installation of acoustic finishes to the gym walls and floor refinishing is expected to be complete Aug 30, 2014.
3. **Retrofit of washrooms** including re-piping, replacement of finishes, new counters, and new fixtures is expected to be complete Aug 30, 2014.
4. **Upgrade of 7000 Level Classrooms** has been initiated by the Faculty of Education and will be completed by Aug 30, 2014.
5. **Renovations in the Teaching and Learning Centre** are ongoing with an anticipated completion date of August 30, 2014.
6. **Renovations in the Grad Wing** are ongoing and estimated to be complete by August 30, 2014.

As stated our response to identified concerns has been very thorough. We have examined all aspects of building integrity and functionality. We have undertaken significant remediation. The final report in the summer of 2014 will allow us to determine any other work required and to map out a plan to address any outstanding concerns.