

## SENATE SUMMARY MEETING OF MARCH 7, 2016

### 1. **Report of the Chair**

The Chair, on behalf of Senate, welcomed new Dean pro tem of Life Long Learning Yvonne Tabin.

The Chair reported that SFU has seven new Canada Research Chairs (CRC), bringing the total number of chairs to thirty-five, and representing a total investment of 6.2 million dollars per year. The new Chairs are:

- Three Tier 1 chairs: Dr. Kelley Lee in the Faculty of Health Science, and Dr. John McDonald and Dr. Marlene Moretti in Psychology.
- Four Tier 2 chairs: Dr. Jiguo Cao in Statistics, Dr. Roger Linington in Chemistry, Dr. Stephanie Simmons in Physics, and Dr. David Sivak in Physics.

The Chair, along with Dr. Maryam Sedeghi from Computer Science, participated in the Innovators to Know – Celebrating Canada’s Research Excellence event organized by Universities Canada in Ottawa. Dr. Sedeghi is the founder of MetaOptima, which is a former SFU Venture Connection client, and she participated in an event which involved the Minister of Science as well as an evening event which involved several MPs and members of granting councils.

The Chair reported that the student venture Ionomr received the top prize at the 5th annual Coast Capital Savings Venture Prize competition, recognizing entrepreneurial excellence at SFU. The company’s president and CEO is Benjamin Britton, a PhD student in the lab of Dr. Steven Holdcroft in Chemistry.

The Chair noted that three SFU faculty members have been recognized by the international scientific community for their contributions to their fields: Dr. Jian Pei from Computing Science has been named a 2015 Association for Computing Machinery Fellow in recognition of his “contributions to the foundation, methodology, and application of data mining”; Dr. Bozena Kaminska of Computing Science has been elected to the American Institute for Medical and Biological Engineering College of Fellows for his “outstanding technology leadership in microelectronics and nanoscale optics for human benefit in healthcare, security, commerce, and art”; and Dr. Leonid Chindelvitsh in Computing Science has received a 2016 Sloan Research Fellowship worth \$55,000 in early career support to further his research program in computational and evolutionary molecular biology.

The Chair reported that he, along with Vice-President Research Joy Johnson, participated in a mission to Hong Kong and India to strengthen existing research, innovation and educational relationships, and open doors to new collaborations. It included visits to: the Bombay Stock Exchange Institute (BSEI) where we

expanded the space that we share with Ryerson and the BSEI in a digital technology accelerator called Zone Start Ups; the IIT, one of the leading institutes of technology in India, where we resolved to strengthen our student exchange and academic partnerships and to facilitate further collaboration between the two institutions; the Tata Institute for Social Sciences where we discussed land use planning and access to justice as prospective areas for faculty collaboration; and the research park at the Indian Oil Corporation, with whom we are partnered in an initiative to help them look at non-fossil fuel research specifically in the area of fuel cell and they in turn have supported two graduate students a year to come to SFU. The Chair noted that he had the opportunity to speak at an international seminar in New Delhi on Social Responsibility in Higher Education, while in Hong Kong he visited two major universities with which we are partnered: the Hong Kong University of Science and Technology and Hong Kong Baptist University.

The Chair highlighted the President's Dream Colloquium, with its focus this term on Big Data, and the upcoming event with Edward Snowden at Queen Elizabeth Theatre on April 5th. This event will be an exploration of the positive and negative sides of big data.

The Chair reported on some recent events: the President's Faculty Lecture by Elicia Maine on Turning Invention into Innovation: Strategies for Scientist-Entrepreneurs; Renaissance Coffee celebrated twenty years in business and is looking to raise a million dollars towards the Parminder Parhar Endowment; Robert Lepage's presentation 887 which was part of the Woodward's cultural participation in our 50th Anniversary; an Alumni reception in Seattle; and the Outstanding Alumni Awards, which included Margaret Trudeau, and saw Prime Minister Trudeau make an appearance.

The Chair noted that in April, as part of the Virtual Campus Initiative, Senate will pilot holding its meeting remotely at the Surrey campus. Should the pilot prove effective it could also be extended to include the Vancouver campus.

**2. Student Discipline Matters Annual Report (S.16-21)**

Senate received for information the Student Discipline Matters Annual Report for 2014 – 2015.

**3. Enrolment Plan 2016/2017; Undergraduate Admission Targets for 2016/2017 (S.16-22)**

Senate approved and recommended to the Board of Governors:

- the 2016/2017 Enrollment Plan attached as Appendix A to document titled *For SENATE March 7, 2016*
- the 2016/2017 domestic undergraduate admission targets to each Faculty, by semester and basis of admission category as indicated in Table C1 in Appendix C
- the 2016/2017 international undergraduate admission targets to each Faculty, by semester and basis of admission category as indicated in Table C2 in Appendix C

4. **External Review Update for the School of Communication (S.16-23)**  
Senate received for information the external review update for the School of Communication.
5. **External Review Update for the School for the Contemporary Arts (S.16-24)**  
Senate received for information the external review update for the School for the Contemporary Arts.
6. **External Review Update for the Department of Molecular Biology and Biochemistry (S.16-25)**  
Senate received for information the external review update for the Department of Molecular Biology and Biochemistry.
7. **Name Change of the CMA Innovation Centre (S.16-26)**  
Senate approved the name of the CMA Innovation Centre be changed to the CPA Innovation Centre.
8. **Admission Requirement Changes to the Second Degree Program in the School of Engineering Science (S.16-27)**  
Senate approved the admission requirement changes to the Second Degree program in the School of Engineering Science within the Faculty of Applied Sciences effective Fall 2016.
9. **Undergraduate Curriculum Revisions – Faculty of Applied Sciences (S.16-28)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:
  - a) ***School of Computing Science***
    - Program: requirement changes to the Computing Studies Certificate
    - Course (prerequisite): CMPT 479
    - Course (temporarily withdrawn): CMPT 212, 301, 370, 418, 467
  - b) ***School of Engineering Science***
    - Program: Engineering Science, Biomedical Engineering Option Honours
    - Program: Engineering Science, Computer Engineering Option Honours
    - Program: Engineering Science, Electronics Engineering Option Honours
    - Program: Engineering Science, Engineering Physics Option Honours
    - Program: Engineering Science, Systems Option Honours
    - Program: Engineering Science, Computer Engineering Option Major
    - Program: Engineering Science, Electronics Engineering Option Major
    - Program: Engineering Science, Systems Option Major
    - Course (temporarily withdrawn): ENSC 376

- c) School of Mechatronic Systems Engineering*
- Program: Mechatronic Systems Engineering Major
  - Course (new): MSE 211
- 10. Undergraduate Curriculum Revisions – Beedie School of Business (S.16-29)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:
- Course (description): BUS 396, 498, 499
  - Course (prerequisite): BUEC 232
  - Course (prerequisite): BUS 336
  - Course (temporarily withdrawn): BUS 403, 467, 472
- 11. Undergraduate Curriculum Revisions – Faculty of Health Sciences (S.16-30)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:
- Course (new): HSCI 495
- 12. Undergraduate Curriculum Revisions – Faculty of Science (S.16-31)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:
- a) Department of Physics*
- Course (description, prerequisite): PHYS 231
  - Course (description, prerequisite): PHYS 233 (effective Spring 2017)
  - Course (number, credit, W designation): PHYS 433
- b) Department of Biological Sciences*
- Course (prerequisite): BISC 101, 102
- c) Department of Molecular Biology and Biochemistry*
- Course (credit, description): MBB 432
- d) Department of Earth Sciences*
- Course (prerequisite): EASC 401
- e) Department of Chemistry*
- Course (prerequisite): CHEM 266
- 13. Graduate Curriculum Revisions – Faculty of Science (S.16-32)**  
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following list of courses to be temporarily withdrawn effective Fall 2016:

*a) Department of Physics*

- Course (new): PHYS 849

**14. Proposal for Graduate Certificate in Imaginative Education (S.16-33)**

Senate received for information the proposal for a Graduate Certificate in Imaginative Education in the Faculty of Education, effective Spring 2017.

- Course (new): EDUC 725 (effective Summer 2017)
- Course (new): EDUC 726, 729 (effective Fall 2017)
- Course (new): EDUC 728, 730 (effective Spring 2018)

**15. Senate Graduate Studies Committee (SGSC) Annual Report (S.16-34)**

Senate received for information the Senate Graduate Studies Committee 2015 annual report.

**16. Senate Committee Elections (S.16-35)**

Senate received a summary of the nominations, positions elected by acclamation, positions requiring an online vote, and outstanding vacancies for the Senate committees.

The approved Senate minutes will be available online following the April Senate meeting. For more detailed information on each Senate item, please refer to the March 2016 Senate documents <https://docushare.sfu.ca/dsweb/View/Collection-28733>

If you have any questions regarding this summary, please contact Steven Noel, Senate Assistant, at 778-782-3168 or senate@sfu.ca.