

## SENATE SUMMARY

### MEETING OF FEBRUARY 5, 2018

#### 1. Report of the Chair

Mark announced a provincial commitment for a major expansion of student spaces with a focus on technology. This is the first major expansion and investment in new student spaces in decades and should result in 2900 new student spaces over a number of years. The announcement was made at the SFU Surrey campus, and included a commitment to fund 320 undergraduate and 120 graduate spaces in SFU's new Sustainable Energy Engineering program. SFU was the only university to receive graduate spaces specifically. This represents the first phase of a three-phase academic expansion plan for SFU Surrey, with future program proposals in health systems innovation and creative technologies.

The Chair reported on recent research grant successes:

- SFU researchers were awarded \$6.6 million dollars for eight projects in the latest *CIHR Projects Grant Competition*, a 26% success rate well in excess of the national average of 15%.
- Nick Dulvy, Biological Sciences, received half a million dollars through the *Global Partnership for Sharks and Rays*.
- David Voadlo, Chemistry, received \$200,000 for research from *Weston Brain Institute* for his research on treatments for Parkinson's diseases.
- Anoop Sarkar, Computing Science, has attracted \$195, 000 from *Traction Sales and Marketing Inc.* for his work on *cross-modal entity extraction*.

The Chair reported on research news:

- The deadline for providing feedback to the committee considering the reappointment of the Vice-President, Research and International is February 6th. The Open Forum took place on January 26<sup>th</sup>, and a video of that forum is available on the President's Office website.
- A powerful new database is being created by SFU genomics and bioinformatics researcher Fiona Brinkman and her team. The database is funded by a grant of \$9.1 million from *Genome Canada*, with support from SFU's new Data Hub.
- As part of a first of a kind initiative in BC, SFU Health Sciences researcher Anne-Marie Nicol is handing out free radon-testing kits for Vancouverites to test for the cancer-causing gas in their homes.

The Chair reported on SFU Innovation updates:

- Since December, SFU researchers have been approved for seven industry research contracts totaling half a million dollars.
- Louise Turner has been appointed the CEO of *Innovation Boulevard*, a health-tech partnership between SFU and the city of Surrey. She has held senior positions in both private and public sector organizations with a focus on growing companies in health and technology.
- Work is progressing under the leadership of the VP Research and International Joy Johnson to develop a new vision for SFU Innovates. This process involves Deans, SFU Innovates leads, External Advisory Board members, faculty, staff, students and supporters. The vision will guide innovation strategy's direction for the next five to ten years.

The Chair reported that *BMO* is committing \$500,000 for Indigenous initiatives at the Beedie School of Business. The donation will help Beedie be a national leader in indigenous education and research.

The Chair reported on upcoming events:

- The *Jack Blaney Award for Dialogue* will be presented at the Morris J Wosk Centre for Dialogue on Tuesday, February 20<sup>th</sup> to Alice Nderitu, in recognition of her international leadership in the use of dialogue to advance peacebuilding and human rights. She will be giving a lecture at the Centre for Dialogue on February 21<sup>st</sup> on *peacebuilding and well-being through education*.
- *SFU Public Square Community Summit* is coming up February 26 to March 7. The focus of the summit, titled *Brave New Work*, is on the future of work, noting that while there are opportunities in the future work place, there are also challenges due to technology, artificial intelligence, and globalization. The signature event will take place on February 28<sup>th</sup> at the Queen Elizabeth Theatre, entitled *The New World of Work: Thriving or Surviving* featuring American commentators Van Jones and Anne-Marie Slaughter and be moderated by the *CBC*'s Laura Lynch.
- The Annual Surrey Gala will take place at the Surrey campus on March 9<sup>th</sup>.

**2. External Review Mid-Cycle Report for the Beedie School of Business (S.18-16)**

Senate received the External Review Mid-Cycle Report for the Beedie School of Business for information.

**3. External Review Mid-Cycle Report for the Department of Mathematics (S.18-17)**

Senate received the External Review Mid-Cycle Report for the Department of Mathematics for information.

4. **External Review of the School of Engineering Science (S.18-18)**  
Senate approved the Action Plan for the School of Engineering Science that resulted from its External Review.
5. **External Review of the Department of First Nations Studies (S.18-19)**  
Senate approved the Action Plan for the Department of First Nations Studies that resulted from its External Review.
6. **Undergraduate Course Changes (S.18-20)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following course changes, effective Fall 2018:
  - i) **Faculty of Health Sciences**
    - Course (prerequisite): HSCI 416, 474
  - ii) **Faculty of Science**
    - a) *Biomedical Physiology and Kinesiology*
      - Course (deletion): reference to KIN courses from prerequisite entries for all BPK courses
      - Course (deletion): BPK 111, 212, 461
      - Course (prerequisite): BPK 491, 495
      - Course (prerequisite, title, description): BPK 426
    - b) *Physics*
      - Course (prerequisite): PHYS 101, 102
      - Course (prerequisite, title, description): PHYS 332
      - Course (title, description): PHYS 390
      - Course (title, prerequisite): PHYS 431
      - Course (description): PHYS 432
    - c) *Statistics and Actuarial Science*
      - Course (prerequisite): STAT 302, 305
7. **Undergraduate New Course Proposals (S.18-21)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following new course proposal, effective Fall 2018:
  - i) **Faculty of Arts and Social Sciences**
    - a) *School for International Studies*
      - Course (new): IS 373

## **8. Undergraduate Program Changes (S.18-22)**

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following program changes, effective Fall 2018:

### **i) Faculty of Health Sciences**

- Program: changes to transfer credit and baccalaureate degrees for students who successfully complete second year of professional training in health careers

### **ii) Faculty of Science**

#### **a) *Biomedical Physiology and Kinesiology***

- Program: Biomedical Physiology Major
- Program: Biomedical Physiology Honours
- Program: Kinesiology Major
- Program: Kinesiology Honours
- Program: Kinesiology Minor

#### **b) *Mathematics***

- Program: Mathematics and Computing Science Joint Honours

#### **c) *Physics***

- Program: Applied Physics Major
- Program: Applied Physics Honours
- Program: Biological Physics Major
- Program: Biological Physics Major
- Program: Mathematical Physics Honours
- Program: Physics Honours

#### **d) *Statistics and Actuarial Science***

- Program: Statistics Minor

## **9. Graduate Course Changes (S.18-23)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following course changes, effective Fall 2018:

### **i) Faculty of Communication, Art and Technology**

- Course (prerequisite): CA 813, 821, 822, 823, 825, 826, 827, 888
- Course (description, prerequisite): CA 822, 829

### **ii) Faculty of Environment**

- Course (units): REM 699, 899

**iii) Faculty of Health Sciences**

- Course (temporarily withdrawn): HSCI 838

**iv) Special Arrangements**

- Acronym INS (Individualized Interdisciplinary Studies) to replace SAR (Special Arrangements)
- Change all SAR courses to reflect new acronym INS

**10. Graduate New Course Proposals (S.18-24)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following new course proposals, effective Fall 2018:

**i) Faculty of Applied Sciences**

- Course (new): CMPT 742, 743, 757

**ii) Faculty of Environment**

- Course (new): REM 697

**11. Graduate Program Changes (S.18-25)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following program changes, effective Fall 2018:

**i) Faculty of Applied Sciences**

- Program: Computer Science MSc

**ii) Faculty of Environment**

- Program: Resource and Environmental Management MRM

**iii) Faculty of Health Sciences**

- Program: Health Sciences MPH
- Program: Health Sciences MSc
- Program: Health Sciences PhD

**12. Graduate General Regulation (GGR) Revisions (S.18-26)**

Senate approved revisions to GGR 1.3.5, GGR 1.3.5a, GGR 1.4, GGR 1.9.1, GGR 1.9.3, GGR 1.9.4, GGR 1.9.5, GGR 1.9.6, GGR 1.10.2, GGR 1.10.3, GGR 1.10.4, GGR 1.11.3, effective Fall 2018.

- 13. Senate Policy Committee on Scholarships, Awards and Bursaries (SPCSAB) Annual Report 2016-2017 (S.18-27)**  
Senate received the Senate Policy Committee on Scholarships, Awards and Bursaries (SPCSAB) Annual Report 2016-2017 for information.
- 14. Initiative on Equity, Diversity and Inclusion (S.18-28)**  
Senate received the Equity, Diversity and Inclusion memorandum for information.
- 15. Teaching Assessment Working Group (S.18-29)**  
Senate received the Teaching Assessment Working Group plan for information.

The approved Senate minutes will be available online following the March Senate meeting. For more detailed information on each Senate item, please refer to the February 2018 Senate documents <https://docushare.sfu.ca/dsweb/View/Collection-32383>

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