

SENATE SUMMARY

MEETING OF MAY 15, 2017

1. Report of the Chair

The Chair, on behalf of Senate, expressed appreciation to the following Senators whose terms of office expire on May 31, 2017: Siamak Arzanpour; Prab Bassi; Jordan Binotto; Elina Birmingham; Paul Budra; Nadia Dale; Arr Farah; Richard Han; Paul Hans; Adebola Ige; Jayme Lewthwaite; Blossom Malhan; Rob McTavish; Curtis Pooghkay; Gurbir Sekhon; Barbara Szymczyk.

The Chair reported on a number of research successes:

- On April 20th SFU, in partnership with Compute Canada and WestGrid, launched Cedar, Canada's most powerful academic supercomputer, at the new SFU Data Centre on Burnaby Campus. Cedar will serve Canadian researchers in many disciplines and ranks among the world's top 100 supercomputers.
- On April 28, 2017 SFU Innovates partnered with VentureLabs and the C2CAN network to organize the 2017 Canada China Open Innovation Forum. This brought to Vancouver a 30-person delegation from China, local investors, 100 representatives of startups and SMEs, and leaders within trade and innovation.
- The Natural Science Engineering Research Council announced that SFU researchers have been awarded a total of over \$8.8 million for 53 different projects from two different programs: Discovery Grants (DG) and Research Tools and Instruments (RTI).
- Majid Bahrami from Mechatronic Systems Engineering has been named winner of the Mohammed bin Rashid Al Maktoum Global Water Award from the UAE Water Foundation for his sustainable atmospheric water harvesting technology. Dr. Bahrami received the award at an official ceremony held at the World Trade Center in Dubai on April 27th.

The Chair reported that Key, SFU's Big Data Initiative, is partnering with organizations to leverage the potential of big data for positive social impacts. In April, SFU signed a memorandum of understanding with Vancity Savings Credit Union, in which they will collaborate on analytics for research, developing learning programs and leveraging data to better understand and improve communities.

The Chair reported that professor Faranak Farzan, Mechatronics Systems Engineering, is the inaugural chair in Technology Innovations for Youth Addiction Recovery and Mental Health. This chair is supported by SFU, the John Volken Academy, the city of Surrey, and the Surrey Fire Fighters Charitable Society. Dr. Farzan will pursue healthcare innovations to improve quality of life

and reduce stigma for young people and others struggling with mental health issues.

The Chair reported on C2UExpo, which was held from May 1-5, and was presented by SFU and the JW McConnell Foundation. C2UExpo provides a forum for discussing and practicing campus-community engagement. Hundreds of delegates came from across Canada and around the world to participate in workshops, events and activities. Half of the delegates came from community settings and half from post-secondary education (PSE). During this event, President Petter hosted a roundtable with Canadian university presidents and foundation representatives exploring how the PSE institutions might increase their contributions in building social infrastructure in Canada.

The Chair reported that President Petter and VP External Relations Joanne Curry have been hosting various forums and meetings at all three campuses to seek input on our progress in realizing SFU's Vision to be Canada's "Engaged University," as well as guidance on future directions and priorities. The meetings and online consultations will continue until early June, with a report to follow in the fall.

The Chair reported some recent events:

- On April 12th SFU presented its 2017 Distinguished Community Leadership Award to philanthropists and long-time SFU supporters Bruce and Lis Welch.
- On April 24th SFU Public Square partnered with the Institute for Canadian Citizenship and Vancity to present Six Degrees Vancouver. Hosted by former Governor General Adrienne Clarkson and John Ralston Saul, the community conversation explored the theme "Are You Home?" from the perspectives of refugees, immigrants, Indigenous peoples and settlers.
- President Petter hosted various receptions for SFU Alumni and Friends in Calgary on April 6 and Toronto on April 27.

Senator Peter Ruben noted the success of students Iman Baharmand, Kimberly Venn and Alec Yu, who won first prize at the Oxford Global Challenge. Team Metamorph focused on the issue of the solid medical waste management within Vancouver hospitals, highlighting the interplay between hospital practices, government health authority policy and private companies. They also investigated how tackling this waste problem could create positive social impact through the redistribution of medical products. The team will be awarded the prize of 300 pounds and tickets to the Skoll World Forum 2018 and Emerge 2017.

2. Senate Appeals Board (SAB) Annual Report (S.17-51)

Senate received for information the Senate Appeals Board Annual Report for 2016.

3. Senate Committee on International Activities (SCIA) Annual Report (S.17-52)

Senate received for information the Senate Committee on International Activities Annual Report for 2016.

<https://docushare.sfu.ca/dsweb/View/Collection-30900>

- 4. Program Name Change of the BSc in Management and Systems Science (S.17-53)**
Senate approved and recommended to the Board of Governors the name change from BSc in Management and Systems Science to BSc in Data Science for the major and honours programs within the Faculty of Science, effective Fall 2017.
- 5. Renaming of the Program in Development and Sustainability (S.17-54)**
Senate approved and recommended to the Board of Governors the program name change from Development and Sustainability to Sustainable Development within the Faculty of Environment, effective Fall 2017.
- 6. Title Change of the French Cohort Program in Public Administration and Community Services (S.17-55)**
Senate approved and recommended to the Board of Governors the title change from French Cohort Program in Public Administration and Community Services to French Cohort Program in Public and International Affairs within the Faculty of Arts and Social Sciences, effective Fall 2017.
- 7. External Reviews for 2017-2018 (S.17-56)**
Senate received for information the list of external reviews and external review mid-cycle reports that are scheduled for the 2017-2018 academic year.
- 8. Senate Committee on University Priorities (SCUP) Annual Report (S.17-57)**
Senate received for information the Senate Committee on University Priorities Annual Report for 2016-2017.
- 9. Undergraduate Course Changes (S.17-58)**
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following course changes, effective Spring 2018:
 - i) Faculty of Applied Sciences**
 - a) School of Mechatronic Systems Engineering**
 - Course (prerequisite): MSE 223, 321
 - ii) Faculty of Education**
 - Course (prerequisite): EDUC 343
 - Course (prerequisite - Criminal Records Check): EDUC 475
 - iii) Faculty of Environment**
 - Course (prerequisite, equivalency): REM/SD 281, 381, 481, 483
 - Course (equivalency): SD 201, 401
 - Course (title, description, prerequisite, equivalency): SD 491, 499
 - Course (title, prerequisite, equivalency): SD 494

10. Undergraduate New Course Proposals (S.17-59)

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

i) Faculty of Applied Sciences

a) *Sustainable Energy Engineering*

- Creation of new acronym SEE
- Course (new): SEE 100, 101W, 110 (effective Fall 2018)
- Course (new): SEE 111, 290, 294, 390, 394, 490, 494 (effective Spring 2019)
- Course (new): SEE 221, 230, 241 (effective Summer 2019)
- Course (new): SEE 222, 224, 225, 231, 242, 251 (effective Spring 2020)
- Course (new): SEE 310, 331, 341 (effective Summer 2020)
- Course (new): SEE 300, 324, 325, 332, 342, 351, 352, 354 (effective Summer 2021)
- Course (new): SEE 333, 410W, 460, 461, 462, 463 (effective Fall 2021)
- Course (new): SEE 402, 411 (effective Spring 2022)

ii) Beedie School of Business

- Course (new): BUS 371, 470, 471, 479

iii) Faculty of Education

- Course (new): EDUC 360, 376

iv) Faculty of Science

a) *Biological Sciences*

- Course (new): BISC 373, 374

11. Undergraduate Program Changes (S.17-60)

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

i) Faculty of Arts and Social Sciences

a) *School of Criminology*

- Program: Criminology Honours (effective Fall 2017)

b) *School for International Studies*

- Program: International Studies Major
- Program: International Studies Honours
- Program: International Studies Minor
- Program: World Literature and International Studies Joint Major

ii) Beedie School of Business

- Program: Business Major
- Program: Mechatronics Systems Engineering and Business Double Degree Program
- Program: Business Honours
- Program: Business and Economics Joint Major - Bachelor of Arts or Bachelor of Business Administration
- Program: Interactive Arts and Technology and Business Joint Major - Bachelor of Arts or Bachelor of Business Administration
- Program: Interactive Arts and Technology and Business Joint - Bachelor of Science
- Program: Business and Economics Joint Honours - Bachelor of Arts or Bachelor of Business Administration

12. Senate Committee on University Teaching and Learning (SCUTL) Annual Report (S.17-61)

Senate received for information the Senate Committee on University Teaching and Learning Annual Report for 2016-2017.

13. Graduate Course Changes (S.17-62)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following course changes, effective Fall 2017:

i) Faculty of Applied Sciences

- Course (reinstatement): CMPT 767

ii) Faculty of Communication, Art and Technology

- Acronym change from FPA to CA for all graduate FPA courses and related prerequisite and course description changes

iii) Faculty of Environment

- Course (acronym, title, equivalency): DEVS 802, 803
- Course (acronym, equivalency): DEVS 801
- Course (title, description): REM 602, 641 (effective Spring 2018)

iv) Faculty of Science

- Course (description, repeat for credit): BISC 821
- Course (deletion): BISC, 822, 823, 829

v) Special Arrangements

- Course (units): SAR 898 (effective Spring 2018)

<https://docushare.sfu.ca/dsweb/View/Collection-30900>

14. Graduate New Course Proposals (S.17-63)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following new course proposals, effective Fall 2017:

i) Faculty of Science

- Course (new): BISC 892

15. Graduate Program Changes (S.17-64)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following program changes, effective Fall 2017:

i) Faculty of Communication, Art and Technology

- Program: Comparative Media Arts MA (effective Spring 2018)

ii) Faculty of Science

- Program: Master of Pest Management
- Program: Master of Environmental Toxicology
- Program: Biological Sciences MSc
- Program: Biological Sciences PhD

16. Election Report to Senate (S.17-65)

Senate received for information a summary of the results of the student election to Senate and the Board of Governors, the convocation election to Senate, and the faculty election to Senate.

The approved Senate minutes will be available online following the July Senate meeting. For more detailed information on each Senate item, please refer to the May 2017 Senate documents <https://docushare.sfu.ca/dsweb/View/Collection-30900>

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