SENATE SUMMARY
MEETING OF MARCH 4, 2019

1. Report of the Chair
The Chair reported on recent research grant successes:

- Olive Schulte from Computing Science has been awarded $570,633 from *Natural Science Engineering Research Council of Canada* for his project entitled *Reinforcement Learning and Sport Analytics*.
- Steven Holdcroft from Chemistry has been awarded $365,000 from *NSERC* for his project entitled *FlexCoat: flexible coating with inline QC for customized production of hydrocarbon membranes for next-generation electrochemical devices*.
- Henny Yeung from Linguistics has been awarded $238,130 from *BC Knowledge Development Fund* for his project entitled *Building the Language and Development Lab*.
- Hogan Yu from Chemistry has been awarded $121,060 from *NSERC* for his project entitled *Nanocontact Molding of three-dimensional Polymeric Replicas*.

The Chair reported on Big Data news:

- SFU has partnered with *Informed Opinions*, a national organization focused on trying to raise women's voices within the media and elsewhere, to develop a new tool that tracks in real time the number of women and men quoted in major news platforms in Canada. The *Gender Gap Tracker* uses the latest advances in text data mining and big data analytics to measure gender equity in news sources.
- A Big Data Consulting Service for external clients has been launched at SFU. Companies and organizations can now access leading experts across the data lifecycle to deliver insights and solutions.
- A call for proposals to the *2019 Next Big Question in Big Data Fund* is now open, with an application deadline of April 1st. The seven projects funded in 2018 are in progress and their outcomes will be highlighted later this year.

The Chair reported on SFU Innovates news:

- *Health Promotion Lab* has entered into $950,000 funding partnership with the *Public Health Agency of Canada*. In addition, the *Health Promotion Lab Slingshot Program* is working with five growth stage ventures focused on chronic disease prevention and health promotion. All five ventures will received $25,000 investments from the new SFU RADIUS Slingshot Fund, thanks to support from the *Vancity Community Foundation*.

- The RADIUS Fellowship Program kicked off its 5th annual cohort with 17 emerging leaders, bringing our regional network to 97 Fellows over the past five years.
- The eighth annual SFU Coast Capital Savings Venture Prize competition is back, with 40 entries submitted from faculty, staff, student and alumni teams. Winners are to be announced on April 11th.

The Chair reported that in furtherance to the commitment to academic freedom, SFU International is preparing to accept three new scholars this year. A *Writer in Refuge* arriving this spring will be based in Surrey through the *International Cities of Refuge* (*ICOR*) program, while thanks to support from the Faculty of Arts and Social Science, two scholars from Turkey will arrive this fall under the *Scholars at Risk Program*. One will be based in the World Literature Program and the other in the School for International Studies.

The Chair reported that he, along with the Vice-President, Research and International, led a ten-day mission to India, visiting Jaipur, Mumbai and Delhi. Also accompanying the mission was the Dean of Business and the Dean of Health Sciences, with the purpose of developing and strengthening educational research and cultural relationships with key partners in India. Highlights included:

- Advancing student exchange programs and research initiatives with leading post-secondary institutions including *IIT Bombay*, *IIT Delhi*, *Tata Institute of Social Sciences*, and *SP Jain School of Global Management*.
- The Dean of Health Sciences exploring new research opportunities with the *Public Health Foundation of India* and the *National Institute of Health and Family Welfare*.
- Extending our clean energy and fuel cell research relationship with the *Indian Oil Corporation* to help them get off of fossil fuels and onto clean energy.
- Meeting with the *Bombay Stock Exchange Institute* (*BSEI*) to discuss plans for *Zone Startups India*, a business accelerator operated with *BSEI* and Ryerson University, and to explore joint educational initiatives, including a new pathway program in business that will enable Indian students to earn credit towards SFU's Masters of Science in Finance.
- Visiting the *Jaipur Literature Festival* where we held discussions with the Artistic Director of Vancouver's *India Summer Festival*, in which SFU has partnered for the past seven years.
- Presenting at a workshop co-hosted by India's *University Grants Commission* and *Participatory Research in Asia* on the development of a government policy concerning the social responsibility of post-secondary institutions.
- Attending a reception and dinner at *Canada House* in Delhi hosted in our honor by the Canadian High Commissioner to India.

The Chair reported that SFU is leading an initiative with 15 other Canadian post-secondary institutions, plus the *Carnegie Foundation for Advancement of Teaching*, the *Howard R. Swearer Center for Public Service* at *Brown University*,

and the *McConnell Foundation*, to look at the possibility of developing a Carnegie-like framework in Canada for measuring and acknowledging mutually beneficial university-community relationships, and for sharing knowledge and resources.

The Chair reported that he, along with Vice-President, External Relations, travelled to San Diego to attend the 2019 *Ashoka U Exchange*, to engage with other *Ashoka Changemaker* campuses and partners from around the world.

The Chair reported that the 7th annual SFU Public Square Community Summit, *Confronting the Disinformation Age*, will be held April 10-18. The April 16th keynote events, presented in partnership with *Vancity*, will feature three leading Canadian commentators - David Frum, Sue Gardner and Christopher Wylie - in a conversation moderated by the *CBC's* Ian Hanomansing on the distortion of our information landscape and what we can do about it.

The Chair reported that the Senate – Board of Governors retreat is coming up on March 9th, and will provide an opportunity for Senate and Board members to have a strategic discussion about the challenges and opportunities facing SFU over the next ten years.

2. **Enrollment Plan 2019/2020; Undergraduate Admissions Targets for 2019/2020 (S.19-31)**
Senate approved and recommended to the Board of Governors:

- the 2019/2020 Enrollment Plan attached as Appendix A to document titled *For SENATE* March 4, 2019.
- the 2019/2020 Proposed Domestic Undergraduate Admission Targets by Faculty and Basis of Admission -All Campuses (Headcount), as indicated in Table C1 in Appendix C.
- the 2019/2020 Proposed International Undergraduate Admission Targets by Faculty and Basis of Admission - All Campuses (Headcount), as indicated in Table C2 in Appendix C.

3. **External Review Mid-Cycle Report for the Department of Humanities (S.19-32)**
Senate received the External Review Mid-Cycle Report for the Department of Humanities for information.

4. **External Review Mid-Cycle Report for the Department of Political Science (S.19-33)**
Senate received the External Review Mid-Cycle Report for the Department of Political Science for information.

5. **SFU Strategic Review 2018 (S.19-34)**
Senate received the SFU Strategic Review 2018 for information.

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6.   **Name Change of Geography Major and Certificate in Spatial Information Systems (S.19-35)**

Motion 1:
Senate approved and recommended to the Board of Governors the name change from Geography Major to Human Geography Major in the Department of Geography within the Faculty of Environment, effective Fall 2019.

Motion 2:
Senate approved and recommended to the Board of Governors the name change for the Certificate in Spatial Information Systems to Geographic Information Science Certificate in the Department of Geography within the Faculty of Environment, effective Fall 2019.

7.   **Suspension of Admission to the Geography Extended Minor Program (S.19-36)**
Senate approved suspension of admission to the Geography Extended Minor Program in the Department of Geography within the Faculty of Environment, effective Fall 2019.

8.   **Undergraduate Program Changes (S.19-37)**
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following program changes, effective Fall 2019:

i) Faculty of Communication, Art and Technology

   a) School for the Contemporary Arts
   - Program: Art, Performance and Cinema Studies Major
   - Program: Art, Performance and Cinema Studies Honours
   - Program: Art, Performance and Cinema Studies Minor
   - Program: Visual Art Major
   - Program: Visual Art Honours
   - Program: Visual Art Extended Minor

ii) Faculty of Environment

   a) Geography
   - Program: Global Environmental Systems Major

iii) Faculty of Science

   a) Biomedical Physiology and Kinesiology
   - Program: Behavioural Neuroscience Major (effective Summer 2019)
   - Program: Behavioural Neuroscience Honours (effective Summer 2019)
   - Program: Biomedical Physiology Major
   - Program: Biomedical Physiology Minor
   - Program: Kinesiology Major

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-   Program: Kinesiology Minor

    b) *Earth Sciences*
    -   Program: Earth Sciences Major
    -   Program: Earth Sciences Honours
    -   Program: Earth Sciences Certificate

    c) *Statistics and Actuarial Science*
    -   Program: Statistics Major
    -   Program: Statistics Honours

9. **Undergraduate New Course Proposals (S.19-38)**
    Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following new course proposal, effective Fall 2019:

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

    a) *Publishing Program*
    -   Course (new): PUB 448

10. **Undergraduate Course Changes (S.19-39)**
    Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following course changes, effective Fall 2019:

    i) **Faculty of Applied Sciences**

    a) *School of Computing Science*
    -   Course (equivalency): CMPT 105W

    b) *School of Engineering Science*
    -   Course (equivalency): ENSC 105W, 204, 220, 225, 280, 380, 383, 385, 405W, 406, 410, 440

    c) *School of Mechatronic Systems Engineering*
    -   Course (equivalency): MSE 100, 101W, 210, 211, 220, 221, 223, 250, 251, 280, 300, 353, 381, 402, 410, 411

    ii) **Beedie School of Business**

    -   Course (prerequisite): BUS 439
    -   Course (deletion): BUS 342

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iii) Faculty of Communication, Art and Technology

a) *School for the Contemporary Arts*
- Course (description): CA 306, 406
- Course (number, equivalency): CA 167, 168
- Course (prerequisite): CA 235, 260, 314, 335, 360, 366, 412W, 414

iv) Faculty of Environment

a) *School of Environmental Science*
- Course (acronym, title, description): ENV 391, 491
- Course (acronym, number, title): ENV 399, 499

v) Faculty of Science

a) *Biomedical Physiology and Kinesiology*
- Course (description): BPK 105, 205, 208
- Course (description, prerequisite): BPK 417

b) *Earth Sciences*
- Course (prerequisite): EASC 411

c) *Statistics and Actuarial Science*
- Course (prerequisite): STAT 285

11. Graduate Program Changes (S.19-40)
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following program change, effective Summer 2019:

i) Faculty of Environment

a) *Sustainable Development*
- Program: Development and Sustainability Graduate Certificate

12. Graduate Program Changes (S.19-42)
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following program change, effective Fall 2019:

i) Faculty of Arts and Social Sciences

a) *English*
- Program: English MA for Teachers of English

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13. **Graduate Program Changes (S.19-43)**
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following program changes, effective Fall 2019:

i) **Faculty of Applied Sciences**

a) *School of Computing Science*
- Program: Computer Science MSc

ii) **Faculty of Environment**

a) *Geography*
- Program: Geography MA

14. **Graduate New Course Proposals (S.19-44)**
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following new course proposals, effective Fall 2019:

i) **Faculty of Applied Sciences**

a) *School of Mechatronic Systems Engineering*
- Course (new): MSE 812

ii) **Faculty of Environment**

a) *Geography*
- Course (new): GEOG 621, 686

15. **Graduate Course Changes (S.19-45)**
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following course changes, effective Fall 2019:

i) **Faculty of Applied Sciences**

a) *School of Computing Science*
- Course (title, description): CMPT 771
- Course (number): CMPT 880, 881, 882
- Course (number, title): CMPT 884, 885, 888
- Course (deletion): CMPT 765, 773, 781, 826

ii) **Faculty of Arts and Social Sciences**

- Course (temporarily withdrawn): ECON 817, 861
- Course (temporarily withdrawn): IS 805, 845, 865, 887
- Course (temporarily withdrawn): POL 821, 825, 838, 839, 853, 895

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- Course (temporarily withdrawn): PSYC 807F, 809, 905
- Course (temporarily withdrawn): SA 874
- Course (deletion): ECON 843, 850, 851, 853, 856, 859, 863, 864, 865, 867, 869, 877, 878, 879, 886, 889, 893, 895
- Course (deletion): GERO 805
- Course (deletion): HIST 812, 823, 824, 825, 864, 871, 884, 886, 891, 895, 900
- Course (deletion): LAS 825
- Course (deletion): LING 809, 897
- Course (deletion): POL 847, 848, 861, 870
- Course (deletion): PSYC 601, 602, 720, 725, 730, 740, 780, 785, 804, 807C, 808, 860, 870, 883, 884, 907A, 907C, 907E, 915, 920, 930, 935, 940, 965, 970, 985
- Course (deletion): SA 855, 886
- Course (deletion): URB 640, 685, 690

iii) Beedie School of Business

- Course (temporarily withdrawn): BUS 824, 867
- Course (deletion): BUS 717, 781, 820, 875

iv) Faculty of Education

- Course (temporarily withdrawn): EDUC 809

v) Faculty of Environment

a) *Geography*
- Course (prerequisite): GEOG 678

vi) Faculty of Health Sciences

- Course (deletion): HSCI 726, 777, 800, 806, 815, 850, 858, 865, 866

vii) Faculty of Science

- Course (temporarily withdrawn): BISC 821
- Course (temporarily withdrawn): BPK 850, 858
- Course (temporarily withdrawn): MBB 724
- Course (temporarily withdrawn): MATH 882
- Course (deletion): BISC 603, 604, 605, 812, 815, 816, 867
- Course (deletion): BPK 804, 809, 810, 821
- Course (deletion): CHEM 833, 863
- Course (deletion): EASC 615, 616, 627
- Course (deletion): KIN 802, 826, 880, 885, 890
- Course (deletion): MATH 896
- Course (deletion): MBB 566, 744, 835

16. **Senate Graduate Studies Committee (SGSC) Annual Report 2018 (S.19-46)**
Senate received the Senate Graduate Studies Committee Annual Report 2018 for information.

17. **SFU as Signatory of the Magna Charta Universitatum (S.19-47)**
Senate approved and recommended to the Board of Governors that Simon Fraser University proceed with the application to become a signatory to the Magna Charta Universitatum, upon the stipulation that future revisions of the Magna Charta Universitatum be brought back to Senate and the Board of Governors for further review.

The approved Senate minutes will be available online following the May Senate meeting. For more detailed information on each Senate item, please refer to the March 2019 Senate documents: https://docushare.sfu.ca/dsweb/View/Collection-33509

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

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