SENATE SUMMARY
MEETING OF DECEMBER 3, 2018

1. **Report of the Chair**
   The Chair welcomed new Senators Daanyaal Sheikh (Art and Social Sciences), Amrita Mohar (Communication, Art and Technology), and Mohammed Ali (Education).

   The Chair reported that he, in his role as President, along with Vice-President Research and International Joy Johnson, led a mission to Hong Kong, South Korea and Taiwan to strengthen SFU partnerships in East Asia and visit partner universities to renew MOUs, sign student exchange agreements, pursue joint academic programs and explore research collaborations. Visits included City University of Hong Kong, Chinese University, Hong Kong Polytechnic University, Hong Kong Baptist University, Seoul National University, Yonsei University, and Korea Advanced Institute of Science and Technology. It was noted that SFU entered a "2+2" arrangement with Hong Kong Baptist University that will enable Actuarial Science students to complete their studies and graduate at SFU. Mission members also attended National Taiwan University 90th anniversary celebrations, hosted two alumni receptions (one in Hong Kong and one in Seoul) and promoted APAIE 2020, the annual *Asia-Pacific Association for International Education* conference that SFU will host in the spring of 2020.

   The Chair reported on recent research grant successes:

   - Michael Adachi of Engineering Science has been awarded about $200,000 from *Defense Research and Development Canada's IDEaS* program for his project on *Highly Sensitive and Portable Chemical and Biological Agent Detectors Using Monolayer Acoustic Wave Technology*.
   - Ryan Morin from Molecular Biology and Biochemistry has been awarded $150,000 from the *American Society of Hematology* for his project *Integrative Genomic Analysis of Aggressive Lymphomas*.
   - Peter Ruben from Biomedical Physiology and Kinesiology has received over $130,000 from *Akseera Pharma Corp.* for his work on *The Effect of CBD/THC Combinations on Voltage-Gated Ion Channels in Prostate Cancer Cells*.
   - SFU's 4D LABS has received over $1.9 million *from Western Economic Diversification Canada* (*WD*). The funds will be used to equip the new *Centre for Advanced Manufacturing and Integration* with state-of-the-art machinery to help prototype and manufacture advanced micro and nanotechnology.

The Chair reported on recent research awards and honours:

- *RE$EARCH Infosource*, Canada's R&D intelligence and ranking system, has ranked SFU Canada's top comprehensive university for publication impact.
- *RE$EARCH Infosource* has also ranked SFU the #1 comprehensive university in its *University Patent Leader 2013-2017* category.
- *UBI Global Accelerator Rankings* has ranked SFU's VentureLabs the top North American university-linked accelerator.

The Chair reported that twelve of India's top new entrepreneurs are visiting SFU VentureLabs after winning the *Next BIG Idea* contest sponsored by *Zone Startups India,* a Mumbai based accelerator that SFU has partnered in with Ryerson University and the Bombay Stock Exchange Institute. The visit is part of a two-week *Market Access Program* prize that includes visits to Toronto and Calgary to explore Canada's startup and innovation ecosystem with a view to expanding businesses into North America.

The Chair reported that on December 7th SFU will become the headquarters for *CANSSI* – the *Canadian Statistical Sciences Institute*. The collaboration with CANSSI builds upon SFU's leadership in big data innovation and data science excellence and will help strengthen collaborations between researchers, partners and communities across the country.

The Chair reported that the Department of First Nations Studies recently celebrated its 20th anniversary, and that the Beedie School of Business's Executive MBA Program recently celebrated its 50th anniversary.

The Chair reported that SFU has received funds to create a 12,000-square-foot art museum on Burnaby Mountain thanks to a significant gift from the Gibson Family Trust. The museum will offer new opportunities for art education, appreciation and community engagement, thereby enriching the cultural landscape of Metro Vancouver. It will be located next to the campus on the west side of UniverCity, situated to serve both the university and the broader community.

The Chair reported that his second term as President will end in August 2020 and that he has notified the Board of Governors that he will not seek a third term. As a consequence, a presidential search process will get underway shortly, including the formation of a search committee and the convening of community consultations. Senators are encouraged to be involved in this important process.

2. **Research Ethics Board (REB) Annual Report 2017 – 2018 (S.18-118)**
   Senate received the Research Ethics Board Annual Report 2017 – 2018 for information.

3. **2017/18 Centres and Institutes Renewal Applications (S.18-119)**
   Senate received the 2017/18 Centres and Institutes Renewal Applications for information.

4. **Centres and Institutes Annual Report 2017/18 (S.18-120)**
   Senate received the Centres and Institutes Annual Report 2017/18 for information.

5. **Dissolution of Community Health Solutions as a Research Institute (S.18-121)**
   Senate approved the dissolution of Community Health Solutions as a research institute.

6. **Suspension of Admission and Dissolution of the Graduate Certificate in Neuroscience (S.18-122)**

   Motion 1:
   Senate approved the suspension of admission to the Graduate Certificate in Neuroscience within the Faculty of Science, effective Summer 2019.

   Motion 2:
   Senate approved and recommend to the Board of Governors the dissolution of the Graduate Certificate in Neuroscience within the Faculty of Science, effective Summer 2019.

7. **External Review of the Department of Economics (S.18-123)**
   Senate approved the Action Plan for the Department of Economics that resulted from its External Review.

8. **Undergraduate Program Changes (S.18-124)**
   Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following program changes, effective Summer 2019:

   i) Faculty of Applied Sciences

   a) School of Engineering Sciences
   - Program: Engineering Science, Systems Option Major
   - Program: Engineering Science, Systems Option Honours

   ii) Faculty of Arts and Social Sciences

   - Program: FASS program declaration

   a) Economics
   - Program: Economics Major (effective Fall 2019)
   - Program: Business and Economics Joint Major (effective Fall 2019)

- Program: Political Science and Economics Joint Major (effective Fall 2019)
- Program: Economics Honours (effective Fall 2019)
- Program: Business and Economics Joint Honours (effective Fall 2019)
- Program: Economics Minor (effective Fall 2019)
- Program: Economics Extended Minor (effective Fall 2019)
- Program: Economics Post Baccalaureate Diploma (effective Fall 2019)

b) *English*
- Program: English Minor
- Program: English Extended Minor

c) *History*
- Program: History Honours
- Program: History Major

d) *Labour Studies Program*
- Program: Labour Studies Major (effective Fall 2019)
- Program: Labour Studies Minor (effective Fall 2019)
- Program: Labour Studies Certificate (effective Fall 2019)

e) *Psychology*
- Program: Psychology Honours (effective Fall 2019)
- Program: Psychology Major (effective Fall 2019)
- Program: Psychology Minor (effective Fall 2019)
- Program: Psychology Major, Applied Behaviour Analysis Concentration (effective Fall 2019)
- Program: Psychology Honours, Applied Behaviour Analysis Concentration (effective Fall 2019)
- Program: Behavioural Neuroscience Honours (effective Fall 2019)
- Program: Behavioural Neuroscience Major (effective Fall 2019)
- Program: Business and Psychology Joint Major (effective Fall 2019)
- Program: Criminology and Psychology Joint Major (effective Fall 2019)
- Program: Gender, Sexuality, and Women's Studies and Psychology Joint Major (effective Fall 2019)
- Program: Behavioural Neuroscience Honours
- Program: Behavioural Neuroscience Major

f) *Sociology and Anthropology*
- Program: Anthropology Major
- Program: Anthropology Minor
- Program: Sociology Major
- Program: Sociology Minor

iii) Beedie School of Business

- Program: Business Co-operative Education (effective Fall 2019)
- Program: Business Major (effective Fall 2019)

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- Program: Mechatronic Systems Engineering and Business Double Degree Major (effective Fall 2019)
- Program: Business Honours (effective Fall 2019)
- Program: Business and Economics Joint Major (effective Fall 2019)
- Program: Business and Communication Joint Major (effective Fall 2019)
- Program: Business and Psychology Joint Major (effective Fall 2019)
- Program: Sustainable Business Joint Major (effective Fall 2019)
- Program: Business and Economics Joint Honours (effective Fall 2019)
- Program: Molecular Biology and Biochemistry and Business Administration Joint Honours (effective Fall 2019)
- Program: Business Foundation Program (effective Fall 2019)

iv) Faculty of Communication, Art and Technology

a) School of Communication

- Program: Communication Minor program (effective Fall 2019)

v) Faculty of Science

a) Data Science
- Program: Data Science Honours

b) Statistics and Actuarial Science
- Program: Statistics Honours (effective Fall 2019)
- Program: Statistics Major (effective Fall 2019)
- Program: Statistics Minor (effective Fall 2019)

9. **Undergraduate New Course Proposals (S.18-125)**
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following new course proposals, effective Summer 2019:

i) Faculty of Applied Sciences

a) School of Engineering Science
- Course (new): TEKX 101

ii) Faculty of Arts and Social Sciences

a) Co-operative Education
- Course (new): FASS 201, 301, 302, 401, 402

b) French
- Course (new): ITAL 491 (effective Fall 2019)

c) History

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- Course (new): HIST 341

d) *Gender. Sexuality and Women's Studies*
- Course (new): GSWS 341

e) *School for International Studies*
- Course (new): IS 333, 339

f) *Labour Studies Program*
- Course (new): LBST 201 (effective Fall 2019)

g) *Political Science*
- Course (new): POL 484

h) *Psychology*
- Course (new): PSYC 393 (effective Fall 2019)

iii) Beedie School of Business

- Course (new): BUS 328 (effective Fall 2019)

10. Undergraduate Course Changes (S.18-126)
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following course changes, effective Summer 2019:

i) Faculty of Applied Sciences

a) *School of Engineering Science*
- Course (new acronym): TEKX
- Course (deletion): ENSC 100
- Course (description): ENSC 385

b) *Sustainable Energy Engineering*
- Course (prerequisite): SEE 332, 394, 494 (effective Fall 2019)

c) *Mechatronic Systems Engineering*
- Course (equivalency, description): MSE 221

ii) Faculty of Arts and Social Sciences

- Course (deletion): COGS 370, 371, 470, 471
- Course (deletion): CRIM 161, 261, 361, 461
- Course (deletion): ECON 278, 279, 378, 379, 478
- Course (deletion): ENGL 461, 462, 463, 464
- Course (deletion): FNST 141, 241, 341, 441
- Course (deletion): FREN 185, 285, 385, 485

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- Course (deletion): GSWS 421, 422, 423, 424
- Course (deletion): HIST 370, 375, 470 ,475
- Course (deletion): HUM 471, 472, 473, 474
- Course (deletion): LBST 161, 261, 361, 461
- Course (deletion): LBRL 101, 201, 301 ,401, 402
- Course (deletion): LING 370, 371, 470 ,471
- Course (deletion): POL 290, 291, 301, 401
- Course (deletion): PSYC 342, 343, 442, 443
- Course (deletion): SA 141, 241,341,441

a) *Economics*
- Course (acronym, equivalency, description, prerequisite): BUEC 333 (effective Fall 2019)
- Course (title, description): ECON 390 (effective Fall 2019)
- Course (prerequisite): ECON 455W (effective Fall 2019)
- Course (prerequisite): ECON 427W, 433, 435, 448W, 453, 454W, 480, 490, 494 (effective Fall 2019)

b) *English*
- Course (deletion): ENGL 436W
- Course (title, description): ENGL 199W

c) *First Nations Studies*
- Course (deletion): FNST 324

d) *French*
- Course (prerequisite): FREN 407W (effective Fall 2019)

e) *Gender. Sexuality and Women's Studies*
- Course (title, description): GSWS 308 (effective Spring 2020)

f) *History*
- Course (deletion): HIST 364
- Course (description): HIST 368W, 388
- Course (description, title, prerequisite): HIST 404
- Course (title): HIST 427
- Course (W designation): HIST 214

g) *Humanities*
- Course (title): HUM 321W
- Course (description): HUM 350
- Course (title, description): HUM 382

h) *School for International Studies*
- Course (equivalency): IS 220
- Course (title, description): IS 230, 302
- Course (prerequisite): IS 304, 358

i) *Labour Studies Program*
- Course (title, description): LBST 308, 310

j) *Political Science*
- Course (description): POL 141
- Course (W-designation): POL 381W

k) *Psychology*
- Course (deletion): PSYC 432

l) *Sociology and Anthropology*
- Course (deletion): SA 417
- Course (description, equivalency): SA 101, 150
- Course (description): SA 218, 352
- Course (title): SA 316, 345, 358, 363
- Course (prerequisite): SA 317
- Course (title, description): SA 318, 326, 402, 474
- Course (description, prerequisite): SA 329
- Course (Equivalency, description, prerequisite): SA 328

iii) Faculty of Communication, Art and Technology

a) *School of Communication*
- Course (W designation): CMNS 201
- Course (prerequisite): CMNS 342

iv) Faculty of Environment

a) *Archaeology*
- Course (new acronym): PLAN
- Course (title): ARCH 323
- Course (description): ARCH 451

b) *Bachelor of Environment Program*
- Course (description): ENV 404

c) *Environmental Science Program*
- Course (description): EVSC 482

d) *Geography*
- Course (prerequisite): GEOG 311, 327, 352, 377, 385, 389W, 411, 451
- Course (description): GEOG 409

v) Faculty of Science

a) *Data Science*
- Course (prerequisite): DATA 180

b) *Mathematics*
-   Course (description): MATH 340 (effective Fall 2019)

c) *Statistics and Actuarial Science*
-   Course (equivalency, description, prerequisite): STAT 310, 311

11. **Graduate Program Changes (S.18-127)**
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following program changes, effective Summer 2019:

i) Faculty of Arts and Social Sciences

a) *Gender. Sexuality, and Women's Studies*
-   Program: Gender, Sexuality, and Women's Studies MA
-   Program: Gender, Sexuality, and Women's Studies PhD

b) *Humanities*
-   Program: Humanities MA

c) *School for International Studies*
-   Program: Latin American Studies Graduate Certificate

d) *Linguistics*
-   Program: Linguistics MA
-   Program: Linguistics PhD
-   Program: Linguistics of a First Nations Language MA
-   Program: Linguistics of a First Nations Language Graduate Certificate

ii) Beedie School of Business

-   Program: Science and Technology Commercialization Graduate Certificate

iii) Faculty of Environment

a) *School Resource and Environmental Management*
-   Program: Resource and Environmental Management MRM (Planning) (effective Fall 2019)

iv) Faculty of Health Sciences

-   Program: Health Sciences PhD

v) Faculty of Science

a) *Mathematics*
-   Program: Mathematics MSc

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- Program: Applied and Computational Mathematics MSc

b) *Physics*
- Program: Physics MSc
- Program: Physics PhD

12. Graduate New Course Proposals (S.18-128)
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following new course proposals, effective Summer 2019:

i) Faculty of Arts and Social Sciences

a) *Political Science*
- Course (new): POL 880

ii) Faculty of Environment

a) *School of Resource and Environmental Management*
- Course (new): REM 606, 607 (effective Spring 2020)

13. Graduate Course Changes (S.18-129)
Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following course changes, effective Summer 2019:

i) Faculty of Arts and Social Sciences

a) *School for International Studies*
- Course (description): IS 806

b) *Linguistics*
- Course (units): LING 800, 801, 802, 803, 804, 805, 806, 807, 810, 811, 812, 813, 820, 821, 850, 851, 855, 896, 898, 899

c) *School of Public Policy*
- Course (title): PLCY 821, 830
- Course (deletion): PLCY 822, 899

ii) Beedie School of Business

- Course (title, description, equivalency): BUS 615
- Course (title, description): BUS 728
- Course (title): BUS 880
- Course (description, grading basis): BUS 990

iii) Faculty of Health Sciences

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- Course (units, title, description): HSCI 990
- Course (deletion): HSCI 998

14. **Senate Library Committee (SLC) Annual Report 2017 – 2018 (S.18-130)**
Senate received the Senate Library Committee Annual Report 2017 – 2018 for information.

15. **Senate Committee Elections (S.18-131 Revised)**
Senate received a summary of the nominations, positions elected by acclamation, positions requiring an online vote, and outstanding vacancies for the Senate committees.

16. **Institutional Research and Planning (IRP) Report – 2017/18 Grades Report (S.18-132)**
Senate received the Institutional Research and Planning Report – 2017/18 Grades Report for information.

The approved Senate minutes will be available online following the January Senate meeting. For more detailed information on each Senate item, please refer to the December 2018 Senate documents: https://docushare.sfu.ca/dsweb/View/Collection-33273

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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