

SENATE SUMMARY

MEETING OF March 6, 2017

1. Report of the Chair

The Chair reported on a number of research grant successes:

- Physics professor Bernd Stelzer is setting up a new particle physics research facility at SFU Burnaby and at TRIUMF with support from CFI's John R. Evans Leaders Fund. The particle physics detector lab is one of a number of funded initiatives from the fund that will support world-class research at SFU.
- Computing Science professor Jian Pei has been awarded a \$495,000 NSERC Strategic Partnerships Grant for his *Fraud Investigation at Scale: Methods and Tools* project. He is one of five SFU researchers to receive funding which totals over \$2.1 million.
- Public Policy professor Kora DeBeck has been awarded a \$300,000 CIHR New Investigator Research Grant in Child and Youth Health for her project, *Addiction treatment engagement among street –involved youth in Vancouver*.
- Biological Sciences professor Zamir Punja has been awarded \$285,000 from Agrima Botanicals Corp. for his project, *Enhancing growth and quality of medical marijuana in hydroponic systems*.

The Chair reported on the official launch of KEY - SFU's Big Data Initiative, which took place in February. KEY has already started offering programming, including a very successful reading week workshop series. This initiative is set to run over the next three years and provide support to the community in all areas of Big Data.

The Chair reported the launch of SFU's Data Centre is set for April 20th. Located in the Water Tower building, the new state-of-the-art data centre will be the largest in Canada. It will be supported by Compute Canada and will establish SFU as a leader in terms of computing data in Canada.

The Chair noted that SFU Innovates will have a major presence at the upcoming #BCTECH Summit, happening March 14-15. Twelve SFU researchers will be showcasing their technologies, with Stephanie Simmons, CRC in nanoelectronics in the Department of Physics, joining a keynote panel on quantum computing.

The Chair reported that Venture Connection will receive \$1 million over the next five years from Coast Capital Savings. Venture Connection is our student incubator facility, which hosted a Venture prize competition in February attended by 250 people. Over \$37,500 in cash prizes was awarded to student entrepreneurs, and \$24,000 of in-kind services was awarded to the overall winner, Orello

Hearing Technologies, a company that sprung from our own Technology Entrepreneurship @SFU Program.

The Chair reported that VentureLabs, our technology business accelerator program, is now fully operational on the 11th and 12th floors of Harbour Center in the tower next to our campus. There's room for new companies and shared meeting space for Angel investors. Also, another cohort of startup companies will travel to Hong Kong and China this month, marking the second such visit to China in partnership with Hanhai Holdings under the C2CAN program.

The Chair reported that SFU has passed Phase 1 of the Ashoka Changemaker designation process by successfully demonstrating that SFU is a field-leading institution for social innovation and social entrepreneurship. Phase 2 will entail a site visit scheduled for later this month, where Ashoka will meet with SFU administration, faculty, staff and students to review the University's work in social innovation. Ashoka is one of the world's foremost social entrepreneurship organizations, with only 38 institutions worldwide holding the Changemaker designation. Achieving this designation will elevate our status as a leader in social innovation and social entrepreneurship and provide us access to a global network of universities with similar strengths.

The Chair reported some recent and upcoming events:

- In conjunction with Canada's 150th birthday the SFU Public Square Community Summit will be hosting a series of events and dialogues on the theme of *Who Needs Canada?* There are still a number of upcoming events including one on the Middle East and the Refugee crisis with Robert Fisk, and one on SFU's globally focused investigations and innovations hosted by Vice-President, Research Joy Johnson.
- In response to the recent United States travel ban *We Are All SFU* events were hosted on all three campuses, highlighting that we believe in welcoming international students, and we regret any developments which might be perceived as threatening to students and which send a contrary message.
- The Student Volunteers Appreciation Gala took place on February 24th, with roughly 380 students in attendance representing 57 volunteer programs.
- March 1st saw the launch of our 20 Year Sustainability Vision, resulting from a year-long consultation with students, faculty and staff across all three campuses to envision SFU's sustainable future.
- The President's Dream Colloquium on *Understanding Medical Marijuana* is underway. The Honorable Anne McLellan, leader of the federal Task Force on Cannabis Legalization, will be speaking on March 23rd.
- The President's faculty lectures, where faculty members share some of their research and insights with the broader community, will feature professor Paul Kingsbury speaking on *Investigating Paranormal Investigators* in Surrey March 15th and professor Anne Chinnery speaking on *Rendered Responsible by the Fragile* at Harbour Center on April 5th.

The Chair reported that we launched SFU's Strategic Vision about five years ago, and will now be instituting a process to re-engage the community on the vision. The goal is not to revise the vision, but to check on how the vision is impacting people, where we're getting it right, where we're getting it wrong and what more we need to do, by asking the community to provide some feedback and guidance on where we go next with the vision.

A question was asked regarding if any students have taken advantage of SFU's offer to waive application fees and application deadlines from the seven countries affected by the recent announcement of the United States travel ban. Senate was informed that there have been some applications, but the exact numbers are unknown.

2. Enrollment Plan 2017/2018; Undergraduate Admissions Targets for 2017/2018 (S.17-31)

Senate approved and recommended to the Board of Governors:

- the 2017/2018 Enrollment Plan attached as Appendix A to document titled *For SENATE* March 6, 2017
- the 2017/2018 domestic undergraduate admission targets to each Faculty, by semester and basis of admission category as indicated in Table C1 in Appendix C
- the 2017/2018 international undergraduate admission targets to each Faculty, by semester and basis of admission category as indicated in Table C2 in Appendix C

3. Co-operative Education Program Changes (S.17-32)

Senate approved the change to the SFU Co-operative Education program decreasing from four (4) to three (3) work terms for four year undergraduate academic degree programs in order to receive a Co-operative Education Designation, effective Fall 2017.

4. Undergraduate Course Changes (S.17-33)

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

i) Beedie School of Business

- Course (description): BUS 202
- Course (title): BUS 346
- Course (prerequisite): BUS 431, 434, 435
- Course (deletion): BUS 451, 456, 457, 458

ii) Faculty of Arts and Social Sciences

a) Economics

- Course (deletion): BUEC 397

- Course (temporarily withdrawn): BUEC 433
- Course (temporarily withdrawn): ECON 110, 250, 300, 388, 478

b) English

- Course (deletion): ENGL 111, 112, 113, 114, 115, 371W

c) Gerontology

- Course (temporarily withdrawn): GERO 402, 405

d) Hellenic Studies

- Course (temporarily withdrawn): HS 437

e) History

- Course (temporarily withdrawn): HIST 205, 343, 437, 442W
- Course (deletion): HIST 333, 426

f) Humanities

- Course (deletion): HUM 227

g) School for International Studies

- Course (deletion): IS 324

h) Language Training Institute

- Course (temporarily withdrawn): LANG 272
- Course (temporarily withdrawn): SPAN 305

i) Linguistics

- Course (deletion): FNGL 331
- Course (deletion): LING 241, 412

j) Political Science

- Course (deletion): POL 101, 360, 375, 442, 444
- Course (temporarily withdrawn): POL 211, 361, 362, 462

k) Psychology

- Course (temporarily withdrawn): PSYC 335
- Course (deletion): PSYC 464

l) Sociology and Anthropology

- Course (temporarily withdrawn): SA 357W

m) World Literature Program

- Course (deletion): WL 105
- Course (temporarily withdrawn): WL 420, 430, 440

iii) Faculty of Science

a) *Physics*

- Course (equivalency): PHYS 130, 190
- Course (description): PHYS 133
- Course (description, prerequisite): PHYS 395

5. Undergraduate New Course Proposals (S.17-34)

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

i) Faculty of Science

a) *Biomedical Physiology and Kinesiology*

- Course (new, B-Sci designation): BPK 141

b) *Chemistry*

- Course (new): CHEM 449

6. Undergraduate Program Changes (S.17-35)

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

i) Beedie School of Business

- Program: Business Major
- Program: Business Honours
- Program: Business Minor
- Program: Business Analytics and Decision Making Certificate
- Program: Business Technology Management Certificate
- Program: Corporate Environmental and Social Sustainability Certificate
- Program: Innovation and Entrepreneurship Certificate
- Program: International Experiential Learning Certificate
- Program: Molecular Biology and Biochemistry and Business Administration Joint Honours
- Program: Business and Communication Joint Major - Bachelor of Arts or Bachelor of Business Administration
- Program: Business and Economics Joint Major – Bachelor of Arts or Bachelor of Business Administration
- Program: Business and Geography Joint Major - Bachelor of Arts or Bachelor of Business Administration
- Program: Business and Psychology Joint Major - Bachelor of Arts or Bachelor of Business Administration
- Program: Information Systems in Business Administration and Computing Science Joint Major - Bachelor of Business Administration or Bachelor of Science

- Program: Mechatronic System Engineering and Business Double Degree Program Major
- Program: Grade Requirements
- Program: Non-Majors' Access to Business Courses
- Program: Interactive Arts and Technology and Business Joint Major BA or BBA
- Program: Interactive Arts and Technology and Business Joint Major BSc
- Program: Business and Economics Joint Honours
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ii) Faculty of Science

a) *Statistics and Actuarial Science*

- Program: Statistics Major (effective Spring 2018)
- Program Statistics Honours (effective Spring 2018)
- Program: Statistics Minor (effective Spring 2018)

b) *Biomedical Physiology and Kinesiology*

- Program: Biomedical Physiology Major
- Program: Kinesiology Major

c) *Molecular Biology and Biochemistry*

- Program: Molecular Biology and Biochemistry and Computing Science Joint Major
- Program: Molecular Biology and Biochemistry and Computing Science Joint Honours

7. Graduate Course Changes (S.17-36)

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

i) Faculty of Arts and Social Sciences

- Course (reinstatement): POL 838

ii) Faculty of Education

- Course (title, description, prerequisite): EDUC 829, 860
- Course (title, description): EDUC 841
- Course (number, unit, title, corequisite): EDUC 901, 902
- Course (unit): EDUC 911, 912, 921, 922

iii) Faculty of Science

a) *Earth Sciences*

- Course (unit): EASC 998

8. Graduate New Course Proposals (S.17-37)

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 Education

- Course (new): EDUC 760, 882, 885, 886, 901B, 902B, 984

ii) Faculty of Health Sciences

- Course (new): HSCI 841, 842

iii) Faculty of Science

a) Chemistry

- Course (new): CHEM 849, 862

b) Earth Sciences

- Course (new): EASC 630, 635 (effective Spring 2018)
- Course (new): EASC 810, 910

9. Graduate Program Changes (S.17-38)

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

i) Faculty of Arts and Social Sciences

a) Program of Urban Studies

- Program: Graduate Diploma
- Program: MA of Urban Studies

ii) Faculty of Education

- Program: Calendar deletion on Graduate Degrees in the Faculty of Education
- Program: MA in Educational Psychology
- Program: MEd in Educational Psychology
- Program: MA in Curriculum and Instructions
- Program: PhD in Curriculum Theory and Implementation

iii) Faculty of Science

a) Earth Sciences

- Program: MSc in Earth Sciences
- Program: PhD in Earth Sciences

10. Senate Nominating Committee (SNC) Revised Terms of Reference (S.17-39)
Senate approved the revised terms of reference for the Senate Nominations Committee effective April 2017.

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 2017 Senate documents <https://docushare.sfu.ca/dsweb/View/Collection-30298>

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