

## SENATE SUMMARY

### MEETING OF APRIL 4, 2016

#### 1. Report of the Chair

The Chair reported on the recently released federal budget, noting that within the budget there is some positive news and opportunities for post-secondary institutions and researchers. There is a significant increase in funding for the tri-councils, with 95 million dollars per year starting this fiscal year. There is a significant increase in discovery based research to be distributed through the competitive processes of the tri-councils and comes without specific conditions attached so that it will be distributed towards general research. Other positive news within the budget included a significant investment in university and post-secondary infrastructure. The commitment by the federal government of 2 billion dollars over the next 3 years to support post-secondary infrastructure places emphasis on infrastructure that contributes towards research, innovation and commercialization. It is hoped this investment will be matched by the provincial government, so SFU will be advancing the case for investments both on this campus and a potential expansion in Surrey, along with the needs for upgrades and other improvements to our infrastructure. There was also a commitment by the Federal Government to develop an innovation strategy and to invest a significant amount, 800 million dollars over 4 years starting next fiscal year, to support innovation networks and clusters. Given the strength that SFU has already established in terms of our innovation networks, our incubation acceleration facilities, our student entrepreneurship and student incubation, we may be able to take advantage of some of that funding to further contribute in these areas. There was also support for new co-op placements and work integrated learning opportunities.

The Chair reported that the BC Government announced 14 million dollars in funding to SFU from the BC Knowledge Development Fund, which matches the federal Canadian Foundation for Innovation funding for research infrastructure. 11.9 million dollars will go towards the development of the National Data Centre at SFU as part of the Advanced Research Computing Platform managed by Compute Canada. The remaining 2.1 million dollars will be distributed amongst four other projects: 1 million dollars to support SFU's participation in GlycoScreen, the Alberta-BC Glycan Screening Centre; 0.5 million dollars to provide support for participation in the GRIFFIN spectrometer project; 410 thousand dollars to support the Silicon Quantum Information Laboratory for research and development in quantum information technologies; and 200 thousand dollars for purchase of a new high resolution mass spectrometer.

The Chair announced 1.4 million dollars in funding from the Canadian Institutes of Health Research for two SFU E-Health research initiatives: *Pill Talk*, led by Communications Professor Ellen Balka, is a software application that promotes better documentation reporting in communication of adverse drug effects and Dr.

Balka is working with funding partners such as the BC college of Pharmacists, Vancouver Coastal Health Authority, and Federal Emergency Management Agency; and Dr. Scott Lear, Professor of Health Sciences, in collaboration with the Canadian Heart and Stroke Foundation will use part of the funding to advance *Curatio*, a digital health platform providing private support networks for heart disease patients. Both projects pair university researchers with companies to utilize expert input from diverse innovation communities and co-develop solutions that will improve health outcomes for Canadians.

The Chair reported that two SFU faculty members in Computing Science will receive almost a million dollars in funding from the Natural Sciences and Engineering Research Council of Canada. Professor Greg Mori will receive 528 thousand dollars to develop computer algorithms that automate sports analytics, and Professor Mohammad Hefeeda will receive 445 thousand dollars to design cloud support systems for streaming feature rich videos over mobile networks. These grants build on our track record of using data intensive approaches to produce innovative breakthroughs in the world of technology. The Chair noted that in terms of our research income this year we have again seen a significant increase. The research income for 2015 is over 117 million dollars, which is a 14 percent increase over 2014, a 34 percent increase over 5 years, and a testament to the strength of our research community.

The Chair noted some recent and upcoming events: our first visitor under the India Council for Cultural Relations Visiting Scholar Program, Dr. Envida Abby, who is President of the Linguistic Society of India and former Professor of Linguistics at Jawaharlal Nehru University, gave a lecture on the dying languages of the Andaman islands. Dr. Abby is also here teaching and engaged in research around the Haida language because of her interest in languages that are threatened or endangered. This program will enable us to bring in a visitor from India each Fall and Spring semester for the next five years and hopefully beyond that; the 50th anniversary exhibition opening of the SFU Museum of Archaeology and Ethnology took place last week with representatives from the Indonesian Consulate; on April 5 the President's Dream Colloquium on Big Data features activist and whistleblower Edward Snowden at the Queen Elizabeth Theatre; from April 6<sup>th</sup> to 8<sup>th</sup> we have the North West Commission on Colleges and Universities Accreditation Site Visit – a visit that will hopefully lead to our accreditation; and from May 1<sup>st</sup> to 7<sup>th</sup> is the upcoming Burnaby Festival of Learning which we are co-sponsoring with the city of Burnaby.

**2. Senate Appeals Board Annual Report (S.16-36)**

Senate received for information the Senate Appeals Board Annual Report for 2015.

**3. Senate Committee on International Activities Annual Report (S.16-37)**

Senate received for information the Senate Committee on International Activities Annual Report for 2015.

- 4. Senate Committee on University Priorities Revised Membership (S.16-38)**  
Senate approved the revised membership for the Senate Committee on University Priorities, effective immediately.
- 5. Terms of Reference for the Edward and Emily McWhinney Professorship in International Relations (S.16-39)**  
Senate approved and recommended to the Board of Governors the Terms of Reference for the Edward and Emily McWhinney Professorship in International Relations.
- 6. IP Notation (S.16-40)**  
Senate approved the Calendar language changes set out in S.16-40 re: IP Notation.
- 7. Undergraduate Curriculum Revisions – Faculty of Applied Sciences (S.16-41)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

  - a) School of Mechatronic Systems Engineering*

    - Course (prerequisite): MSE 410 (*effective Spring 2017*)
  - b) School of Computing Science*

    - Program: Computing Science Honours
    - Program: Computing Science Major
    - Program: Computing Science Second Degree
    - Course (new): CMPT 129 (*effective Spring 2017*)
    - Course (Q designation): CMPT 129
    - Course (prerequisite): CMPT 225, 470
    - Course (description): CMPT 125, 128, 135
- 8. Undergraduate Curriculum Revisions – Faculty of Arts and Social Sciences (S.16-42)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

  - a) English*

    - Course (new): ENGL112W
    - Course (W/B-Hum designation): ENGL 112W
    - Course (new): ENGL 208
    - Course (B-Hum designation): ENGL 208
    - Course (deletion): ENGL 102W, 210W, 443, 482W
    - Course (title): ENGL 310
    - Course (title, description): ENGL 322, 416W, 484W
    - Course (prerequisite): ENGL 372, 374, 383

**b) First Nations Studies**

- Course (deletion): FNST 201
- Course (prerequisite): FNST 222
- Course (title): FNST 401

**c) French**

- Program: Italian Studies Minor
- Course (new): ITAL 400
- Course (title): FREN 217
- Course (description): FREN 275
- Course (prerequisite): FREN 211, 320, 321, 322, 331, 332, 333, 334, 416, 417, 420, 423, 424, 425, 430, 440, 441, 442, 444, 452, 476, 480

**d) History**

- Program: History Major
- Program: History Honours
- Program: Concentration in British History and Irish History
- Course (B-Soc/B-Sci designation): HIST 111
- Course (deletion): HIST 208
- Course (prerequisite): HIST 433W, 479W

**e) School for International Studies**

- Program: International Studies Major
- Program: International Studies Honours
- Program: International Studies and World Literature Joint Major
- Course (deletion): IS 240

**f) Labour Studies**

- Course (description): LBST 230

**g) Linguistics**

- Course (new): LING 282WQ
- Course (W and Q designations): LING 282
- Course (prerequisite): LING 301W, 309W, 321, 322, 324, 330, 360, 362

**h) Philosophy**

- Program: Philosophy Major
- Program: Philosophy Honours
- Program: Philosophy Minor
- Course (new): PHIL 329
- Course (deletion): PHIL 241
- Course (title): PHIL 328
- Course (description): PHIL 310, 350

***i) Political Science***

- Program: Political Science Major
- Program: Political Science Honours
- Program: Political Science Extended Minor
- Program: Political Science and Economics Joint Major
- Program: Political Science and Gender, Sexuality and Women's Studies Joint Major
- Program: African Studies Certificate
- Program: concurrent Bachelor's-Master's
- Course (new): POL 141, 150, 317, 341, 351, 453
- Course (B-Hum/Soc designation): POL 210
- Course (B-Soc designation): POL 253
- Course (deletion): POL 223, 241, 335, 345, 352, 356, 424, 437, 441, 445, 452, 457, 461
- Course (description, prerequisite): POL 253
- Course (title, description, prerequisite): POL 315

***j) Sociology and Anthropology***

- Program: Anthropology Major
- Program: Anthropology Honours
- Program: Anthropology Extended Minor
- Program: Anthropology and Sociology Joint Major
- Program: Sociology Major
- Program: Sociology Honours
- Program: Sociology Extended Minor
- Program: Sociology and Anthropology Joint Honours
- Program: Sociology and Communication Joint Major
- Program: Sociology and Gender, Sexuality and Women's Studies Joint Major
- Course (new): SA 257
- Course (Q designation): SA 257
- Course (prerequisite): SA 355

***k) World Literature Program***

- Course (new): WL 105W
- Course (W designation): WL 105W

**9. Undergraduate Curriculum Revisions – Beedie School of Business (S.16-43)**

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

- Program: Business Major
- Program: Business Honours
- Program: Business [with Term at the Segal Graduate School of Business] Honours
- Program: Business and Communication Joint Major
- Program: Business and Economics Joint Major

- Program: Business and Economics Joint Honours
- Program: Business and Geography Joint Major
- Program: Business and Psychology Joint Major
- Program: Information Systems in Business Administration and Computing Science Joint Major
- Program: Interactive Arts and Technology and Business Joint Major (BA or BBA)
- Program: Interactive Arts and Technology and Business Joint Major (Bachelor of Science)
- Program: Molecular Biology and Biochemistry and Business Administration Joint Major (BSc)
- Program: Molecular Biology and Biochemistry and Business Administration Joint Honours (BSc)
- Program: Sustainable Business Joint Major
- Course (description, prerequisite): BUS 311, 340, 341 (effective Fall 2016)
- Course (new): BUS 217W
- Course (W designation): BUS 217W
- Course (prerequisite): BUS 360W

**10. Undergraduate Curriculum Revisions – Faculty of Communication, Art and Technology (S.16-44)**

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

***a) School for the Contemporary Arts***

- Course (description): FPA 270, 271
- Course (prerequisite): FPA 327, 425

***b) School of Communication***

- Program: Communications Major requirement changes for continuance
- Program: Communications Minor requirement changes for continuance
- Program: Communications Extended Minor requirement changes for continuance
- Program: Communications Major
- Program: Communications Honours
- Course (title, description): CMNS 258, 259, 359

***c) School of Interactive Arts and Technology***

- Program: Interactive Arts and Technology Major, Bachelor of Science
- Program: Interactive Arts and Technology Honours, Bachelor of Science
- Program: Interactive Arts and Technology BA continuance policy
- Program: Interactive Arts and Technology BSc continuance policy
- Course (new): IAT 359
- Course (credit): 488

- 11. Undergraduate Curriculum Revisions – Faculty of Education (S.16-45)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

- Course (deletion): EDUC 352

- 12. Undergraduate Curriculum Revisions – Faculty of Science (S.16-46)**  
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

***a) Department of Physics***

- Program: Applied Physics Honours
- Program: Chemical Physics Honours
- Program: Mathematical Physics Honours
- Program: Physics Honours
- Program: Biological Physics Honours
- Program: Applied Physics Major
- Program: Biological Physics Major
- Program: Physics Major
- Program: Chemical Physics Major
- Course (new): PHYS 201

- 13. Graduate Curriculum Revisions – Faculty of Arts and Social Sciences (S.16-47)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

***a) School of Criminology***

- Program: Master of Arts
- Program: Doctor of Philosophy
- Course (title, description): CRIM 800, 810, 811, 830, 831, 860, 861, 862
- Course (title, description, prerequisite): CRIM 801, 863, 865
- Course (prerequisite): CRIM 864
- Course (deletion): CRIM 885
- Course (new): CRIM 813, 814, 815, 816, 817, 818, 897

***b) French***

- Program: Master of Arts
- Course (units): FREN 998

***c) Humanities***

- Course (units): HUM 803



*d) Political Science*

- Program: Concurrent Enrolment in Bachelor's and Master's Program

**14. Graduate Curriculum Revisions – Beedie School of Business (S.16-48)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

- Program: Management of Technology MBA
- Program: MBA
- Course (equivalency): BUS 553, 706
- Course (title): BUS 645, 729, 782

**15. Graduate Curriculum Revisions – Faculty of Science (S.16-49)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

*a) Molecular Biology and Biochemistry*

- Course (new): MBB 841

**16. Graduate Curriculum Revisions - Special Arrangement Program (S.16-50)**

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2016:

- Course (units): SAR 896
- Course (units, description): SAR 897

**17. Proposal for Professional Master's Program in Terrorism, Risk, and Security Studies (Cohort Special Arrangement Program) (S.16-51)**

Senate received for information the Proposal for Professional Master's Program in Terrorism, Risk, and Security Studies (Cohort Special Arrangement Program).

**18. Senate Committee Elections (S.16-52)**

Senate received a summary of the nominations, positions elected by acclamation, positions requiring an online vote, and outstanding vacancies for the Senate committees.

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 April 2016 Senate documents <https://docushare.sfu.ca/dsweb/View/Collection-28857>

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