



SIMON FRASER UNIVERSITY
ENGAGING THE WORLD

SENATE SUMMARY MEETING OF MARCH 2, 2015

1. **Report of the Chair**

The Chair reported on the recent death of Lorne Davies, SFU's founding athletic director and head football coach. The Chair noted Davies' contribution to the University community and to the development of amateur sports within BC and Canada. On behalf of Senate, the Chair expressed condolences to his wife of 60 years and his two sons. A celebration of Lorne Davies' life will be held on Sunday March 8 in the West Gym.

On behalf of Senate, the Chair welcomed new Senator Joanne Curry, recently appointed Dean pro tem of Lifelong Learning.

The Chair reported on the annual Outstanding Alumni Awards celebration held last week. Four SFU alumni were recognized for their contributions: Darrell Burnham (BA Economics/Psychology '76; MBA, '86), visionary leader in social services, was honoured for his Service to the Community; Diane Cockle (PhD Forensic & Biological Anthropology '13), one of Canada's premier forensic archaeologists, was honoured for Public Service; Kanwal Singh Neel (PhD in Math Education '08), internationally acclaimed math educator, was honoured for Professional Achievement; and Ming-Sound Tsao (BSc Honours '73), world leading cancer researcher, was honoured for Academic Achievement.

The Chair reported on a recent reception to honour student volunteers and noted that LinkedIn released a report ranking SFU among the top five universities in the world with the highest proportion of students and graduates reporting volunteer service.

The Chair reported that Veselin Jungic of the Department of Mathematics was selected as a 3M National Teaching Fellow for 2015. Peter Hollman from the Department of Biological Sciences, Diane Solomon from the Department of English, and Gary Wang from the School of Mechatronic Systems Engineering have all received 2014 Excellence in Teaching awards at SFU.

The Chair reported on recent research news. Professor JC Liu from the Faculty of Applied Sciences has received the prestigious NSERC Steacie Memorial Fellowship, which carries a \$250,000 research grant over two years and a salary contribution to the institution to enable the Fellow to focus on impactful original research. Professor Liu will be working to develop a flexible, energy-efficient framework for the sharing of massive media content. SFU will play a key role in the new \$27.3 million Canadian Glycomics Network, GlycoNet, with six SFU scientists on its team: David Voadlo, Andrew Bennet, Robert Young and Bingyun Sun of Chemistry, and Allison Kermode and Margo Moore of Biology. GlycoNet is one of five new health-related research networks, including AGE-

WELL mentioned previously, to receive funding under the federal Networks of Centres of Excellence program. GlycoNet aims to bolster Canada's glycomics research and training, and to deliver novel therapeutics to market. Eight SFU VentureLabs client companies have made this year's Ready to Rocket list of technology companies that are positioned for significant growth. Included among these are: SFU spinout Lungpacer Medical, based on the diaphragm pacing system developed by Andy Hoffer of Biomedical Physiology and Kinesiology (BPK); Bionic Power, co-founded by BPK associate professor Max Donelan; and Switch Materials, which emerged from smart window technology developed by Neil Branda of Chemistry and SFU's 4D LABS.

The Chair reported on the provincial budget, which included a \$25-million cut to operating grants to the post-secondary education sector. The Chair referenced a recent Conference Board of Canada report that said that the BC economy is losing almost \$5 billion of GDP growth and \$616 million in tax revenues due to a skills shortage and recommended government investment in post-secondary education.

2. Enrolment Plan 2015/2016; Undergraduate Admission Targets for 2015/2016 (S.15-32)

Senate approved and recommended to the Board of Governors:

- the 2015/2016 Enrollment Plan attached as Appendix A to document titled *For SENATE March 2, 2015*
- the 2015/2016 domestic undergraduate admission targets to each Faculty, by semester and basis of admission category as indicated in Table C1 in Appendix C
- the 2015/2016 international undergraduate admission targets to each Faculty, by semester and basis of admission category as indicated in Table C2 in Appendix C

3. Senate Committee on International Activities (SCIA) (S.15-33)

Senate received for information the Senate Committee on International Activities Annual Report for 2014.

4. First Nations Health Authority Chair in Heart Health and Wellness at St. Paul's Hospital (S.15-34)

Senate approved and recommended to the Board of Governors the Terms of Reference for the First Nations Health Authority Chair in Heart Health and Wellness at St. Paul's Hospital.

5. St. Paul's Hospital Chair in Addiction Research (S.15-35)

Senate approved and recommended to the Board of Governors the Terms of Reference for the St. Paul's Hospital Chair in Addictions Research.

6. Full Program Proposal for a Certificate in Innovation and Entrepreneurship (S.15-36)

Senate approved and recommended to the Board of Governors the Full Program Proposal for a Certificate in Innovation and Entrepreneurship within the Beedie School of Business, effective Fall 2015.

7. **Title Change for the Bachelor of Arts in Visual Culture and Performance Studies (S.15-37)**
Senate approved and recommended to the Board of Governors the title change for the Bachelor of Arts in Visual Culture and Performance Studies to the Bachelor of Arts in Art, Performance and Cinema Studies in the School for the Contemporary Arts within the Faculty of Communication, Art and Technology, effective Fall 2015.
8. **Full Program Proposal for a Master of Arts in Comparative Media Arts (S.15-38)**
Senate approved and recommended to the Board of Governors the Full Program Proposal for a Master of Arts in Comparative Media Arts in the School for the Contemporary Arts within the Faculty of Communication, Art and Technology, effective Fall 2015.
9. **External Review Update for the Department of Economics (S.15-39)**
Senate received for information the external review update for the Department of Economics.
10. **Undergraduate Curriculum Revisions – Faculty of Applied Sciences (S.15-40)**
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2015:
 - a) ***School of Computing Science***
 - Course (description/prerequisite): CMPT 225
 - b) ***School of Engineering Science***
 - Program: Engineering Science Major
 - Program: Engineering Science Honours
 - c) ***School of Mechatronic Systems Engineering***
 - Course (prerequisite): MSE 300
11. **Undergraduate Curriculum Revisions – Faculty of Science (S.15-41)**
Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved the following curriculum revisions effective Fall 2015, except where noted below:
 - a) ***Biological Sciences***
 - Program: Biological Sciences Minor
 - b) ***Biomedical Physiology and Kinesiology***
 - Course (new): BPK 443
 - Course (delete): BPK 344

c) Chemistry

- Courses (new): CHEM 433, SCI 191

d) Mathematics

- Program: Mathematics Honours
- Program: Applied Mathematics Major
- Program: Applied Mathematics Honours
- Course (new): MATH 498
- Course (new/W designation): MATH 499W
- Course (number/description/prerequisite): MATH 370W
- Course (prerequisite): MACM 201

e) Physics

- Program: Applied Physics Major
- Program: Applied Physics Honours
- Program: Biological Physics Major
- Program: Biological Physics Honours
- Program: Chemical Physics Major
- Program: Chemical Physics Honours
- Program: Mathematical Physics Honours
- Program: Physics Major
- Program: Physics Honours
- Course (new/Q designation): PHYS 132
- Course (new/Q designation): PHYS 133 (*effective Spring 2016*)
- Courses (prerequisite): PHYS 140, 141, 211, 321
- Course (title/description/prerequisite): PHYS 231 (*effective Summer 2016*)
- Course (title/prerequisite): PHYS 233 (*effective Summer 2016*)

f) Statistics and Actuarial Science

- Course (prerequisite): STAT 475 (*effective Summer 2015*)

12. Graduate General Regulation 1.5.1 Normal Grading System (S.15-42)

Senate approved the proposed revision to GGR 1.5.1, Normal Grading System.

13. Graduate Curriculum Revisions – Faculty of Applied Sciences (S.15-43)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2015:

a) School of Mechatronic Systems Engineering

- Program: Professional Master of Engineering in Mechatronic Product Realization (Cohort Special Arrangements)
- Courses (new): MSE 900, 921, 922, 995

14. Graduate Curriculum Revisions – Faculty of Arts and Social Sciences (S.15-44)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2015, except where noted below:

a) Economics

- Program: Master of Arts in Economics
- Course (new): ECON 899
- Course (delete): ECON 997 (*effective Fall 2016*)

b) Linguistics

- Program: Concurrent Bachelor of Arts/Master of Arts in Linguistics

15. Graduate Curriculum Revisions – Faculty of Communication, Art and Technology (S.15-45)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2015:

a) School for the Contemporary Arts

- Course (new): FPA 888
- Course (description/prerequisite): FPA 827
- Course (title/description/prerequisite/grading): FPA 829
- Course (description): FPA 822

16. Graduate Curriculum Revisions – Special Arrangements Program (S.15-46)

Senate received information that the Senate Graduate Studies Committee, acting under delegated authority, approved the following curriculum revisions effective Fall 2015:

- Course (new): SAR 890

17. Senate Graduate Studies Committee (SGSC) Annual Report (S.15-47)

Senate received for information the Senate Graduate Studies Committee 2014 annual report.

18. Senate Committee Elections (S.15-48)

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 next Senate meeting. For more detailed information on each Senate item, please refer to the March Senate documents: <https://docushare.sfu.ca/dsweb/View/Collection-25711>

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