

MINUTES

**135th Meeting of the Science Faculty Council
held on Friday, September 5, 2014, at 10:30 a.m. in
Senate Chambers, E3-262 EITC**

PRESENT:	P. Graham (Chair)	P. Loewen	G. Hausner
	A. Kumar	R. Sparling	L. Brown
	D. Gillis	Judy Anderson	E. Huebner
	N. Kenkel	S. Lapointe	H. Luong
	R. Flynn	R. Davis	M. Domaratzki
	D. Krepski	D. Trim	C. Cowan
	T. Kucera	S. Portet	M. Doob
	G. Krause	B. Southern	J. van Lierop
	J. Stout	K. Gough	T. Booth
	J. Sirker	J. Arino	J. McConnell
	P. Blunden	S. Kirkland	P. Hultin
	P. Budzelaar	C. Bartels	S. McKenna
	J. van Wijngaarden	M. Shantz (recorder)	
REGRETS:	M. Piercey-Normore	F. Gauvin	J. Hare
	G. Anderson	R. Eskicioglu	M. Docker
	K. Brassinga	J. Sorensen	
GUEST:	C. Adams		

1. Approval of Agenda

MOTION: to approve the agenda. Moved by Judy Anderson, seconded by P. Budzelaar.

CARRIED

2. Approval of Minutes

MOTION: to approve the minutes of the 134th meeting of Faculty Council, held on April 17, 2014. Moved by S. Kirkland, seconded by R. Sparling.

CARRIED

3. Business Arising from the Minutes

Nothing to report.

4. Introduction of New Members

The following new members of Faculty Council were introduced:

- Biological Sciences
 Jake Stout, Assistant Professor
 Kevin Fraser, Assistant Professor
- Chemistry
 Rebecca Davis, Assistant Professor
- Mathematics
 Craig Cowan, Assistant Professor
- Physics and Astronomy
 Jesko Sirker, Assistant Professor

5. Introduction of SSA Members

No members in attendance.

6. Recognition of Promotions and Tenure

Associate Dean Peter Graham congratulated the following faculty members who were granted tenure in 2014:

Sean McKenna	Chemistry
Stephane Durocher	Computer Science
Andriy Prymak	Mathematics
Karen Brassinga	Microbiology
Andreas Shalchi	Physics and Astronomy
Khodr Shamseddine	Physics and Astronomy
Katherine Davies	Statistics
Mohammad Jafari Jozani	Statistics

Associate Dean Peter Graham congratulated the following faculty members who were promoted in 2014:

Joy Stacey	Biological Sciences	Instructor II
Jane Waterman	Biological Sciences	Professor
Sean McKenna	Chemistry	Associate Professor
Krystyna Koczanski	Chemistry	Senior Instructor
James Xidos	Chemistry	Senior Instructor
Stephane Durocher	Computer Science	Associate Professor
Pourang Irani	Computer Science	Professor
Carson Leung	Computer Science	Professor
Andriy Prymak	Mathematics	Associate Professor
Karen Brassinga	Microbiology	Associate Professor
Pavel Dibrov	Microbiology	Professor

Ayush Kumar	Microbiology	Associate Professor
Richard Sparling	Microbiology	Professor
Francis Lin	Physics and Astronomy	Associate Professor
Katherine Davies	Statistics	Associate Professor
Mohammad Jafari Jozani	Statistics	Associate Professor
Saumen Mandal	Statistics	Professor

7. Undergraduate Course and Program Changes

C. Adams outlined the undergraduate course and program changes, as circulated. The undergraduate course changes are brought to Faculty Council for information only. The program changes have been recommended by Faculty Executive and are brought to Faculty Council for approval.

• Faculty of Science - Academic Regulations

- Currently direct entry students enter the Faculty of Science as 3-year General degree students. Propose to change the direct entry default program to a 4-year program.
- Addition of new course options to the list of Mathematics courses for the introductory level Science component of the BSc general degree.

MOTION: to approve the above changes to the Faculty of Science direct entry academic regulations and the BSc General academic regulations, as circulated.
Moved by Judy Anderson, seconded by J. McConnell.

CARRIED

• Mathematics

The Math department has developed a two-phase proposal for a comprehensive review of their undergraduate curriculum. Phase 1, as circulated, looks at the Honours and Major programs and involves the deletion of 48 mathematics courses (except MATH 1200, MATH 1300, MATH 1500, MATH 1700 and Engineering mathematics courses), the introduction of 47 new mathematics courses, and nine program modifications.

MOTION: to approve the program changes in Mathematics, as circulated.
Moved by S. Kirkland, seconded by J. Arino.

CARRIED

• Physics and Astronomy

- Course Introductions: General Relativity 1 and General Relativity 2
- Program Modification: BSc Honours degree (Options A, B, C)
- Program Modification: BSc Joint Honours in Chemistry-Physics & Astronomy
- Program Modification: BSc Joint Honours in Computer Science-Physics & Astronomy

Recommendation: to change to the above BSc Honours graduation requirements FROM students required to achieve a “minimum grade of C in each course that contributes to the

120 credit hours of the degree” TO requiring a “minimum grade of B in each of the core courses PHYS 3380, PHYS 3430, PHYS 3630 and PHYS 3650 and a minimum grade of C+ in each of the other courses that contribute to the 120 hours of the degree”.

MOTION: to approve the Physics and Astronomy program changes, as circulated, including the above recommendation. Moved by D. Gillis, seconded by J. van Lierop.

CARRIED

- **Actuarial Mathematics**
 - Modification to the BSc Honours program

- **Biological Sciences**
 - Course Deletions: BIOL 2540, BIOL 3540
 - Course Introductions: BIOL 3542, BIOL 4544
 - Course Modifications: BIOL 1410, BIOL 1412, BIOL 3340, BIOL 3372, BIOL 4470
 - Program Modifications: BSc Honours and BSc Major - modification to the Evolution and Biodiversity theme course list and the Cell, Molecular and Developmental theme course requirements

- **Chemistry**
 - Course Introduction: CHEM 4MAT
 - Course Modifications: CHEM 2360, CHEM 4600
 - Program Modifications: BSc Honours and BSc Major (including Co-op)

- **Computer Science**
 - Course Deletions: COMP 3720, COMP 4720, COMP 3620
 - Course Introductions: COMP 4300, COMP 4620
 - Course Modifications: COMP 2130, COMP 3820
 - Program Modifications: BSc Honours and BSc Major (including Co-op)

- **Microbiology**
 - Course Modifications: MBIO 1220, MBIO 2360
 - Program Modifications: BSc Honours and BSc Major (including Co-op)

- **Psychology**
 - Program Modification: BSc Honours

- **Statistics**
 - Course Deletion: STAT 3120
 - Course Modifications: STAT 2220, STAT 2400, STAT 3050, STAT 3400, STAT 3800, STAT 4690

- Program Modifications: BSc Honours and BSc Major (including Co-op)
- Program Modification: BSc Joint Honours in Statistics-Actuarial Mathematics

MOTION: To approve above program changes in Actuarial Mathematics, Biological Sciences, Chemistry, Computer Science, Microbiology, Psychology and Statistics, as circulated. Moved by Judy Anderson, seconded by J. McConnell.

CARRIED

8. Faculty Senate Election Results

Drs. John Anderson (Computer Science), Judy Anderson (Biological Sciences), Philip Hultin (Chemistry) and Ms. Joan McConnell (Dean's Office) were elected to serve 3-year terms beginning June 1, 2014 to May 31, 2017.

9. Dean's Report

- The Faculty of Science received a budget cut, but significantly less than expected.
- Our new Dean, Stefi Baum, will be joining us October 1st. She attended the Admin. Council retreat in early September.
- The budgeting process, which normally begins in October, started three months earlier this year. We will have to prepare for a 4% cut this year, and have been told to expect another 4% cut next year as well. Budget talks with department heads should begin within a couple of weeks.
- Strategic Research Plan. The Faculty of Science received an extension for submission of the SRP, which will be done by Dean Baum, based on information from P. Graham and the Admin Council Retreat. The idea is to put a fresh face on the submission and perhaps a new perspective.
- The University space survey is complete but not yet official. It will be presented at Provost Council next week. The obvious shortcomings of much of our space were clearly confirmed by the consultants.
- The Faculty of Science has agreed to participate in an electronic SEEQ pilot study. Concern was expressed about the continuity of SEEQ responses for faculty in terms of future tenure and promotion applications. This will be handled.
- The posting is now closed for the new FoS Communications Officer. We hope to have the position filled sometime in October.
- NSERC season – panels are underway for new researchers and we will review applications for established researchers in the normal fashion. Deadlines have been announced.
- Recently received a request for nominations for Honorary Degrees, Distinguished Service Award, and the Peter D. Curry Chancellor's Award. Please send nominations to P. Graham as soon as possible.

10. Other Business

- Change to Faculty of Science Executive Committee Terms of Reference

MOTION: to approve the proposed changes to the Faculty of Science Executive Committee terms of reference, as circulated. Moved by J. McConnell, seconded by Judy Anderson.

CARRIED

- P. Hultin mentioned that for those lecturing in Armes there is now a built-in facility for streaming from Apple devices onto computers without a cord. IST has installed, and will maintain, a system based on Airplay. Please speak to Khosrow if you would like your department to have access to this and to register the Mac address of any devices. There is minimal expense.

11. Adjournment

Meeting adjourned at 11:50 a.m.