



MEETING: **FACULTY MEETING**
Faculty of Science

DATE: *Thursday, May 30, 2013*

TIME: *11:30 am - 1:30 pm*

PLACE: **Life Sciences Centre
Room 812**

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Please bring your own mug. Coffee and pizza will be provided.

AGENDA

1. *Minutes of March 28, 2013attached*
2. *Matters Arising*
3. *Matters of Report*
4. *Question period*
5. *Dean's Report*
6. *Annual Reports*
 - a) *Admissions Committee - Nilani Loganathan*
 - b) *Award for Excellence in Teaching – Chris Moore*
 - c) *Curriculum Committee – Sandy Walde*
 - d) *Honorary Degrees Committee – Chris Moore*
 - e) *Promotion and Tenure Committee – Barry Ruddick*
 - f) *Undergraduate Research Committee – Sandy Walde*
 - g) *Writing Across the Curriculum Committee – Sandy Walde*
 - h) *Science Outreach Committee – Dan Jackson*
 - i) *First Year Timetable Committee – Sandy Walde*
 - j) *Space Planning Committee – Dan Jackson*
7. *Items from Faculty Council*
 - a) *Revision to the Terms of Reference for the Undergraduate Research Committeeattached*
 - b) *Revision to the Unit Review Terms of Referenceattached*
8. *Academic Integrity Module – Christine Beauchamp*
9. *Ratification of Committee Membersattached*
10. *A. O. B.*

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Agenda.f.03*

Faculty of Science

The Faculty of Science met in regular session on Thursday, March 28, 2013 in LSC Room 812.

Present: Swapan Dasgupta (Associate Dean), Karl Dilcher, Martin Gibling, Milton Graves, Dan Jackson, Becky Jamieson, Marlon Lewis, Tom MacRae, Chris Moore (Dean & Chair), Ron O'Dor, Harm Rotermund, Ian Weaver, Danielle Wood (Secretary), Josef Zwanziger

S 12/13.02.01 Minutes of September 6, 2012

The minutes were attached to the agenda. **Approved.**

S 12/13.02.02 & S12/13.02.03 Matters Arising & Matters of Report

By Chris Moore:

- (a) The Medical Science budget has not yet been finalized. The FASS departments have insisted that they need additional teaching staff to put on the program despite the fact that their enrolments have gone down 10% in the past three years. There will be some money put in from Central Administration, but not enough to cover all the deficits. We will have to move forward with a program that modifies the FASS component and they will have to decide if they will be taking part. The VPA's office is still in favor and has asked us to put in a request to the Strategic Initiatives Fund for 75K for four years in order to make it financially viable.
- (b) The International Strategy is moving along very well. Keith Taylor, Alain Boutet and Asa Kachan were in China and made a lot of good contacts. There will be a Chinese delegation here in May and they are keen on partnerships in Marine Biology and Oceanography. There are new opportunities in Chile that the Associate VP has been cultivating. Mathematics and Statistics are also working on a new 2+2 program.
- (c) There will be an update on the Academic Integrity Module after Christine and Swapan go through the data. Christine will look through the data for how many completed the AI module and how much trouble was caused by getting students to do it and how much workload was created for people in the Dean's Office. He's heard from FASS that they are keen on getting involved and it may become university wide.
- (d) There has been some news and updates on research performance. Discovery Grant success rate was excellent; we had a 72% success rate. The national average is in the 60%'s and the university rate was in the 50%'s. If we just look at regular tenure track employees then our success rate was 78%. This shows that we are doing something right in terms of mentorship and review. Joe asked if there was an information on the procedure for applying for RTI grants for next year. Chris responded that there will be a university quota that will need to be submitted to NSERC. There will be a university review process and there is currently a small group of people working on that process. Karl added that they had applied for one and received partial funding. The Faculty of Science has also received a CREATE grant in Oceanography.
- (e) There have been continual problems with space and funding for space. We lost out top candidate for the CRC in Oceanography due to the inability to provide adequate lab space. This is a serious concern. We could allocate space in the new Ocean Science Building, but there is no

additional money for fit up. One floor and 2/3 of another are not finished. Becky asked about the status of funding for internal renovations for the LSC? Chris responded that there is no change. The additional million dollars for facilities renewal is slated to be cut from the University budget for 2013-2014. Ken Burt says the money is still available, however the whole process of capital projects is being revised. Dan and Chris are still waiting to hear how things are going to move forward. The next necessary project is the loading dock and mobilization area. This will eat up all of the available budget for the next while.

S 12/13.02.04

Question Period

None.

S 12/13.02.05

Items from Faculty Council

(a) Ocean Sciences Program

Chris reminded members that the BSc in Ocean Science has gone through Faculty of Science and Senate. When it reached MPHEC they came back with concerns on how the new program would link to the existing program. There was approval at Faculty Council to get rid of the previous combined honours program.

Motion:

The Faculty of Science approves the addendum to the BSc Ocean Science Program that terminates the current Combined Honours with Oceanography degrees as of July 1, 2014.

Approved.

(b) Integrated Science Program

Chris explained that attached is a report on the structure and modification to DISP.

Motion:

The Faculty of Science approves the name change of the program to Integrated Science Program and also approves the attached changes.

Approved.

(c) Revised Terms of Reference for Unit Reviews (2)

Swapan explained that the changes involved were that it was desirable to have the Unit Reviews and the Program Reviews overseen by the same person. Therefore the Associate Dean in charge of Unit Reviews will also be in charge of Program Reviews. The other change is more a matter of wording to make the language used in the Terms of Reference for Program Reviews to be the same as in Unit Reviews.

Motion:

The Faculty of Science approves the changes to the Rules and Procedures for Program Reviews.

Approved.

The second change has been withdrawn.

(d) Revised Terms of Reference for Nominating Committee

Swapan explained that this was driven by the fact that there didn't seem to be a limit to the term of the Chair and the role of the designate of the Dean was not very clear. Also, the Chief Librarian has been replaced with Head Librarian.

Motion:

The Faculty of Science approves the changes in the Rules and Procedure for the Nominating Committee.

Approved.

S 12/13.02.06

Ratification of committee members

The following members were ratified:

2012/2013 Promotions and Tenure

Tom Duck, Physics and Atmospheric Science

2013/2014 Senate

David Byers, Biochemistry & Molecular Biology

Patricia McMullen, Psychology

Economics Chair Advisory Committee

Bruce Smith, Mathematics & Statistics

Boris Worm, Biology

Economics Internal Unit Review Committee

John Cameron, International Development

Iraj Fooladi, Business Administration

Mathematics & Statistics Chair Advisory Committee

Peter Wentzell, Chemistry

Award for Excellence in Teaching

Tom MacRae, Biology

Honorary Degrees Committee

Courtney Ward, Economics

(Students)

Economics Internal Unit Review Committee

Alex Baker (Student Rep)

Undergraduate Research Committee

Ramz Aziz (Student Rep)

Award for Excellence in Teaching

Nicole Marshall (Student Rep)

Zainab Shahtaj (Student Rep)

Faculty of Science

Emma Herrington (Student Rep)

Haley Guest (Student Rep)

Eric Dilcher (Student Rep)

Siobhan McGoldrick (Student Rep)

Curriculum Committee

Clair Evers (Student Rep)

Tori Taylor (Student Rep)

Nominating Committee

Ramz Aziz (Student Rep)

Writing Across the Curriculum Committee

Taylor Samson (Student Rep)

First Year Timetable Committee

Emma Herrington (Student Rep)

Motion:

The Faculty of Science approves and ratifies the above list of names.

Approved (Rotermund/Dilcher)

S 12/13.02.07

A. O. B.

By Chris Moore:

- (a) The new Dean of Agriculture will be David Gray. He is currently the Director of the Marine Institute in the Shetland Islands. He has also served this role at the University of Derby and the University of Western England. He is really keen on developing links to science, particularly around aquaculture. His campus has a lot of expertise with this and it is a good choice for the Faculty of Science due to his experience and background.
- (b) There have been two calls for Strategic Initiatives money. The Faculty of Science will be collaborating with the Center for Learning and Teaching for the development of online courses for Psychology and Economics. These two departments lose 150-200 transfer credits each year. If we can recapture some of these numbers it will be well worth it for us. We are also going to put in a proposal for the Medical Science Program to recoup some start-up costs. The deadline is a while off, but we need to start thinking about priorities in Science. They are interested in things that capture the interest of more than one Faculty. Harm asked if there was space for the

development of an online course for first year Physics. Chris responded that Psychology and Economics will probably eat up the budget this year, but if there is a business plan it might be worth looking at.

By Marlon Lewis: Regarding the Research Accountability Agreement which comes into force on Monday, there are several issues that are raised. This imposes on Faculty an obligation to comply with the Canadian Controlled Goods Policy. There is a whole section on how to vet students and it looks like we should be keeping items that fall under this policy under lock and key. Dalhousie is registered with them so there must be a designate office. He requested that they come to a future meeting and discuss the ramifications of this policy. Chris responded that he first heard about this at DRAC and that it would be a requirement for all new grant holders. There has been a lack of communication on this and he will bring the drafters to a future Faculty Council meeting.

By Joe Zwanziger: He is on a working group for the replacement of Scantron by Clickers. They had their first meeting and it seems clear that ITS is very much in favor of replacing the current system with Clickers. He had people in Chemistry look into alternatives and you can buy a software package from Remark to design your own bubble sheets that could be scanned on any scanner for \$1000. There seems to be many other ways that are cheaper than to go the Clicker route.

By Harm Rotermund: Tom Duck has received an award from Engineering students as the most appreciated professor in first year.

The meeting adjourned at 12:39 p.m.

Chris Moore (Dean & Chair)

Danielle Wood (Secretary)

Item 7a - Revision to the Terms of Reference for the Undergraduate Research Committee

Excerpt from the April 11, 2013 Faculty Council Minutes

FC 12/13.08.06 Revision to Undergraduate Research Committee Terms of Reference

Chris explained that the URC is a standing committee that basically oversees the allocations of awards to undergraduates. The main activity is the allocation of USRAs and some endowed summer scholarships. They are also responsible for allocating money to students for travel to conferences. As a result of the Dalhousie-BIOS endowment there is also some money available for dispersal. The following changes are suggested:

- (1) Representation of the Faculty of Science and its departments on the various Science Atlantic (changed from APICS) committees, both disciplinary and cross disciplinary.
- (2) The allocation of Faculty of Science summer research scholarships, including NSERC undergraduate research awards, Laing awards, Sobey (added), and Warr awards.
- (3) Consideration of request from undergraduate's societies in support of travel to and attendance of specifically undergraduate science research conferences, such as those held by Science Atlantic (changed from APICS).
- (4) A subcommittee comprising the Chair and the representatives from Biology and Oceanography will allocate scholarships for graduate and undergraduate students made possible through the Dalhousie-BIOS endowment. (All new).

Approved (Klein/Rotermund).

Item 7b - Revision to the Unit Review Terms of Reference

Excerpt from the April 11, 2013 Faculty Council Minutes

FC 12/13.08.07 Revision to Unit Review Terms of Reference

Swapan explained that this was brought earlier to Council and was approved. However certain things in the minutes had to do with wording instead of the substantive issues. There had been a recent problem where the Unit Review Committee ended up with only one member from the Faculty of Science. The remaining members were from other Faculties. The intent is to ensure that there is always a majority of the members from the Faculty of Science. The Rules and Procedures should read as follows (changed parts are highlighted and underlined):

Section 2(b) of Appendix V of the Rules and Procedures, titled Selection should read as follows:

The Unit to be reviewed shall be notified of the upcoming review by the beginning of the academic year, i.e. no later than 1 July, in which the review is to take place. **The Unit shall submit two preliminary lists, one of at least eight names of faculty members intended for the Nominating Committee of the Faculty of Science and another list of at least six names of faculty members intended for the Faculty of**

Graduate Studies. These lists are to be submitted to the Associate Dean overseeing the Unit Review process no later than 1 September. Two of the four faculty members shall be nominated by the Nominating Committee of the Faculty of Science (**selected from the list of at least eight names submitted by the Unit**) **by 15 October**, if need be, with the assistance of the Associate Dean. The remaining two members shall be nominated by the Faculty of Graduate Studies (**selected from the list of at least six names submitted by the Unit**). The student member shall be nominated by the Dalhousie Science Society. The nominee should have successfully completed five full credits beyond the first year in a program in the Faculty and should not be currently registered in a program in the Unit under review. The nominee must be ratified by Faculty and shall serve at the pleasure of the Dalhousie Science Society. The nominee will be expected to participate fully in all of the activities of the Unit Review Committee on a regular basis.

The Committee, selected as indicated above, must be agreeable to the Faculty of Science and to the Faculty of Graduate Studies.

For obvious reasons, the following criteria ought to govern the selection of faculty nominees by the Faculty of Science and the Faculty of Graduate Studies:

- i. They shall not be members of the unit under review;
- ii. They shall be tenured members of faculty
- iii. One nominee from another faculty or appropriate institution may be selected. **This restriction shall apply to the joint list of nominees from the Faculty of Science and the Faculty of Graduate Studies.**

The Associate Deans of the two Faculties will be expected to coordinate matters to ensure that the selection process observes these guidelines.

Motion:

The Faculty Council approves the above changes to the Rules and Procedures of the Unit Review Committees (Dasgupta/Jamieson). **Approved.**

Faculty of Science

Ratification of Committee Members

Chemistry Chair Advisory Committee

Sean Barrett (Psychology)

Anna Metaxas (Oceanography)

Ted Monchesky (Physics and Atmospheric Science)

Earth Sciences Chair Advisory Committee

Robert White (Chemistry)

2013/2014 Science Outreach Committee

Kevin Hewitt (Physics and Atmospheric Science)

2013/2014 Admissions Committee

Peter Selinger (Mathematics & Statistics)