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# FACULTY OF SCIENCE

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## COUNCIL OF THE FACULTY OF SCIENCE

### **Notice of Meeting**

**Tuesday, October 8, 2013**

**at 3:00pm – 4:30pm**

**306 Lumbers**

### **Agenda**

1. Call to Order and Approval of Agenda
2. **Special Presentation** by Robert Hache, Vice President, Research and Innovation: York Research Chairs
3. Chair's Remarks
4. Minutes of September 10, 2013 meeting
5. Business Arising
6. Dean's Report to Council
7. Associate Deans' and Bethune Master's Remarks
8. Reports from Science Representatives on Senate Committees
9. Reports from Standing Committees of Council
  - Executive Committee's Vacancies Report on Senate and FSc Committees (item for action)
  - Curriculum Committee (Consent Agenda)
  - Appeals Committee (item for information)
  - Petitions Committee (item for information)
10. Inquiries and Communications
  - Senate Synopsis: September 26, 2013 (items for information)
  - **Special Presentation** by Andrea Kosavic, Digital Resources Librarian: Update on Open Access publishing
11. Other Business

## York Research Chair Program Proposal

York University is committed to meeting the priorities articulated in the White Paper and the University Academic Plan including strengthening academic quality, student success and community engagement. The Strategic Research Plan has been developed to help advance these priorities and identifies research intensification as a key goal that broadly enriches the Institution. As articulated in these documents, our research, scholarship and creative activities enhance the quality of our academic programs and the student learning experience through curricular innovation and research opportunities for students, and the sharing of knowledge with community partners to empower a new generation of entrepreneurial, socially conscious Ontarians with the critical skills to guide our province to a world-leading sustainable future.

In order to achieve the objective of research intensification, it is essential that our faculty members are supported for their scholarly, research and creative activities. Among other initiatives, broad-based assistance is offered for faculty members applying for grants as well as the administration of research projects, support and feedback is provided for multidisciplinary, large-scale projects, research partnerships are facilitated, and there is a recently expanded program for research-based teaching releases.

Developing research chairs is another way for the University to expand its support of research and to make York competitive as a destination of choice for top quality faculty. In addition to endowed chairs and Canada Research Chairs, it has become common for universities to establish a term-based chairs program intended primarily for internal candidates (i.e., including potentially an award to a planned tenure stream appointment) to complement and enhance other research programs.

This proposal thus sets out the terms and procedures for York Research Chairs (YRCs) intended as an internal term-based research support program for established faculty research leaders and more junior emerging research leaders that will enable and enhance York's research success and international recognition for its research achievements.

They are envisioned as an internal twin for the national Canada Research Chairs program, to broaden and deepen the impact of research chairs at York in building and intensifying world-renowned research across the institution. Thus the level of support and recognition provided to York Research Chairs is expected to be aligned with supports and recognition provided through the Canada Research Chair (CRC) program.

York Research Chairs will be awarded competitively based on criteria of excellence in research and scholarship, and contributions to research leadership. They are expected to broadly to support research

in all areas and disciplines, with the role of Chairs expected to be addressed in Unit, Faculty and Institutional Research Plans.

York Research Chairs would be available at two levels analogous to CRC chairs. Tier I York Research Chairs are open to established research leaders at the rank of Full Professor. Tier II York Research Chairs are aimed at emerging research leaders within 15 years of their first academic appointment and at the rank of Assistant or Associate Professor. Both will have 5-year terms that are renewable in the context of open competition based on peer review and the continuing availability of resources. Expectations for YRC candidature are set to meet or exceed those for CRC candidates and applications will utilize CRC templates modified to suit the internal nature of the program.

York views its investment in York Research Chairs as an essential component of its coordinated effort to promote the intensification of research. YRCs are expected to be complemented in their deployment by Canada Research Chairs, endowed research chairs and York research professorships as well as other programs.

While the primary intent for YRCs is to recognize and enable internal research excellence, as an outward-looking institution seeking to grow its international reputation for research, external candidates (i.e., as an enhanced provision in the case of a planned tenure stream hire) will not be excluded from consideration<sup>1</sup>.

### **Investment and Distribution of York Research Chairs**

The York Research Chairs program will provide explicit time-limited strategic investments in building research capacity amongst existing Faculty complement in areas of research excellence and opportunity. The program will ramp up over a five year period to a total of 20<sup>2</sup> chairs. It may also be possible for Faculties to develop additional chairs, based on the availability of funding and subject to approval by the Provost.

The Vice President Research and Innovation is charged, in consultation with the Provost and Faculties, with developing standards and expectations for York Research Chairs and for hosting Institutional-level review of Chair nominations.

York is committed to equity and the promotion of minority groups, women and people with disabilities. Therefore, it is expected that the Chair selection process will be proactive in acknowledging differences in the career paths and career development for women, minority faculty and faculty with disabilities so as to achieve an appropriate balance.

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<sup>1</sup> External candidates refers in this context to new recruits hired in accordance with all of the University's procedures and practices for the hiring of faculty members

<sup>2</sup> A total of 20 centrally subsidized chairs will be available in the program. The normal expectation is that 2 Tier I and 2 Tier II YRCs will be available in open competition annually.

## **Solicitation and Review and of York Research Chairs**

York Research Chairs will be awarded on a competitive basis based on the excellence and demonstrated leadership of the candidates. Annually, the VPRI will coordinate a YRC competition based on the nomination of candidates by the Faculties. The VPRI and Provost will invite Faculties to nominate York faculty members in accordance with Faculty nomination processes governed by all applicable Faculty policies and practices, and according to a procedure to be established by the Faculty. It is minimally expected that a Faculty-level committee will review nominations and forward recommendations to the Dean who will submit a final slate to the VPRI and Provost.

Nominations will be submitted according to the CRC application template, with modifications to suit internal requirements. It is highlighted that Faculties must be realistic in their expectations and only nominate their highest performing scholars<sup>3</sup>. They should also be cognizant of the number of YRCs available in a given cycle in determining their nominations. Where Faculties make more than one nomination in a category (Tier I or Tier II), they will be asked to rank their nominees and provide a rationale for their ranking. For all nominations, Faculties will be asked to explain how the nominee meets the expected recognition and profile for York YRCs.

The VPRI receives the nominations and will solicit advice in considering the submissions. Approval of chair nominations will occur through the University CRC chair selection committee, composed of: the VPRI, the Associate Vice Presidents Research, the Provost, the Dean of the Faculty of Graduate Studies, and the Chair of APPRC, and the Affirmative Action Director. The selection committee will make a recommendation on the opportunity to apply for a CRC chair for approval by the President.

Feedback, explaining decisions will be provided to all nominees and their Faculties.

## **Expectations for York Research Chairs**

Tier I York Research Chairs at York University are identified and recognized leaders of scholarship, research and creative activities (SRCA). Tier II Chairs are identified and SRCA emerging leaders. As such, there is an expectation on the part of the University that York Research Chairs will exhibit leadership in promoting the overall development of SRCA at York that extends beyond their personal research programs.

Thus Tier I Chairs are expected to be active SRCA mentors within their units and disciplines and to provide leadership in the development of large-scale strategic research projects and/or other programs appropriate to their discipline.

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<sup>3</sup> While it is natural to expect that at least some of York's maturing Tier II Canada Research Chairs will meet the criteria for YRCs, it is stressed that Faculties should nominate their top performing candidates regardless of previous research chair benefits they may have received at York and that maturing CRCs should neither be advantaged nor disadvantaged in the nomination process.

Tier II Chairs are expected to contribute to and participate in similar activities in a manner that builds and develops their SCRA leadership skills over the period of their chair.

All York Research Chairs are expected to be highly active in the training of graduate and postdoctoral trainees, and to provide leadership in the development of graduate and postdoctoral training programs within their disciplines. Chairs are also expected, as appropriate, to be sensitive to the importance of translating their scholarship, research findings and/or creative activities into tangible benefits to society through the translation and mobilization of the knowledge developed through their scholarship, research and creative programs.

Recognizing that York's external reputation and research standing depends to an important degree on our share of Tri-Council funding, York Research Chairs are strongly encouraged to be active beneficiaries of Tri-Council funding, and to seek out other funding opportunities, as may be appropriate to disciplines and opportunities.

York University prides itself on being comprehensive in its approach to education and in the contact of all faculty with undergraduate and graduate students. At the same time York offers a number of means through which research intensity beyond normal expectations can be recognized through provision of teaching release time. Thus, York Research Chairs will normally be expected to receive teaching release equivalent to 50% of the normal teaching load in their home Faculty as part of their Chair package. However, the sum total of teaching release for York Research Chairs may not exceed an amount that reduces their total teaching expectations below a course load of 1.0. This minimum student contact expectation may be expected to be divided equally between undergraduate and graduate assignments. Responsibility for funding the teaching release will lie with the home Faculty.

### **Expectations for Faculties and Units**

Faculties and Units are expected to provide York Research Chairs with enhanced physical and HR supports for the successful development of their research programs for the duration of their terms.

### **Guidelines for Additional York Research Chair supports<sup>4</sup>**

For the duration that recipients hold the position, Tier I York Research Chair holders will be provided with a minor research grant of \$25,000 to be employed in support of their research program and research leadership activities.

For Tier II Chairs, \$20,000 will be provided annually to the chair as a minor research grant to be employed in support of their research program and research leadership activities. For researchers successful in obtaining an Early Researcher Award (ERA), the minor research grant will be used as a contribution towards meeting the institutional matching contribution to the award.

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<sup>4</sup> Additional Tier I and Tier II YRC supports, while ultimately the responsibility of the Faculty, will be subsidized by the VPRI. The level of the subsidy may vary from time to time, but will be publicized in advance.

There is also an allowance for flexibility in the application of the stipend for Tier I and Tier II chairs to meet the needs of individual Faculties.

External York Research Chair recruits may also be prioritized for CFI Leaders Opportunity Fund applications as required, with the same expectations as for incoming Canada Research Chairs (maximum LOF of \$200,000 for Tier I Chairs, \$125,000 for Tier II Chairs). In all instances the hiring Faculty will be responsible for providing any outstanding matching funds required to meet the LOF program requirements.

Internal York Research Chairs are also eligible for CFI LOF participation, but will not be prioritized.

### **Linkage to Advancement Opportunities**

As focal points for the best in individual SRCA at York and its translation to the benefit of society, York Research Chairs present advancement opportunities to bring together community interests with cutting-edge research. Thus Faculties are encouraged to articulate their York Research Chair goals and to develop support structures and long term plans for their York Research Chair holders through the development of naming opportunities, term support, scholarship and fellowship, among others.

### **Renewal and Career Planning**

York Research Chair renewal is subject to open competition and dependent on the continuing availability of resources. Thus Faculties and Units are expected to work closely with Chair Holders to provide for appropriate expectations and to be proactive in planning for the transitioning of faculty to and from York Research Chair positions.

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# FACULTY OF SCIENCE

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## COUNCIL OF THE FACULTY OF SCIENCE

### Minutes

**Tuesday, September 10, 2013  
at 3:00pm – 4:30pm  
306 Lumbers**

**Attendance:** W Booth, D. Golemi-Kotra, P.B. Hall, S. Morin, P. Potvin, R. Tsushima, P. Delaney, J. Amanatides, Y. Gao, E. Hamm, E.A. Hessels, R. Jarrell, T. Kirchner, K. Kroker, P. Lakin-Thomas, I.K. Maimets, T. Salisbury, W. Taylor, W. Tholen, W. Van Wijngaarden, S. Martelli, H. McLellan, C. Bergevin, M. Caplan, P. Cribb, D. Hastie, A. Mills, M. Yousaf, A. Zayed, D. Jackson, J. Steprans, T. Cuddy, S. Siyakatshana (Assistant Secretary)

#### **1. Call to Order and Approval of Agenda**

The Chair of Council, Professor Patrick Hall, called the meeting to order. The agenda was adopted with a minor change that the Librarian's presentation would be made before the presentation by Rhonda Lenton and Gary Brewer only if time permitted.

#### **2. Chair's Remarks**

The Chair of Council welcomed members to the Council meeting.

#### **3. Minutes of September 10, 2013 meeting**

It was moved, seconded, and carried that the Minutes of September 10, 2013, be approved.

#### **4. Business Arising**

There was no business arising from the Minutes.

#### **5. Dean's Report to Council**

Dean Hastie thanked Professor Hall for taking on the position of Chair of Council for the 2013-2014 academic year.

He also extended a special welcome to the new faculty members who were attending Council for the first time.

He reported that the Faculty of Science was now being governed under the new Council rules. He added that the new rules increased faculty involvement in the decision making process.

The Dean noted that work was underway to complete the membership nominations for all Standing Committees. He expressed gratitude to all members participating on the various committees for their support in advancing the work of the Faculty of Science.

The Dean referred to the enrolment summary which showed an increase in the enrolment numbers, but that did not meet the University's target numbers. He noted that the Office of Student Academic Services had done an immense service to try and improve the enrolment numbers. The long term goal was to have stronger numbers across all breaths of departments.

He informed Council that the central administration had been very supportive to our faculty by approving new hires. Currently, four searches were under way.

Dean Hastie announced that the Faculty of Science will be celebrating the 50th anniversary in January 2015. Communication would be sent via email to solicit ideas to mark the anniversary. All faculty members were encouraged to provide their input.

## **6. Associate Deans' and Bethune Master's Remarks**

Associate Dean Cribb reported that the student enrolment numbers for Science were a little below target. He noted that these numbers normally have a slight increase by the winter term. He announced

that the Ontario University Academic Fair will be held on September 27, 28 & 29, respectively. In order to increase the student numbers, it is important that there be a strong faculty presence at the fair. He added that the Committee on Teaching and Learning was active in continuing with the Speaker Series in enhancing the teaching and learning in sciences. The plan is to develop an e-learning strategy for faculty and this will involve wide consultation.

Council expressed concern at the low enrolment numbers. The Associate Dean clarified that the enrolment numbers were low across the whole university.

Associate Dean Morin, provided Council with an update on faculty training on health and safety, prevention of violence and harassment in the workplace. The goal was to have most faculty members trained in these areas by mid next year.

With respect to advertising for the faculty searches, these would be on the York website the next day or so. She requested faculty to advertise these as broadly as they could.

She announced that her office will be hosting a welcome lunch for all the new faculty hires. Their mentors will also be invited to this event.

Associate Dean Tsushima provided an update on the adjudication for Vanier Scholarship. He noted that there has been low participation across the university.

Some members of Council expressed concern over the lack of adequate announcements for some of the awards.

The Master of Bethune College, Professor Amanatides reminded Council that the orientation was now taking place. He added that



there was a Journal Club, which talks about science and education and science educators starting next Wednesday, September 18, 2013, at 11:00am – 12:30pm, at Bethune. Lunch will be provided and members had to confirm their attendance with Professor Tamara Kelly.

He also informed Council that he will be attending departmental meetings in the future to talk about Bethune support programs. He added that he would also talk about the academic initiatives for first year students.

#### **7. Reports from Science Representatives on Senate Committees**

There were no reports.

#### **8. Reports from Standing Committees of Council**

Executive Committee's Vacancies Report on Senate and FSc Committees were approved with the following amendments:

- M. Hempstead's name to be removed from the Appeals Committee as he chairs the Petitions Committee.
- R. Tsushima's name to appear under the Appeals Committee

The Executive Committee will process the remaining vacancies. Student Caucus representatives for the various Standing Committee were approved. The Assistant Secretary of Council was to update the list.

Council noted the update on the Dean Search Committee.

Reports from the following Standing Committees were noted, deemed approved and disposed of:

- Research and Awards Committee
- Senate (T&P) Review Committee

- Committee on Teaching and Learning

#### **9. Inquiries and Communications**

Senate Synopsis of May 23, 2013 and June 27, 2013 were noted by Council.

A motion was moved, seconded and carried to extend the meeting by 30 minutes.

#### **Special Presentation to Faculty Councils Fall 2013: by Rhonda Lenton, Vice-President Academic & Provost and Gary Brewer, Vice-President Finance & Administration**

Rhonda Lenton presented to Council a summary of the university's external context, the successes, challenges and plans in place to move the academic plan forward. She also provided information on the Academic and Administrative Prioritization Exercise as it relates to the budget. Rhonda emphasized on the need for York to regain its market share with respect to first year student enrolments. She observed that if nothing is done now it will be extremely difficult to regain and improve our reputation.

She noted that the university was experiencing difficulties recovering from the 2008 economic downturn as it had a huge impact on our endowments, pension fund and the budget. She however, added that measures were in place to balance the budget through among other things budget cuts across the University.

Gary Brewer presented a detailed report of the university budget. He explained the incremental changes of revenues throughout the years received from tuition fees. He explained the gap between the revenue generated over the years and the increase in expenditures which is unsustainable. He also explained how the financial markets

are affecting our pension fund and endowments. York does not have a balanced budget; the University had a balanced budget based on borrowed money.

In order to deal with the current challenges, the University was engaging the services of an external consultant. A task force comprising of academic and administrative staff will work with the consultant in order to evaluate our academic and administrative programs and prepare a detailed report. Council noted that this task force will not include any senior administrators. Provost Lenton outlined to Council the timelines of this exercise. The goal was to balance the budget by 2017-2018.

Another motion was moved, seconded and carried to extend the meeting by 15 minutes.

A discussion ensued immediately after the presentation.

The presentation: Ilo-Katryn Maimets: Librarian, Library Resources and Services was postponed to a later date due to time constraints.

#### **10. Other Business**

There was no business arising.

It was moved, seconded and carried to adjourn the meeting.

P. Hall, Chair of Council

Trevor Cuddy, Secretary of Council

S.Siyakatshana, Assistant Secretary of Council

## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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### **FOR ACTION**

The Executive Committee moves the following nominations. Additional nominations may be made from the floor of Council under Rule 34(a).

#### **Chair & Vice-Chair of Council** *(effective July 1st)*

Member	Department	Start Term	End Term
P. Hall, Chair	Physics & Astronomy	2013	2014
A. Mills, Vice Chair	Biology	2013	2014

**Rule 35.** Faculty representation on Senate shall include the Director of Natural Science and three Department Chairs. Department Chairs on Senate shall serve three-year terms following a sequential rotation among departments, with one retiring and another beginning a term each year. The remaining faculty positions on Senate shall be for terms of three years and in each year approximately one-third of the membership shall retire and be replaced by election from a slate of names presented by the Executive Committee. Such a slate may be augmented by names nominated from the floor and may include Department Chairs not currently serving as one of the three entitled positions referred to above.

#### **Senate Representatives** – *continuing elected members*

Member	Department	Start Term	End Term
D. Hastie	Office of the Dean	2013	Permanent
D. Golemi-Kotra	Chemistry	2013	2016
K. Hudak (1 year remaining)	Biology		2014
G. Monette (2yrs remaining)	Maths and Stats		2015
A. Kumarakrishnan (2 year term remaining)	Physics & Astronomy		2015
P. Delaney	Natural Science(Director)	2013	Permanent
M. N. Yousaf	Chemistry(Chair)	2013	
J. Steprans	Mathematics(Chair)	2013	
M. McCall	Physics & Astronomy (Chair)	2013	
S. Benchmol	Biology (Chair)	2013	

# 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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## Current FSC Representatives on Senate Committees:

E. J. Janse van Rensburg - Academic Policy, Planning and Research Committee (APPRC, 2013 -2014)
K. Hudak - Senate Executive (2011 - 2014)(must be a Senate Representative)
M. Organ - Honorary Degrees and Ceremonials (2013-2016)

We have 10 seats with a minimum of 3 Chairs, Dean, Director of Natural Science and 5 faculty.

## 1. TERMS AND CONDITIONS OF COMMITTEES

**Rule 25:** The following shall be the Standing Committees whose duties shall be defined by the Council from time to time. *Ex officio* members shall be non-voting. Chairs or their designates are departmental representatives on some Council committees such as the Science Curriculum Committee. In such cases, Chairs or their designates are not considered *ex officio*. Standing committees will report on at least a yearly basis to Council.

**Rule 34(a)** The Executive Committee shall be chaired by the Chair of Council and include the Vice-Chair of Council, the Secretary of Council, and one member elected from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy, and Science and Technology Studies/Natural Science, the Dean of the Faculty of Science (*ex officio*), one student member of Council, and one of the staff members elected to Council.

The Executive Committee shall normally approve agendas prior to Council meetings and the processes by which matters of importance to the development of the Faculty will arrive on that agenda.

The Committee will seek candidates to serve on Council and its sub committees when vacancies occur. Additional nominations may be made from the floor at Council. The results of the nominations shall be effective the following July 1<sup>st</sup>, except for the Committee on Examinations and Academic Standards and the Petitions Committee, which shall have their membership changed effective October 1<sup>st</sup>.

## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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### Executive Committee (effective July 1st)

Member	Department	Start Term	End Term
J. Clark	Biology	2013	2015
M. Yousaf	Chemistry	2013	2016
N. Madras	Mathematics & Stats	2013	2014
S. Jerzak	Physics & Astronomy	2013	2016
R. Jarrell	Natural Science & Stats	2013	2016
D. Hastie	Dean, ex officio	2013	Permanent
P. Hall	Chair of Council	2013	Permanent
A. Mills	Vice-Chair of Council	2013	Permanent
T. Cuddy	Secretary of Council	2013	Permanent
M. Huroy	Student Representative of Council	2013	2014
M. Caplan	Staff member elected to Council	2013	2014

*Chair: P. Hall*

*Secretary: S. Siyakatshana*

*NB: N. Madras on Sab. Leave starting 2014-2015*

**Rule 34(b)** The Academic Policy and Planning Committee shall include the Dean or designate (*ex officio*), the Master of Norman Bethune College and one member elected from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy, and Science and Technology Studies/Natural Science, one student member of Council, and one of the staff members elected to Council.

### Academic Policy and Planning Committee (effective July 1st)

Member	Department	Start Term	End Term
S. Benchimol	Biology	2013	2016
M. Yousaf	Chemistry	2013	2016
J. Steprans	Maths & Stats	2013	2015
P. Delaney	Natural Science/STS	2013	2015
M. McCall	Physics & Astronomy	2013	2014
John Amanatides	Master of Bethune College	2013	Permanent
D. Hastie	Dean(ex officio)	2013	Permanent
H. Tahmasebi	Student Representative of Council	2013	2014
VACANT	Staff Representative elected to Council	2013	2014

*Chair: S. Morin*

*Secretary: S. Siyakatshana*

## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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**Rule 34(c)** The Curriculum Committee shall include the Dean and an Associate Dean (*ex officio*), the Chair or nominee from each teaching Division or Department, three members elected by Council and two student members of Council.

### Science Curriculum Committee - Continuing Elected Members:

Member	Department	Start Term	End Term
T Kelly	Biology		2015
W. van Wijngaarden	Physics & Astronomy	2013	2016
Jorg Grigull	Maths & Statistics	2013	2014
<b>Other Members:</b>			
P. Lakin-Thomas?	Biology (replacing M.Crerar's sabbatical)		2015
P. Potvin	Chemistry	2013	2016
S. Chamberlin	Maths & Statistics	2013	2014
R. Bello	Geography	2013	
R. Dyer	NATS/STS	2013	2016
C. Storry	Physics & Astronomy	2013	2016
D. Hastie	Dean, Ex officio	2013	2014
P. Cribb	Associate Dean, Ex officio	2013	2014
R. Pulgarin	Student Representative of Council	2013	2014
R. Rahman	Student Representative of Council	2013	2014

----- (1 yr. repl. for N. Cercone (on sabbatical) (Ret. 2014)

Chair: P. Cribb

Convener: P Cribb

Secretary: J. Pearson

**Rule 34(d)** The Committee on Examinations and Academic Standards shall consist of an Associate Dean (*ex officio*), five members elected by Council from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy and Science and Technology Studies/Natural Science, and one student member of Council.

In addition to the above membership of the committee, Council shall elect an alternate member from each of the Departments specified above. The alternate member shall be the person polling the next highest number of votes to those elected to the committee from each Department. The alternate for the student member will be selected by the Science Student Caucus from one of its Members at Large. An alternate can only vote in the event that first elected members are not in attendance.

## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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**Committee on Examinations and Academic Standards** (effective Oct. 1st), Alternate member to be elected for each Unit

Member	Alternate	Department	Start Term	End Term
R. Quinlan	T Kelly	Biology		2014
G. F. Audette	A. Orellana	Chemistry	2013	2016
N. Purzitsky	J. Grigull	Maths & Stats	2013	2016
W. van Wijngaarden & B. Quine	B. Quine & W. van Wijngaarden	Physics & Astronomy	2013	2014
M. Armour	P. Delaney	NATS/STS	2013	2015
A. Qudrat	R. Rahman	Student Representative of Council	2013	2014
P. Cribb	n/a	Associate Dean, ex officio	2013	2014

Co-Chairs, R. Quinlan  
& **VACANT**

Secretary: J. Pearson

*NB: Professor van Wijngaarden will be on the committee in the Fall, and Professor Quine will tentatively be on the Committee in the Winter. Ben Quine to be the alternate for CEAS in the Fall, and William van Wijngaarden to be the alternate for CEAS in the Winter.*

**Rule 34(e)** The Petitions Committee shall consist of an Associate Dean (*ex officio*), six members of Council, and two student members of Council. A quorum shall consist of either (a) three faculty members and one student member or (b) four faculty members.

**Petitions Committee** - Continuing Elected Member (effective Oct. 1st)

Member	Department	Start Term	End Term
N. Nivillac	Biology	2013	2014
Julie Clark	Biology		2014
J. Elwick	Natural Science/STS	2013	2015
B. Van Rensburg	Maths & Stats	2013	2015
M. Hempstead	Chemistry		2014
A. Mills	Biology		2014
P. Cribb	Associate Dean, ex officio		Permanent
A. Kazemi	Student Representative of Council	2013	2014
<b>VACANT</b>	Student Representative of Council	2013	2014

Chair: M. Hempstead

Convener: P. Cribb

Secretary: G.I. Thomson

## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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**Rule 34(f)** The Appeals Committee for the purpose of hearing student appeals shall consist of four elected faculty members from Science units, an Associate Dean (*ex officio*) and two student members of Council. A quorum shall consist of either (a) two faculty members and one student member or (b) three faculty members.

### Appeals Committee

Member	Department	Start Term	End Term
S. Menary(Fall), E. Hessels (Winter)	Physics & Astronomy	2013	2016
VACANT	Chemistry	2013	2016
D. Lungu	Natural Science/STS	2013	2015
S. Chamberlin	Maths & Stats	2013	2015
R. Tsushima	Associate Dean, ex officio	2013	Permanent
M. Malhotra	Student Representative of Council	2013	2014
V. Sparrow-Dounes	Student Representative of Council	2013	2014

Chair: R. Tsushima

Secretary: John Pearson

*\*\*Stephen Chamberlin will be on leave of absence for July and August (sudden decision). That's probably okay for Curriculum, but it may be a problem for summer meetings of Appeals (as per Chair).*

**Rule 34(g)** The Committee on Tenure and Promotions shall consist of one currently tenured member from each of Biology, Chemistry, Mathematics & Statistics, Physics & Astronomy and Science and Technology Studies/Natural Science elected by Council, and one student member of Council. No member of the Committee shall be a member of another Tenure and Promotions Committee at any time during their tenure on this committee.

In addition to the above membership of the committee, Council shall elect an alternate member from each of the Units mandated above. The alternate member shall be the person polling the next highest number of votes to those elected to the committee from each Department. The alternate for the student member shall be selected by the Science Student Caucus from one of its Members-at-Large on an annual basis. An alternate can only vote in the event that existing members are not in attendance.



## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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**Committee on Tenure and Promotions** - *elected tenured member, Alternate member to be elected for each Unit*

Member	Alternate	Department	Start Term	End Term
K. Schneider	M. Scheid	Biology	2013	2014
D. Golemi-Kotra	P.G. Potvin	Chemistry	2013	2016
A. Chan	S. Watson	Maths & Stats	2013	2015
E. Jones-Imhotep	R. Jarrell	Natural Science/STS	2013	2016
R. Lewis	P. Hall	Physics & Astronomy	2013	2016
A. Abadeh	VACANT	Student Representative of Council	2013	2014

*Chair: D. Hastie*

*Secretary: S. Siyakatshana*

**Rule 34(h)** The Committee on Research and Awards shall consist of one member elected by Council from each of Biology, Chemistry, Mathematics and Statistics, Science and Technology Studies/Natural Science, and Physics and Astronomy, one student member of Council and an Associate Dean (*ex officio*) who will serve as the Chair.

**Committee on Research and Awards** - *elected by Council*

Member	Department	Start Term	End Term
A. Hilliker	Biology		2014
J. Chen	Chemistry		2015
Y. Gao	Maths & Stats	2013	2016
Chris Bergevin	Physics & Astronomy		2015
E. Hamm	Natural Science /STS		2015
R. Tsushima	Associate Dean, ex officio	2013	Permanent
S. Alipour-Nazari	Student Representative of Council	2013	2014

*Chair: R. Tsushima*

*Secretary: Jessica Vaisica*

**\*\*Need to ask of the 2015 retirees who is willing to extend as we need one of them to continue to 2016.**

## 2013 - 2014 Executive Committee Report of Vacancies on Senate and FSc Committees

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**Rule 34(i)** The Committee on Teaching and Learning shall consist of five faculty members, one undergraduate student and one librarian chosen in accordance with these rules. Additional members shall be the Associate Dean - Student Affairs, a Faculty graduate student, a Faculty staff member and other members as invited by the committee in June to serve one year terms for the following year. Graduate students and staff nominees will indicate their interest in serving on the committee in writing to the committee, who will then approve by majority vote.

### Committee on Teaching and Learning

Member	Department	Start Term	End Term
T. Kelly	Biology	2013	2016
Derek Jackson	Chemistry	2013	2016
N. Bartel	Physics & Astronomy	2013	2015
X. Gao	Maths & Stats	2011	2014
R. Jarrell	Natural Science/STS	2013	2015
I.K. Maimets (Librarian)	Stacie Science & Engineering Library	2013	Permanent
P. Cribb	Associate Dean, ex officio	2013	Permanent
M. Jeaneva	Undergraduate Student Representative	2013	2014
M. Hariri	Graduate Student	2013	2014
O. Girina	Staff Member	2013	2014

Chair: **VACANT**

Secretary: **VACANT**

York University

COUNCIL OF THE FACULTY OF SCIENCE  
**Report of the Science Curriculum Committee**  
October 2013

The Faculty of Science Curriculum Committee has reviewed proposals for changes to course information and degree requirements and recommends to the Executive Committee that the following changes be submitted to Council for approval.

Details regarding these proposals (and regarding other minor changes to Calendar/Repository course descriptions and prerequisites which were approved by the Committee but are not reported here) are included in the working papers September 24, 2013 meeting of the Curriculum Committee, which are on file for your inspection in the Office of the Dean, with all members of the Curriculum Committee or by contacting the Secretary of the Committee at [jpearson@yorku.ca](mailto:jpearson@yorku.ca)

I Course Retirement

- 7.2.1 SC/PHYS 4360 3.0 – Payload Design – retire/expire course
- 7.2.2 SC/PHYS 4361 3.0 - Space Mission Design – retire/expire course

II New Courses

- 7.2.3 SC/NATS 1580 3.0 Sun, Space Weather and Life on Earth
- 7.2.4 SC/STS 3400 3.0 Thinking with Things: Material Culture in Science and Technology Studies