



MEMORANDUM

To: Executive Committee of Faculty Council (November 2, 2015)
Faculty Council (December 8, 2015)

From: Professor Ted Sargent, Vice-Dean, Research
Chair, Research Committee

Date: October 21, 2015

Re: Report of FASE Research Committee: Goals and Plans for 2015-16

REPORT CLASSIFICATION

This is a routine or minor policy matter that will be considered by the Executive Committee for approving and forwarding to Faculty Council for information.

BACKGROUND

The Research Committee is comprised of the Associate Chairs-Research of the Departments of Chemical Engineering & Applied Chemistry, Civil Engineering, Electrical & Computer Engineering, Materials Science & Engineering, Mechanical & Industrial Engineering; and the Associate Directors-Research of the Institutes of Biomaterials & Biomedical Engineering and Aerospace Engineering.

The committee's mandate is to work together with chairs, directors and faculty members to help increase the capacity of our colleagues to carry out world-class research, and to translate research achievements into beneficial societal and economic impacts.

GOALS

In 2015-16, the committee will endeavour to

- Continue the Faculty's >7% year-over-year Tri-Council growth to reach its \$32M (revised upward from \$25M) goal for 2015-16
- Increase our success rates in ERA (Early Researcher Award), ORF-RE (Ontario Research Fund), CFI (Canada Foundation for Innovation), aiming for success rates that exceed Ontario and Canada average rates

- Increase participation, funding levels and success rates in NSERC Discovery Grant, CREATE (graduate training), SPG (Strategic Projects), and SRN (Strategic Research Networks). Many of these rely on increased industry-sponsored research, which in turn the Research Committee seeks to encourage through business development resources, assistance from RC members, networking events, and Best Practices panel sessions

A SAMPLING OF PLANS FOR 2015-16

1. NSERC DG: Develop a Faculty-wide the multi-stage multi-session DG peer review process.
2. ERA: Continue our (a) Panel (b) Early due date (c) Peer review completed at least three weeks in advance of submission date.
3. ORF-RE: Deploy Faculty Business Development capacity for maximal impact. Research Committee reaching to each PI to coordinate and support.
4. CFREF Medicine by Design (CFREF Phase I): Work with Executive Director to ensure active FASE participation including by early career faculty members.
5. CFREF Big Data (CFREF Phase II): Work with chairs and directors and RC to ensure FASE is contributing as the proposal crystallizes.
6. EMH Seed: Work with RC, Medicine by Design, TBEP (Translational Biology and Engineering Program), and Faculty of Medicine to solicit actively strong proposal from first-10-years faculty members. Holding development/partnership workshop November 3, 2015.
7. Industry partnerships development: Oct 29 noon panel for faculty members: How to attract industry-sponsored research. Industry partners reception November 18, 2015.
8. SPGs workshop on November 5, 2015 at 11 am.
9. Communicating FASE policy on Research Allowances to CRCs widely. Communicate the continued role of Tri-Council funding in growing our CRC complement, and also as one consideration in CRC nominations. Continue to communicate clearly that FASE is Tri-Council share-driven in CRC allocation decisions.
10. CREATEs: Best practices for CREATE applications panel for prospective applicants well in advance of LOI deadline. Remind prospective applicants and LOI-clearing applicants regarding MRPM Fund (and ~ few weeks lead time, departmental contribution, FASE potential match)