



UNIVERSITY OF TORONTO  
FACULTY OF APPLIED SCIENCE & ENGINEERING

*Cristina Amon, Dean*

2016-17/02

**MEMORANDUM**

**To:** Members of the Faculty of Applied Science & Engineering

**From:** Cristina Amon, Dean

**Date:** October 12, 2016

**Re:** **Announcement of Working Group to Create the Institute for Engineering Education**

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There has been an increasing focus on engineering education in our Faculty over the past few years, with a number of faculty engaged in the pedagogy. We have also seen teaching stream appointments remain constant, between 19-22 since 2010.

I believe the Faculty will be well served by the creation of an administrative home for current and future teaching stream faculty whose focus is on engineering education as well as, potentially, non-budgetary cross appointments. The Institute can also promote teaching and scholarship in this area, and house the existing Collaborative Program in Engineering Education.

Accordingly, after consultations with Chairs and Directors, we have established a Working Group to draft a proposal for the creation of the Institute for Engineering Education as an extra-departmental unit, type A (EDU:A). The terms of reference, process, timing and membership of the Working Group are provided below.

**Terms of Reference**

1. Consult deeply and broadly on the creation of the Institute, incorporating suggestions and clearly articulating the nature and outcome of that consultation
2. Describe the intended scope of activity of the proposed Institute and provide an academic argument for its creation
3. Clearly describe the academic focus of the Institute, including program delivery, research focus and other activity or programming
4. List the faculty who may be actively engaged in the proposed Institute
5. Articulate the duties of the Institute director, including policies and administrative operations
6. Describe expectations relative to the periodic review of the Institute

## **Process**

The Working Group will seek input from key stakeholders across the Faculty and University. Its findings will be documented in the form of a draft proposal to the Dean. If required, a motion based on the proposal (in its entirety or in modified form), will be submitted to Faculty Council and University governance for approval.

## **Timing**

1. Working Group created: October 2016
2. Meetings and consultation: October 2016 through January 2017
3. Report submitted to Faculty Council and University governance for approval: Spring 2017
4. Institute launched: July 2017

## **Membership**

I am grateful to the following individuals who have agreed to serve on the Working Group:

- Greg Evans, Professor, Department of Chemical Engineering and Applied Chemistry (Working Group Chair)
- Kamran Behdinan, Professor, Department of Mechanical and Industrial Engineering
- Jason Foster, Associate Professor, Teaching Stream, Division of Engineering Science
- Sean Hum, Professor, The Edward S. Rogers Sr. Department of Electrical and Computer Engineering
- Dawn Kilkenny, Assistant Professor, Teaching Stream and Associate Director, Undergraduate Programs, Institute of Biomaterials and Biomedical Engineering
- Brenda McCabe, Associate Professor, Department of Civil Engineering
- Elizabeth Smyth, Professor, Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education and Vice-Dean, Programs, School of Graduate Studies
- Micah Stickel, Associate Professor, Teaching Stream, The Edward S. Rogers Sr. Department of Electrical and Computer Engineering and Chair First Year
- Deborah Tihanyi, Associate Professor, Teaching Stream and Director, Engineering Communication Program

Members of the Faculty are invited to provide input on the creation of the Institute for Engineering Education by emailing [governance.fase@ecf.utoronto.ca](mailto:governance.fase@ecf.utoronto.ca).