

The University of Manitoba

Faculty of Engineering

TERMS OF REFERENCE

for the

Faculty of Engineering Award for Excellence in Engineering Education

January 2018

Faculty of Engineering Award for Excellence in Engineering Education

Terms of Reference January 2018

The Excellence in Engineering Education Award is established by the Faculty of Engineering to recognize exceptional contributions of professors and educators to the quality of teaching and learning. The award is based on achievements in one or more of the following categories:

1. Development of undergraduate and graduate courses and program engineering curricula
2. Research in engineering education: pedagogy, analysis, quality, outcomes assessment
3. Introduction and assessment of emerging teaching methods and teaching innovations
4. Integration of faculty research in undergraduate education
5. Enhancing the learning of students through numerical simulation and hands-on laboratories
6. Mentorship of students participating in national and international competitions
7. Facilitating challenging, engaging and stimulating classroom learning environment
8. Authorship of engineering textbooks
9. Leadership in engineering education: collaborations, national and international initiatives
10. Development and delivery of industry training programs

Eligibility

- Academic staff and instructors of courses offered by the faculty of engineering or courses in other faculties that are delivered primarily to engineering students are eligible for this award.
- Individuals will be eligible to hold this award only once every five years.
- Each nominee must have a minimum of three years of University teaching experience.

Process

Nominations should be submitted to the Dean of Engineering no later than March 1 in an academic year. Nominations may be made on behalf of individuals or groups, and should include the following

- Resume of the nominee or group of nominees.
- One-page statement articulating the achievements of the nominee in the area of Engineering Education.
- Where appropriate, supporting documentation and evidence of contributions, for example, selected materials from a Teaching Dossier.

Selection criteria

- The evaluation of nominations will be made by the Faculty of Engineering Award for Excellence in Engineering Education Committee which is chaired by the Associate Dean (Undergraduate Programs) and the membership will consist of one faculty member from each department (preferably chosen from previous recipients), 2 undergraduate student representatives identified by UMES, and the Director of the Centre for Engineering Professional Practice and Engineering.
- The committee will establish criteria for ranking of nominations based on the terms of reference.
- One award recipient will be selected in each academic year. The selection will be made by March 31.

- At its discretion, the committee may recommend to withhold the award for a period of one year.

Recognition

- The award is valued at \$2000.00 in the form of a research grant.
- The Award recipient will receive a plaque..
- The public announcement and presentation of the award will be made in a faculty sponsored event and posted on the Faculty of Engineering website.
- The name of the recipient and year of award will be inscribed on a permanent display board that will be mounted in a prominent location on the main floor of the Engineering and Information Technology Complex.
- The award recipient will be invited to the President's reception for recognizing winners of teaching awards.