

# Graduate Research Poster Competition 2020

## Submission Guidelines and Information Package

The Faculty of Engineering is proud to announce the *2020 Graduate Research Competition (12<sup>th</sup> Edition)*, on the afternoon of **Tuesday, March 3, 2020**.

Enclosed is a set of guidelines for preparing and submitting applications to the event. The procedures have changed from past events, so please do read these guidelines carefully.

### 1. The Application Package

All applications will be submitted online through Survey Monkey. A complete application will include:

- a. A digital research abstract describing the research project, including its title, motivation, novelty methodology and results, and conclusions. Submissions to be saved as .pdf files, not exceeding 15 MB in size; and
- b. A digital version of the poster not exceeding 15 MB in size. (The actual poster must be printed to maximum dimensions of 41" x 41"/105 cm x 105 cm. Note that no additional props are allowed in the presentation.)

Survey Monkey is an online platform that will be used to collect all applications this year. The link provided below will bring applicants to the respective submission page. All questions must be completed in order to submit a complete application.

### [Access online application form](#)

### 2. The Research Program Evaluation Process

This year, the participants will be responsible for submitting their applications [online](#), directly through Survey Monkey.

Below are the number of submissions per Engineering/Computer Science category:

Department/Program	Graduate Program Coordinator	Maximum Submissions
Chemical Engineering/	Elena Baranova	10
Civil Engineering/	Ahmad Jade	10
Environmental Engineering	Robert Delatolla	10
Computer Science	Paola Flocchini	10
Electrical and Computer Engineering	Karin Hinzer	10
Electronic Business Tech. & Systems Science	Hussein Al Osman/Tet Yeap	10
Mechanical Engineering & Advanced Materials	Michel Nganbe	10
Biomedical Mechanical Engineering	Xudong Cao	10

Following last year's format, prizes will be awarded for each of the Faculty's five research themes (see *Research Categories Cheat Sheet*). Participants will be required to select in which research category they believe their work is best reflected. To the best of the organizers ability and discretion, they will determine if the research category you selected is in fact where your submission best fits.

All participants will be notified of their category prior to the competition.

All submission will be assessed by external judges. Winners of the first, second and third prizes for each category (5) will receive cash awards:

1. First prize = \$500
2. Second prize = \$300
3. Third prize = \$200

### Important Dates and Deadlines

**Electronic submission of application packages through Survey Monkey\***

**Deadline : Friday, February 7, 2020**

**Finalized poster**

**Deadline: Friday, February 21, 2020**

*\*Applications can be submitted without a poster, however if there is no poster attached to the submission by February 21, 2020, the application will no longer be considered.*

[\*\*Submit your application here.\*\*](#)

### GRADUATE RESEARCH POSTER COMPETITION 2020: EVALUATION CRITERIA FOR JUDGES

The external judges will be provided with the following rubric of eight questions for determining the first, second and third prizes. The weighted value of each question is also indicated.

<b>1. In the abstract, the research objectives are: [1 point]</b>				
Consistently well-defined and communicated	Generally well-defined and communicated	Inconsistent or lacking		
<b>2. The methods used in the study are: [1 point]</b>				
Very well-defined and clear, without need for clarification	Generally well-defined, requiring minimal clarification	Defined, but requiring some clarification	Defined in part but requiring significant clarification	Largely absent
<b>3. The overall approach to the research problem and methodology is: [1 point]</b>				
Ingenuous	More creative than most	Solid and effective	Somewhat incomplete or limited	Unclear or erroneous
<b>4. The connection made between the results and the conclusions is: [1 point]</b>				

Clear and logical		Questionable in one or more areas		Inconsistent or lacking	
5. The importance and novelty of the work to the research field is: <b>[2 points]</b>					
Consistently well-defined and communicated		Generally well-defined and communicated		Inconsistent or lacking	
6. The presenter's general knowledge of their field of research can be described as <b>[1 point]</b>					
Expert	Very knowledgeable	Generally well-informed	Somewhat familiar	Marginal	
7. The presenter's enthusiasm and ability to connect with the audience <b>[1 point]</b>					
Outstanding	Very good	Good	Fair	Poor	
8. The research impact on the broader society is <b>[2 points]</b>					
Critical and urgent	Critical in the long run	Useful but not critical	Of little practical use or import	Unclear in its impact	

La Faculté de génie est fière d'annoncer la compétition d'affiches des études supérieures en génie et en informatique 2020, le mardi 3 mars 2020 (12<sup>e</sup> édition).

Ci-joint est un guide pour la préparation de votre application à l'événement. Les procédures ont changé depuis la dernière compétition, alors veuillez lire les renseignements attentivement.

### 1. Dossier de candidature

Tous les applications seront soumises en ligne à travers Survey Monkey. Une application complète comprendra :

- a) A digital research abstract describing the research project, including its title, motivation, novelty methodology and results, and conclusions. Submissions to be saved as .pdf files, not exceeding 15 MB in size; and

b) A digital version of the poster not exceeding 15 MB in size. (The actual poster must be printed to maximum dimensions of 41" x 41"/105 cm x 105 cm. Note that no additional props are allowed in the presentation.)

Survey Monkey est une plateforme en ligne donc tous les applications seront soumises cette année. Le lien ci-dessous vous apporterez à la page de soumission. Tous les questions doivent être complété pour être considéré comme une application complète.

## 2. Processus d'évaluation du programme de recherche

Cette année les participants sont responsables pour soumettre leur application en ligne à travers Survey Monkey.

Comme le format de l'année précédente, les prix seront donnés en accordance avec les thèmes de recherches de la Faculté. Les participants devront choisir en quel thème de recherche leurs affiche est mieux reflété. Les organisateurs de l'événement seront ceux qui décide si votre affiche est bien reflétée du thème choisi.

Tous les participants seront notifiés en quel thème ils participeront.

Tous les soumissions seront évaluées par des juges externes. Les finissants en 1<sup>er</sup>, 2<sup>e</sup> et 3<sup>e</sup> place de chaque thème de recherche (5) recevront les prix suivants :

1. Premier prix : 500 \$
2. Deuxième prix : 300 \$
3. Troisième prix : 200 \$

### **Dates et échéances importantes :**

**Soumission électronique d'application à travers Survey Monkey\* - le 7 février 2020**

**Affiche finalisé – Le 21 février 2020**

\*Les applications peuvent être soumise sans affiches cependant ci par le 21 février votre affiche n'est pas soumise, votre application sera nul.