Catapult Innovation 4\textsuperscript{th} Year FASE Undergrad Project Competition

**Registration Deadline:** March 14, 2016  
**Submission Deadline:** April 10, 2016  
**Poster Presentation:** April 27, 2016

**Purpose:**
The Catapult Innovation 4\textsuperscript{th} Year FASE Undergrad Project Competition, sponsored by the Department of Medical Imaging at the University of Toronto (UT-Mi), aims to promote innovative, medical imaging-themed research in the Faculty of Applied Science and Engineering (FASE) at the University of Toronto through the exposure of 4\textsuperscript{th} year undergraduate student projects to hospital-based UT-Mi researchers.

**Amount:**
A prize of $2,000 CAD will be awarded to the student team that best exemplifies innovation in the field of medical imaging and the spirit of advancing Engineering in the medical imaging field. The FASE faculty supervising the winning student project will be eligible to receive up to $8,000 CAD to continue the project in collaboration with a UT-Mi researcher.

**Eligibility and Conditions:**
- The FASE undergraduate student team must be registered as 4\textsuperscript{th} year students in FASE at UT, and the submission must be based on their 4\textsuperscript{th} year project as recognized by their particular FASE department.
- The undergraduate student team’s supervisor must have their primary appointment in UT-FASE.
- The FASE undergraduate student team must register for the competition by March 14, 2016.
- Final applications must be received no later than 11:59pm on April 10, 2016.
- The FASE undergraduate student team must present their projects as a poster, in person, at the Catapult Innovation Research Evening on April 27, 2016 to be eligible to win their cash prize. Details for the poster presentation will be sent to the student teams after the meeting registration.

**To Register:**
Email the following information to matsuura@sri.utoronto.ca (please use the subject heading: “Catapult 4th year project student registration”) by March 14, 2016:

1. Title of the project
2. FASE undergraduate student team info: names, affiliation, and contact information
3. FASE supervisor information: name, affiliation, and contact information
4. Statement addressing why they are entering the competition
5. Statement confirming their eligibility as outlined in the “Eligibility and Conditions” above.

**To Apply:**

**A. Research Statement:** Write a two-page maximum (Arial font, minimum font size 11pt, minimum margin of 2 cm on all four sides) summary of the medical imaging-themed 4\textsuperscript{th} year undergraduate project, using the following headings:

1. Title of the project
2. FASE undergraduate student(s) and supervisor information: names, affiliations, and contact information
3. Objectives: state the overall long-term and short-term goals of the project
4. Hypothesis
5. Background and Significance: summarize the existing knowledge and current/past research of the field as well as the problem(s) the project aims to address; describe how the research project may solve such problem(s) or advance the field
6. Methodology: describe the research design
7. Results and Discussion: describe the significant outcomes that came out of the work
8. Future work: provide a overview of what should be done next
9. Conclusion: provide a statement summarizing the entire project
10. Supporting Figures (2 pages maximum) - Optional
11. References - Optional
B. Compelling Personal Statement (this will be scored): The student team must write a **two-page maximum** (Arial font, minimum font size 11pt, minimum margin of 2 cm on all four sides) statement stating why they should win the award (e.g., what they learned about Medical Imaging during the course of this project, how they anticipate this experience will help them become better Engineers, why they think the project should continue, etc.) and how the team plans to use the $2,000 towards their professional development.

Please submit the application as a **single PDF document** via email to: matsuura@sri.utoronto.ca (please use the subject heading: “Catapult 4th year project student application”) by **April 10, 2016**.