



## RESEARCH SCHOLAR PROGRAM – 2018

### SUPERVISOR & PROJECT INFORMATION FORM

Please complete and return, via email only ([crems.programs@utoronto.ca](mailto:crems.programs@utoronto.ca)) by **November 3<sup>rd</sup> 2017** (forms received after this date will not be posted).

#### Supervisor Information

Name: Jason Maynes

Email: [jason.maynes@sickkids.ca](mailto:jason.maynes@sickkids.ca)

Degree: PhD/MD

SGS Appointment (IMS, IHPME, LMP etc.): biochemistry

Academic Rank: Associate Professor

Field of Research: Drug design, cardiac disease

Research Institution Affiliation (if applicable): HSC

Allocation of student contact time (number of hours per week YOU are available to the student for any concerns or to review progress):

Whatever they need, I have 70% protected time.

**Project Information**

Title: Heart Failure Therapeutics Based on Regenerative Medicine

Description (max 500 words):

The student will utilize the stem cell and regenerative medicine expertise in the lab to determine and quantify potential applications in heart failure. Bench basic science, biochemistry and animal experiments, using patient-derived samples, iPSC-cardiomyocytes and infant heart tissue.

If human subjects are involved, have Ethics been obtained?

YES

NO

Application Submitted

N/A

Do you expect this work will be published within the 20 months?

YES

NO

Uncertain

Student's roles and responsibilities (please be specific)

*Please indicate who will serve as the student's direct report (PI, PhD student, technician etc...)*

Collaborative lab with weekly lab meetings. Student will be expected to present, as all other lab members are. All direct reporting is to me, although members help each other out.