



Innovation Fund – Seed Grant Research Opportunities 2018/2019

1. Background

The Ted Rogers Centre for Heart Research was launched in November 2014 after an unprecedented donation from the Rogers family was then matched by commitments from The Hospital for Sick Children (SickKids), University Health Network (UHN), and University of Toronto (UofT). In this unique collaborative venture, these world leading organizations are working together to transform prevention and management heart disease – in particular, heart failure. The Centre’s mission includes children and adults, with an over-arching goal of addressing **heart failure across the entire lifespan**.

The Centre blends basic, translational and clinical research through three collaborative programs:

- *Precision Medicine and Cardiac Genome Clinic* apply novel biology-driven approaches to finding new therapies for childhood onset heart failure and support one-of-a kind adult and pediatric genome clinics intended to decipher the genetic basis of heart failure in those with congenital heart disease and cardiomyopathies.
- *Integrated Program for Excellence in Heart Function* will optimize heart failure outcomes, improve quality of life and reduce readmission to hospital. Its goal is to reduce re-hospitalizations by 50% in 10 years.
- *Translational Biology and Engineering Program* examines how genes, molecules and cells function during cardiovascular development, wellness and disease to uncover strategies to repair, regenerate or replace heart tissues.

More information is available <https://tedrogersresearch.ca/>.

2. Seed Grant Competition 2018/2019

The Centre’s Innovation Fund will provide Seed Grants of up to \$100,000/year (renewable for 1 additional year) to support innovative research projects directly aligned with its [Mission](#). Eligible projects must represent bonafide collaboration with at least two of the three partner institutions (SickKids, UHN, UofT) and may encompass the full spectrum of biomedical research, from basic science discovery to clinical interventions to health services or population health research. Selection of successful applications will be heavily weighted to those with the potential to transform our understanding or approach to heart failure.

3. Application Process

The Seed Grant application process begins with a three-page Letter of Intent (LOI). Selected applicants will be invited to submit a full application (7 pages).

Important Dates

Letter of Intent due: November 30, 2018.....**Estimated LOI Notice of Decision: January 15, 2019**

Full Application due: February 22, 2019.....**Estimated Notice of Decision: March 29, 2019**

Letter of Intent Submission

Send your completed LOI submission by November 30, 2018 5pm EST via email to:

Linda Donovan, Planning & Operations Manager, Ted Rogers Centre for Heart Research, linda.donovan@TRCHR.ca

Incomplete or late submissions will not be accepted.

Partners in the Ted Rogers Centre for Heart Research

THE PROMISE OF A HEALTHY HEART.

SickKids

UHN

UNIVERSITY OF TORONTO