

# Research Update

Stay informed with news from Heart & Stroke

## NATIONAL

### 2017/18 Competition Results

Competition results are now available on the Heart & Stroke (H&S) research website. Please follow the links below to view the competition results for each national H&S research program that was launched in 2016.

- **Grants-in-aid (GIAs)**
  - 77 new grants have been funded, with a success rate of 22%
  - These newly awarded GIAs represent a research investment of over \$19M over the next three years
- **Emerging Research Leaders Initiative**
  - Seven new grants have been funded
- **Personnel Awards**
  - 17 new personnel awards have been funded
  - This includes awards from both the national and provincial personnel awards competitions

Congratulations to all grant and award recipients!

### 2017/18 Barnett Scholar

Heart & Stroke's Henry J. M. Barnett Scholarship is presented annually to a highly rated investigator working in the area of cerebrovascular research. This prestigious award was established to honour Dr. Henry J. M. Barnett's exceptional contributions to stroke research, education and patient care in Canada. Congratulations to Dr. Glen Jickling, the 2017/18 Barnett Scholar!

### 2017/18 McDonald Scholar

The McDonald Scholarship was established in honour of Mr. Ewing (Mac) McDonald, Heart & Stroke's executive director from 1968 to 1987. Each year, the scholarship is awarded to the highest-rated applicant in the new investigator competition. Join us in congratulating Dr. Wenbin Liang, the 2017/18 McDonald Scholar!

## Advancing Women's Heart & Brain Health

We are proud to announce our inaugural recipients of the Advancing Women's Heart & Brain Health Research Initiative: Congratulations to [Dr. Jacqueline Saw](#) (University of British Columbia), and [Dr. Margaret Davenport](#) (University of Alberta)!

## Introducing our MCA council co-chairs!

Since our last update in July, we've made great progress in establishing our six mission critical area (MCA) councils. Thank you to everyone who submitted nominations for the co-chairs. We received an amazing list of candidates for the research and community co-chair positions! And we have now created a section on our [website](#) dedicated to sharing information about the councils with Canadians.

Today we are pleased to announce our council co-chairs: visit the council [webpage](#) to jump to the co-chair profiles. We are now working with the co-chairs to select council members.

If you've missed previous updates or need a refresher on the MCA council framework, the new section on the [website](#) can get you caught up. You can also find more information, including previous updates to the research community, on the Heart & Stroke research [website](#).

Thank you for your ongoing input, commitment and dedication to the health of Canadians. Please share your feedback at [research@heartandstroke.ca](mailto:research@heartandstroke.ca).

## Heart & Stroke Clinical Update



With outstanding [sessions](#) by renowned researchers and experts from multiple disciplines, the Heart & Stroke Clinical Update will offer practical pearls, cutting-edge science updates and best practice discussions for the prevention and management of heart disease and stroke.

[Learn](#) why healthcare practitioners value this Continuing Professional Development (CPD) event and keep coming back!

*Pre-Conference Workshops December 7, 2017 in Toronto  
Accredited webinar available December 8, 2017*

[www.clinicalupdate.ca](http://www.clinicalupdate.ca)

## The Canadian Women's Heart Health Summit 2018: Call for Abstracts Now Open!

Hosted by the University of Ottawa Heart Institute's [Canadian Women's Heart Health Centre](#) and Heart & Stroke, the second [Canadian Women's Heart Health Summit](#) takes place in Ottawa on April 5 and 6, 2018. Building on the success of the [April 2016 Summit](#), this event will bring together approximately 250 national and international experts and stakeholders to further advance women's heart health. Together, we will transform and enhance Canadian women's lives through research, awareness, policy development and care.

**The deadline to submit abstracts is December 22, 2017.** Accepted abstracts to be published in a special women's heart health issue of the [Canadian Journal of Cardiology](#) in April, 2018. Visit [womensheartsummit.ca](http://womensheartsummit.ca) for more details.

## XVIII<sup>th</sup> International Symposium on Atherosclerosis

The XVIII<sup>th</sup> International Symposium on Atherosclerosis (ISA) is being held at the Metro Toronto Convention Centre in Toronto, ON from June 9-12, 2018.

In keeping with the time-honoured tradition of this world-class symposium, ISA 2018 will bring together top clinicians, researchers and health practitioners from around the world, focusing on cutting-edge

research in the areas of atherosclerosis, thrombosis and vascular biology. **Submit your abstract** for consideration via the [ISA 2018](#) website!

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## **NOVA SCOTIA**

### **Emerging Nova Scotia Based Investigators: Advancing Medical Breakthroughs**

The Nova Scotia research advisory committee has selected five recipients of the 2017/18 Heart & Stroke BrightRed student research awards. This year's recipients will be celebrated at our annual research reception on November 6, 4:30 p.m. at Paul O'Regan Hall in the Halifax Central Public Library.

The BrightRed student research award program was established eight years ago thanks to the generous support of local Nova Scotia donors. Since then Heart & Stroke has presented 42 awards to researchers working to advance future medical breakthroughs that will save more lives not only in Nova Scotia, but across Canada and globally.

### **Congratulations to our 2017/18 BrightRed Student Research Award recipients!**

#### **BrightRed Mission Award: Jasmine Aziz**

*Can brain activity help explain the effects of prism adaptation in stroke patients with spatial neglect?*

#### **The John & Judy Bragg Family Foundation Award: Emily Rogers**

*Understanding the effects of high intensity training (HIIT) on cortical excitability and motor learning*

#### **The Paul & Mary O'Regan Graduate Research Award: Shijie Zhou**

*Real-time localization of ventricular tachycardia origin from the standard 12-lead ECG*

#### **BrightRed Award: Jack Solomon**

*Exploring on- and off-line learning in motor imagery: forming foundations for the use of motor imagery in stroke rehabilitation*

#### **BrightRed Award: Anjali Ghimire**

*Cardioprotection in the mouse heart: acute protective effects of an estrogen receptor agonist*



From left to right: Awardees Shijie Zhou, Emily Rogers, Jack Solomon, Jasmine Aziz and Anjali Ghimire

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