Week of October 26, 2018

Dear colleagues,

Please find below this week’s updates:

- You are invited to the next session of the Demystifying Medicine Seminar Series taking place on October 29 with Drs. Richard Austin and Stephen Colgan presenting in HSC-1A6. Further details can be found in the attached poster.

- As you may be aware, we have a Global Health Program at McMaster University, Department of Medicine, in which we send two to three PGY2 Internal Medicine residents every year for an elective to a teaching hospital in Kampala, Uganda. This is based on merit and genuine interest. The objective is to develop a sense of humanitarianism, provide medical education, promote academic collaboration, build bridges with our colleagues in Uganda, become more aware of culture sensitive medicine, refine clinical skills, and to provide supervision to our residents and other learners there.

  The Department of Medicine has been offering an opportunity for faculty to accompany our residents to Kampala for a duration of 2-4 weeks. There will be a stipend available for the faculty member for this opportunity, and you can be assured that this will be an unforgettable positive experience as it has been for the residents and faculty who have gone so far. For those who have not gone before, there will be faculty with previous experience in Uganda accompanying you.

  This year the elective will be Block 10: Mar 12- Apr 8, 2019. Please feel free to contact Dr. Prebtani directly at prebtani@HHSC.CA asap if you are interested to discuss this opportunity further.

- You are invited to the 11th Annual McMaster University Review Course in Internal Medicine taking place on March 27 – 29, 2019. Further information can be found attached.

- You are invited to the upcoming 5th Annual McMaster International Review Course in Internal Medicine (MIRCIM). It will take place in Krakow, Poland from May 9 – 11, 2019. Further information can be found in the attached invitation or at the website.

- The Indigenous Studies Health Sciences Office, Department of History, and the Wilson Institute for Canadian History invite you to a book talk by Dr. Mary Jane Logan McCallum and Dr. Adele Perry on November 6. Please find further information in the attached poster.

- You are invited to apply for Michael DeGroote Awards. Further information can be found attached.

- Please find attached a document from the Deputy Minister, Ministry of Health and Long-term Care regarding Ministry Realignment.

- Please find attached the October 26 HRS Funding Opportunities bulletin.

- Please find attached the October 26 ROADS Funding Opportunities bulletin.
• Please join us at Grand Rounds next week on November 1, 2018 at 8:00 am. Medical Grand Rounds - HHS will be hosting Dr. Imran Satia in MUMC-4E20 who will be speaking on Towards Understanding and Managing Chronic Cough. Chair’s Medical Grand Rounds will be hosting Dr. Noel Chan in the Miller Amphitheatre who will be speaking on Antithrombotic therapy in peripheral artery disease: recent advances and ongoing challenges. Further information on these events, and many others taking place in the Department, can be found in the ETA Calendar as they become available.

• New Faculty Highlight

Welcome to Dr. Rick Ikesaka who on September 1 joined the Department of Medicine, and the Division of Hematology and Thromboembolism, as an Assistant Professor. Dr. Ikesaka is well-trained with interest in line-associated thrombosis, cancer-associated thrombosis, immune cytopenias, myeloproliferative neoplasms, and antiphospholipid antibodies.

If you have anything you would like to share with your colleagues, please submit it to Sara Sellers at sellers@mcmaster.ca

Mark A. Crowther
Professor and Chair, Department of Medicine
DATE: Monday, October 29, 2018
TIME: 4:00 p.m. to 5:30 p.m.
LOCATION: HSC 1A6
WEBSITE: www.demystifyingmedicine.ca
CONTACT INFO: Dr. Kjetil Ask demystifyingmedicine@gmail.com or Cathy Stampfl ext. 73115

A McMaster research scientist walks into a large biopharma company... opportunity and challenges for those wise in the ways of science

SPEAKERS:

Dr. Richard Austin
Department of Medicine, McMaster University

Dr. Stephen Colgan
Medical Director and Therapeutic Area Lead, Amgen Canada

LEARNING OBJECTIVES:

• Provide an overview of a recent research sabbatical at a large Biopharma company in South San Francisco
• Emphasize the importance of genetics and basic biological systems as a way of identifying the next generation of targets for the treatment of human diseases
• Highlight the opportunities for trainees and post-doctoral fellows at large Biopharma companies
• Summarize the roadmap to success and what it takes to make impactful discoveries for improving human health
11th McMaster University Review Course in
INTERNAL MEDICINE
March 27th – March 29th, 2019

HAMILTON CONVENTION CENTRE by Carmen’s
1 Summers Lane, Hamilton, ON

TARGET AUDIENCE
General Internists, Subspecialists, ER Physicians, Hospitalists, Community Physicians, Family Physicians
General Practitioners, Interns, Residents, Physician Assistants, and Nurse Practitioners in Training Programs
for Internal Medicine and its Subspecialties

For More Information
McMaster University, Continuing Health Sciences Education
Carol Stewart, CMP, CHSE Lead Coordinator
905-525-9140 x 20052
castewa@mcmaster.ca
www.fhs.mcmaster.ca/conted

www.mcmasterinternalmedicine.ca
LEARNING OBJECTIVES

By attending this activity, participants will be able to:

1. Learn practical approaches to medical problems from different disciplines of internal medicine encountered by hospital-based medicine practitioners.
2. Learn practical approaches to medical problems from different disciplines of medicine encountered in ambulatory settings.
3. Appreciate the breadth of internal medicine problems faced by clinicians.
4. Learn about controversies in internal medicine.
5. Update knowledge in problems encountered in internal medicine.

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Boris Family Chair in Medicine
Professor and Associate Chair
Department of Medicine
McMaster University

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Dean and Vice-President
Faculty of Health Sciences
McMaster University

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Professor
Department of Medicine
McMaster University

Dr. Mark Crowther
Professor and Chair
Department of Medicine
McMaster University

Dr. Khalid Azzam
Associate Professor
Department of Medicine
McMaster University

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Ms. Carol Stewart
CHSE Lead Coordinator
McMaster University

Ms. Gail LaForme
Assistant to
Dr. Akbar A. Panju
McMaster University

DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

In keeping with accreditation guidelines, McMaster University, Continuing Health Sciences Education requires all speakers and planning committee members participating in this activity to disclose any involvement with industry or other organizations that may potentially influence the presentation of the educational materials or program being offered.
**MORNING SESSION I**  
Akbar A. Panju, Moderator  
07:00 – 08:00  **REGISTRATION & BREAKFAST**  
08:00 – 08:10 Welcome and Introductions  
**Akbar A. Panju**  
08:10 – 08:30 Syncope: When to worry?  
**Jeff Healey**  
08:30 – 08:50 Use of antiplatelets and anticoagulants in coronary artery disease  
**Shamir Mehta**  
08:50 – 09:10 Managing Heart Failure and preventing hospitalization  
**Harriette Van Spall**  
09:10 – 09:30 Management of Aortic Stenosis  
**Madhu Natarajan**  
09:30 – 09:50 Evaluation of CAD: What test to order?  
**Craig Ainsworth**  
09:50 – 10:10 **PANEL DISCUSSION Q&A**  
10:10 – 10:30 **REFRESHMENT BREAK AND STRETCH EXERCISE**

**MORNING SESSION II**  
Ally Prebtani, Moderator  
10:30 – 10:50 Changes in creatinine and potassium on starting ACEI/ARB and SGLT2 Inhibitors  
**Catherine Clase**  
10:50 – 11:10 Renal Stones and Nephrocalcinosis  
**Anna Mathew**  
11:10 – 11:30 Acute Renal Failure in a hospitalized patient  
**Christian Rabbat**  
11:30 – 11:50 Renal Transplantation Essentials for the non-nephrologist  
**Christine Ribic**  
11:50 – 12:10 **PANEL DISCUSSION Q&A**  
12:10 – 01:00 **LUNCH AND STRETCH EXERCISE**

**AFTERNOON SESSION I**  
Lori Whitehead, Moderator  
01:00 – 01:20 Asthma Update: What’s new?  
**Paul O’Byrne**  
01:20 – 01:40 When and who to refer for a Sleep Study?  
**Juliana Li**  
01:40 – 02:00 Approach to persistent cough  
**Helen Neighbour**  
02:00 – 02:20 Management of interstitial lung disease  
**Martin Kolb**  
02:20 – 02:40 **PANEL DISCUSSION Q&A**  
02:40 – 03:00 **REFRESHMENT BREAK AND STRETCH EXERCISE**

**AFTERNOON SESSION II**  
Sharon Marr, Moderator  
03:00 – 03:20 Antimicrobial Stewardship: Preventing Antibiotic Resistance  
**Dominik Mertz**  
03:20 – 03:40 Diagnosis and Treatment of Hepatitis C  
**Shariq Haider**  
03:40 – 04:00 TB Update  
**Muntasir Saffie**  
04:00 – 04:20 Immunization for the Adult  
**Martha Fulford**  
04:20 – 04:40 Update on MAiD: what have we learned?  
**Will Harper**  
04:40 – 05:00 **PANEL DISCUSSION Q&A**  
**Moderator: Akbar A. Panju**  
05:00 – 05:30 Keynote address: How to interpret and apply Clinical Guidelines  
**Dr. Gordon Guyatt**  
05:30 – 07:00 **RECEPTION**  
(with live entertainment)

*Activity subject to change*
# Day 2: Thursday, March 28th, 2019

## Morning Session I
**Khalid Azzam, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>07:00 – 08:00</td>
<td><strong>Registration &amp; Breakfast</strong></td>
</tr>
<tr>
<td>08:05 – 08:25</td>
<td>Managing Diabetes: What’s new?</td>
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<td></td>
<td>Hertzel C. Gerstein</td>
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<tr>
<td>08:25 – 08:45</td>
<td>Diagnosis and treatment of Adrenal Insufficiency</td>
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<td></td>
<td>Ally Prebtani</td>
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<tr>
<td>08:45 – 09:05</td>
<td>Approach to Hyperthyroidism</td>
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<td></td>
<td>Meera Luthra</td>
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<tr>
<td>09:05 – 09:25</td>
<td>Management of Erectile Dysfunction</td>
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<td></td>
<td>Michael Greenspan</td>
</tr>
<tr>
<td>09:25 – 09:45</td>
<td>Osteoporosis Update</td>
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<td></td>
<td>Aliya Khan</td>
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<tr>
<td>09:45 – 10:05</td>
<td><strong>Panel Discussion Q&amp;A</strong></td>
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<tr>
<td>10:05 – 10:25</td>
<td><strong>Refreshment Break and Stretch Exercise</strong></td>
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## Morning Session II
**Ameen Patel, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:25 – 10:45</td>
<td>Prescribing Opioids for non-cancer patients</td>
</tr>
<tr>
<td></td>
<td>Anne Holbrook</td>
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<tr>
<td>10:45 – 11:05</td>
<td>Hypercholesterolemia treatment for primary and secondary prevention</td>
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<td></td>
<td>Guillaume Paré</td>
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<tr>
<td>11:05 – 11:25</td>
<td>Smoking Cessation Strategies</td>
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<tr>
<td></td>
<td>Mitch Levine</td>
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<tr>
<td>11:25 – 11:40</td>
<td>Management of Hypertension and Pre eclampsia in Pregnancy</td>
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<tr>
<td></td>
<td>Ahraaz Wyne</td>
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<tr>
<td>11:45 – 12:05</td>
<td><strong>Panel Discussion Q&amp;A</strong></td>
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<tr>
<td>12:05 – 01:00</td>
<td><strong>Lunch and Stretch Exercise</strong></td>
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## Afternoon Session I
**Marianne Talman, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>01:00 – 01:20</td>
<td>Rheumatoid Arthritis: Diagnosis and Treatment</td>
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<tr>
<td></td>
<td>Maggie Larché</td>
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<tr>
<td>01:20 – 01:40</td>
<td>When to refer a patient for hip or knee replacement</td>
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<td></td>
<td>Victoria Avram</td>
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<td>01:40 – 02:00</td>
<td>Update on SLE</td>
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<td>Kim Legault</td>
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<tr>
<td>02:00 – 02:20</td>
<td>Managing Anaphylaxis</td>
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<td>Susan Waserman</td>
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<td>02:20 – 02:40</td>
<td>Dermatological conditions you should not miss</td>
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<td>Hermenio Lima</td>
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<tr>
<td>02:40 – 03:00</td>
<td><strong>Panel Discussion Q&amp;A</strong></td>
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<tr>
<td>03:00 – 03:20</td>
<td><strong>Refreshment Break and Stretch Exercise</strong></td>
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## Afternoon Session II
**Mohamed Panju, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>03:20 – 03:40</td>
<td>Diagnosis and management of Thrombocytopenia</td>
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<td>Wendy Lim</td>
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<tr>
<td>03:40 – 04:00</td>
<td>Management of increased Ferritin</td>
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<td>Menaka Pai</td>
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<tr>
<td>04:00 – 04:20</td>
<td>Venous Thromboembolism Management: What’s new?</td>
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<td>Jeff Weitz</td>
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<tr>
<td>04:20 – 04:40</td>
<td>Managing Bleeding Complications in patients using antithrombotic drugs</td>
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<td></td>
<td>Mark Crowther</td>
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<tr>
<td>04:40 – 05:00</td>
<td><strong>Panel Discussion Q&amp;A</strong></td>
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</tbody>
</table>
**DAY 3: Friday, March 29th, 2019**

### MORNING SESSION I
**Mark Crowther, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>07:00 – 08:00</td>
<td>REGISTRATION &amp; BREAKFAST</td>
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<tr>
<td>08:25 – 08:45</td>
<td>An approach to patient with Peripheral Neuropathy Susan Goodwin</td>
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<tr>
<td>08:45 – 09:05</td>
<td>Update of Multiple Sclerosis Suresh Menon</td>
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<tr>
<td>09:05 – 09:25</td>
<td>Headache: When to worry? TBA</td>
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<tr>
<td>09:25 – 09:45</td>
<td>PANEL DISCUSSION Q&amp;A</td>
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<tr>
<td>09:45 – 10:05</td>
<td>REFRESHMENT BREAK AND STRETCH EXERCISE</td>
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### MORNING SESSION II
**Shariq Haider, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:05 – 10:25</td>
<td>Deprescribing in older adults Joanne Ho</td>
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<tr>
<td>10:25 – 10:45</td>
<td>Depression in the elderly Maxine Lewis</td>
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<tr>
<td>10:45 – 11:05</td>
<td>Advances in Perioperative Medicine Vikas Tandon</td>
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<tr>
<td>11:05 – 11:25</td>
<td>Perioperative Management of Anticoagulant and Antiplatelet Drugs: New Evidence that will Affect your Practice James Douketis</td>
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<tr>
<td>11:25 – 11:45</td>
<td>Evidence-Based IV Fluid Administration Bram Rochwerg</td>
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<tr>
<td>11:45 – 12:05</td>
<td>PANEL DISCUSSION Q&amp;A</td>
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<tr>
<td>12:05 – 01:15</td>
<td>LUNCH AND STRETCH EXERCISE</td>
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### AFTERNOON SESSION I
**John Neary, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>01:15 – 01:35</td>
<td>Update in Inflammatory Bowel Disease John Marshall</td>
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<tr>
<td>01:35 – 01:55</td>
<td>Non-Ulcer Dyspepsia Paul Moayyedi</td>
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<tr>
<td>01:55 – 02:15</td>
<td>Approach to a patient with an upper GI bleed Grigoris Leontiadis</td>
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<td>02:15 – 02:35</td>
<td>Management of Acute Pancreatitis Frances Tse</td>
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<tr>
<td>02:35 – 02:55</td>
<td>PANEL DISCUSSION Q&amp;A</td>
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<tr>
<td>02:55 – 03:15</td>
<td>REFRESHMENT BREAK AND STRETCH EXERCISE</td>
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### AFTERNOON SESSION II
**Zara Khalid, Moderator**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>03:15 – 03:35</td>
<td>Management of Peripheral Artery Disease: What’s new? Sonia Anand</td>
</tr>
<tr>
<td>03:35 – 03:55</td>
<td>Evaluation of a patient with unknown primary cancer Som Mukherjee</td>
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<tr>
<td>03:55 – 04:15</td>
<td>Targeted Therapies in Cancer Treatment Rosalyn Juergens</td>
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<tr>
<td>04:15 – 04:35</td>
<td>Update on breast cancer Bindi Dhesy</td>
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<tr>
<td>04:35 – 04:55</td>
<td>PANEL DISCUSSION Q&amp;A</td>
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<tr>
<td>04:55</td>
<td>Concluding Remarks Co-Chairs</td>
</tr>
</tbody>
</table>

*Activity subject to change*
SPEAKERS & MODERATORS AFFILIATIONS

Jeff Healey
Professor

Shamir Mehta
Professor

Harriette Van Spall
Associate Professor

Madhu Natarajan
Professor

Craig Ainsworth
Associate Professor

Catherine Clase
Associate Professor

Anna Mathew
Associate Professor

Christian Rabbat
Associate Professor

Christine Ribic
Associate Professor

Paul O’Byrne
Professor

Juliana Li
Associate Professor

Helen Neighbour
Associate Professor

Martin Kolb
Professor

Dominik Mertz
Associate Professor

Shariq Haider
Professor

Muntasir Saffie
Assistant Professor

Martha Fulford
Associate Professor

Will Harper
Associate Professor

Gordon Guyatt
Professor

Hertz Gerstein
Professor

Ally Prebtani
Professor

Meera Luthra
Associate Professor

Michael Greenspan
Assistant Clinical Professor

Aliya Khan
Clinical Professor

Anne Holbrook
Professor

Guillaume Paré
Associate Professor

Mitch Levine
Professor

Ahraaz Wyne
Assistant Professor

Maggie Larché
Associate Professor

Victoria Avram
Associate Professor

Kim Legault
Assistant Professor

Susan Waseeman
Professor

Hermenio Lima
Associate Professor

Wendy Lim
Professor

Menaka Pai
Associate Professor

Jeff Weitz
Professor

Mark Crowther
Professor

Wes Oczkowski
Professor

Susan Goodwin
Associate Professor

Suresh Menon
Assistant Professor

Demetrios Sahlas
Associate Professor

Joanne Ho
Assistant Professor

Maxine Lewis
Associate Professor

Vikas Tandon
Associate Professor

James Douketis
Professor

Bram Rochwerg
Assistant Professor

John Marshall
Professor

Paul Moayyedi
Professor

Grigorias Leontiadis
Associate Professor

Frances Tse
Associate Professor

Sonia Anand
Professor

Som Mukherjee
Associate Professor

Rosalyn Juergens
Associate Professor

Bindi Dhesy
Associate Professor

Akbar A. Panju
Professor

Lori Whitehead
Professor

Sharon Marr
Associate Professor

Khalid Azzam
Associate Professor

Ameen Patel
Professor

Marianne Talman
Associate Professor

Mohamed Panju
Associate Professor

John Neary
Associate Professor

Zara Khalid
Associate Professor

McMaster University, Continuing Health Sciences Education Program (CHSE) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide CFPC Mainpro+ and RCPSC Maintenance of Certification (MOC) study credits for Continuing Medical Education.

This one-credit-per-hour Group Learning program meets the certification criteria of The College of Family Physicians of Canada and has been certified by McMaster University, Continuing Health Sciences Education Program for up to 22.25 Mainpro+ credits.

This activity is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada and approved by McMaster University, Continuing Health Sciences Education Program for up to 22.25 MOC Section 1 hours.

Through an agreement between The Royal College of Physicians and Surgeons of Canada and The American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert Royal College MOC credit to AMA credit can be found at: www.ama-assn.org/go/internationalcme

Each healthcare provider should claim only those hours of credit that he/she actually spent in the educational activity.
INFORMATION

WEBSITE
www.mcmasterinternalmedicine.ca

FOR REGISTRATION INFORMATION
cmereg@mcmaster.ca

REGISTER ONLINE
www.mcmasterinternalmedicine.ca

REGISTER BY MAIL
Send your completed registration form to:
McMaster University
Continuing Health Sciences Education (CHSE)
1280 Main St. W., DBHSC, Rm 5004, Hamilton, ON L8S 4K1

REGISTER IN PERSON
Bring your completed registration form with
Visa, MasterCard, AMEX or cash payment to the
Continuing Health Sciences Education
100 Main Street West, 5th Floor, Room 5004
Hamilton, ON L8P 1H6
Monday to Friday between the hours of 9:30am – 4:00pm

REGISTER BY PHONE
Call 905 525-9140 ext. 22671
(Visa, MasterCard OR AMEX are accepted)

REGISTER BY FAX
Fax a completed registration form with a Visa, MasterCard
or AMEX number to 905 572-7099

ACCOMMODATIONS
Sheraton Hotel
116 King Street West, Hamilton, ON
(905) 529-5515 or 1-800-514-7101
Rate: $155.00/night Booked by February 25, 2019
Please quote the “McMaster Review Course in
INTERNAL MEDICINE” group rate.
*A limited number of rooms have been blocked at the program
rate and are available on a first come first-served basis.

FOR MORE INFORMATION
Carol Stewart, CMP, CHSE Coordinator
(905) 525-9140 x 20052
castewa@mcmaster.ca

LIABILITY

Continuing Health Sciences Education (CHSE) hereby assumes no liability for any claims, personal injury,
or damage:
• To any individual attending this activity.
• That may result from the use of technologies, program, products and/or services at this activity.
• That may arise out of, or during this activity.

CANCELLATION POLICY
The University reserves the right to cancel a course due to insufficient registration or any circumstances that are beyond
our control. Cancellations received before March 13, 2019 will be refunded less a 25% administrative fee to a maximum
of $50.00. No refunds will be issued for cancellations received after this date.

FROM TORONTO
• Take Hwy 407 West or the QEW West to Hwy 403 Hamilton.
• Exit at Main Street East exit and follow past Bay Street to Summers Lane.
• The Convention Centre is on Summers Lane.

FROM NIAGARA FALLS, FORT ERIE
• Take QEW West to Hamilton and exit at Burlington Street.
• Turn left at Wellington Street North and right at King Street East.
• The Convention Centre is on Summers Lane just past MacNab Street.

FROM LONDON, WINDSOR
• Take the 401 East to the 403 East Hamilton.
• Proceed to Main Street East exit in Hamilton and follow it past Bay Street to Summers Lane.
• The Convention Centre is on Summers Lane.
CONFIRMATION OF REGISTRATION

A written acknowledgement of your registration will be sent prior to the activity. Receipts are emailed at the time of registration and an additional email will be sent after the activity, confirming your certificate of attendance is ready to download or print. Your registration is not complete unless a confirmation is received. If you have not received a confirmation within 7 days of registration, please contact the CHSE office.

REGISTRATION FORM
McMaster University Review Course In Internal Medicine March 27 – 29, 2019

Please note that this is NOT an online registration. This is an electronic PDF form. You can type directly in the spaces provided online using any PDF software. You must then print & submit it to us via mail, fax or in person.

FOR OFFICE USE ONLY
Activity Code:
INTERNALMED2019

Dr. Mr. Mrs. Miss. Ms.

Surname

Profession:
- EP
- FP
- RES
- PA
- RN
- RNEC

Specialist

Other

Royal College Members (only) ID# (for auto upload of MOC credits)

Address

City

Province

Postal Code

Area Code

Phone

Fax

Cell

Email *Your registration cannot be processed without an email address

Given

Expiry:

Month

Year

CVD

Signature

PLEASE IDENTIFY ANY ACCESSIBILITY NEEDS:

CHILDEREN ARE NOT PERMITTED as it distracts from the learners.

Registration Fees

Physicians - Full Program
- $695.00 - Early Bird fee before February 8, 2019
- $765.00 - After February 8, 2019

Allied Health - Full Program
- $400.00

Residents, Interns and Students - Full Program
- $300.00

One Day Rate
- $295.00 (please select days attending)
- Wednesday
- Thursday
- Friday

SPECIAL DIETARY REQUIREMENTS
For those with special dietary needs some accommodation may be available:
- Vegetarian
- Allergies
- Other

*Pre-registration will be available at the Sheraton Hamilton Hotel (2nd Floor) on:
Tuesday, March 26, 2019 – 5:00pm – 8:00pm

CONFIRMATION OF REGISTRATION
A written acknowledgement of your registration will be sent prior to the activity. Receipts are emailed at the time of registration and an additional email will be sent after the activity, confirming your certificate of attendance is ready to download or print. Your registration is not complete unless a confirmation is received. If you have not received a confirmation within 7 days of registration, please contact the CHSE office.

Freedom of Information and Protection of Privacy Act
The information on this form is collected under the authority of the McMaster University Act, 1976. The information will be used for administrative purposes, including: your registration in the course; preparation of course materials for your use and to notify you of other courses or pertinent information. Financial information will be used to process applicable fees and will be retained for future reference. This information is protected and is being collected pursuant to section 39(2) and section 42 of the Freedom of Information and Protection of Privacy Act of Ontario (RSO 1990). Questions regarding the collection or use of this personal information should be directed to the University Secretary, Gilmour Hall, Room 210 McMaster University.
Dear Colleagues

It is with great pleasure that we invite you to attend the 5th McMaster International Review Course in Internal Medicine (MIRCIM), which will take place in the beautiful historic city of Kraków, Poland, on May 9–11, 2019.

MIRCIM has been conceived and developed by the McMaster University Department of Medicine, the birthplace of evidence-based medicine (EBM) and problem-based learning (PBL), and the Polish Institute for Evidence Based Medicine. It is organized in collaboration with the European Federation of Internal Medicine and the Jagiellonian University Medical College, and in partnership with almost 30 national societies of internal medicine from around the world.

The three-day course will be filled with information-packed lectures delivered by an outstanding assembly of speakers who are world-renowned experts in their fields, from authors of clinical practice guidelines to researchers behind breakthrough trials that shape the modern standards in medicine. Our aim has been to deliver up-to-date and reliable knowledge that is useful to general internists, subspecialists, hospitalists, family physicians, residents and fellows in training specializing in internal medicine – and we are proud to say that we have achieved this goal. The participants of past MIRCIM editions highly praised the quality of lectures, topic selection and social events (see at www.mircim.eu).

The lectures will be delivered on May 10 and 11. On the first day, May 9, the participants will be able to take part in the conference Clinical Cases in Internal Medicine: Learning Through Practice and to choose from a number of clinical workshops.

The course will take place in the ICE Kraków Congress Centre, located conveniently in the city center and close to Kraków’s famous tourist attractions. The time spent in Kraków during the course will offer a myriad of opportunities to experience the rich cultural life and remarkable heritage that the city boasts.

We look forward to seeing you in Kraków in May 2019.

Co-chairs of the Organizing Committee

Honorary Chair

Akbar Panju
MB, ChB, FRCP(C)
FRCP(Edin)
FRCP(Glasg), FACP

Mark Crowther
MD, MSc, FRCP(C)

Piotr Gajewski
MD, PhD, FACP

Paul O’Byrne
MB, FRCP(C), FRSC

www.mircim.eu
**Days 2 & 3, May 10–11**

**Cardiology**
New definition of myocardial infarction and its practical implications
to be announced
What’s new in the management of arterial hypertension: practical summary of the latest guidelines
to be announced
Current management of syncope: key practical messages from the latest guidelines
Prof. Giorgio Constantino (Italy)
Management of chronic limb ischemia: what treatments are available
to be announced
Lipid lowering drug therapy: which drug to choose
Prof. Lale Tokgözoglu (Turkey)

**Respirology**
Drugs selection for different phenotypes of asthma
Prof. Paul O’Byrne (Canada)
How to prevent COPD exacerbations
Prof. Jadwiga Wedzicha (UK)

**Gastroenterology**
Microbiome and fecal microbiota transplantation
Prof. Paul Moayyedi (Canada)
Approach to a patient with chronic diarrhea
Prof. Robin Spiller (UK)
Digestive tract cancer screening: whom and how to screen
Prof. John Marshall (Canada)
Abnormal liver blood tests: how to interpret
to be announced

**Endocrinology**
Managing patients with type 2 diabetes according to the latest guidelines
Prof. Chantal Mathieu (Belgium)
Current management of obesity
Prof. Dror Dicker (Israel)
Management of thyroid emergencies
Prof. Leonard Wartofsky (USA)

**Rheumatology**
Biologics use in systemic autoimmune conditions: an update
Prof. Bhaskar Dasgupta (UK)
Challenges in the diagnosis of chronic immune-mediated rheumatic diseases
Prof. Christian Dejaco (Austria)

**Hematology**
Venous thromboembolism: current prevention guidelines
Prof. Susan Kahn (Canada)
Venous thromboembolism: current diagnostic guidelines
Prof. Wendy Lim (Canada)
Venous thromboembolism: current treatment guidelines
Prof. Shannon Bates (Canada)
Myeloproliferative neoplasms: tasks for internists
Prof. Christopher Hillis (Canada)

**Infectious diseases**
Emerging infectious threats for travelers
Prof. David Brett-Major (USA)
Diagnosis and management of urinary tract infections in an era of easy access to screening and drug resistance
Prof. Mark Loeb (Canada)

**Miscellanea**
Interpreting raised serum ferritin level: is it systemic inflammation, malignancy or something else?
Prof. Parveen Wasi (Canada)
Reinvigorating the bedside clinical examination
Prof. Brian Garibaldi (USA)

**Satellite Event**

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**Day 1, May 9**

**Conference**
Clinical cases in internal medicine: learning through practice
During this conference 20 selected case reports submitted to the Best Case Report Contest will be presented by the authors and discussed by experts recognized worldwide.

**Hands-on workshops**
Managing antiplatelet therapy in patients with coronary disease
Diagnosis and management of GCA and large vessel vasculitis
Clinical ECG for internists
How to read a chest X-ray; primer for non-radiologists
Compression ultrasound in diagnosing deep vein thrombosis
Point-of-care ultrasound (PoCUS) in volume status examination
Cardiac arrest management
Airway management: supraglottic airway devices and ventilation
Airway management: tracheal intubation
Cardioversion: the ultimate management of unstable tachyarrhythmia
Intraosseous access: alternative route of drug administration
Evidence-based medicine

This program may be subject to small changes.
For current program visit [www.mircim.eu](http://www.mircim.eu)
The Indigenous Students Health Sciences Office, Department of History and the Wilson Institute for Canadian History invite you to a book talk by:

Dr. Mary Jane Logan McCallum and Dr. Adele Perry

Mary Jane Logan McCallum is a member of the Munsee Delaware Nation and Professor of History at the University of Winnipeg. She is also a long-time research affiliate of the Manitoba First Nations Centre for Aboriginal Health Research (now Ongomiizwin – Research), a Full Professor of History at the University of Manitoba (Nil Appointed), and a founding member of NAISA, or the Native American and Indigenous Studies Association. Her research focuses on modern Indigenous histories, especially in the areas of health, education and labour. Her current work focuses on Indigenous histories of tuberculosis in Manitoba in the years 1930-1970. Themes in her current and recent work include race and racism in the English Canadian historical profession; Indigenous social history; historiography and Indigenous historical research methodology; ethics and archival research; First Nations women’s politics; and settler colonialism, racism and Canadian history.

Adele Perry is Professor of History of at the University of Manitoba, where she has taught since 2000. Perry grew up in a settler family in British Columbia, and has written about histories of colonialism in nineteenth and twentieth-century North America, western Canada, and histories of women and gender in Canada. She is the author of On the Edge of Empire: Gender, Race, and the Making of British Columbia, 18549-1871 (Toronto, University of Toronto Press, 2001), Colonial Relations: The Douglas-Connolly Family and the Making of the Nineteenth-Century Imperial World (Cambridge, Cambridge University Press, 2015) and, more recently, Aqueduct: Colonialism, Resources, and the Histories We Remember (Winnipeg, ARP, 2016). You can follow her on twitter at @AdelePerry.

Structures of Indifference examines an Indigenous life and death in a Canadian city and what it reveals about the ongoing history of colonialism. At the heart of this story is a thirty-four-hour period in September 2008. During that day and half Brian Sinclair, a middle-aged, non-Status Anishinaabe resident of Manitoba’s capital city, arrived in the emergency room of the Health Sciences Centre, Winnipeg’s major downtown hospital, was left untreated and unattended to, and ultimately died from an easily treatable infection. His death reflects a particular structure of indifference born of and maintained by colonialism.

November 6, 2018
5:00 pm to 6:00 pm
LRW 1811
Indigenous Studies Ceremonial Room

Everyone is Welcome.

For more information contact the ISHS at ishs@mcmaster.ca or 905-525-9140 Ext. 23935.
Michael DeGroote Awards

These fellowships aim to encourage and support pain research training and provide salary support to individuals with an exceptional background and an interest in a career path related to pain. Successful candidates of these awards will have the opportunity to work with faculty who are conducting innovative research and are considered among the best in their field. For more details, [click here].

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**Deadline to apply: January 2, 2019**

**Funding available: 3 awards of $20,000 per year**

The awards are designed for candidates who have an exemplary academic record and are interested in pain research within the Michael G. DeGroote Institute for Pain Research and Care (IPRC). This program is funded by an endowment through the generosity of Mr. Michael G. DeGroote. For more details, [click here].
Deadline to apply: January 2, 2019

Funding available: 3 awards of $30,000 per year

The Michael G. DeGroote Institute for Pain Research and Care Seed Grants will provide principal investigators with an opportunity to apply for funds to pursue leading-edge research in pain, following the model of using persistent post-surgical pain to understand chronic pain. The objective is that it will lead to and support grant applications for other major external funding competitions. For more details, click here.

Deadline to apply: January 2, 2019

Funding available: one grant funded up to $60,000
MIRA and the Michael G. DeGroote Institute for Pain Research and Care (IPRC) will co-fund a catalyst grant supporting a project that stimulates new collaborations and allows the collection of preliminary data on research that considers **pain and aging** as central themes. Interdisciplinary teams, involving researchers from at least three different McMaster Faculties, are invited to submit proposals that have clear potential benefits for older adults. A matching contribution of at least $10,000 (at least $5,000 cash, up to $5,000 may be in-kind) is required. For more details, [click here](#).

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**Health Research Services**

Faculty of Health Sciences

- location: HSC 3H9
- phone: 905-525-9140 x 21027
- email: hsresadm@mcmaster.ca
- web: [https://fhs.mcmaster.ca/healthresearch/](https://fhs.mcmaster.ca/healthresearch/)

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**INTERNAL DEADLINE REMINDER**

GRANT APPLICATIONS SHOULD BE SUBMITTED TO THE HRS OFFICE (HSC 3H9 OR EMAILED TO HSRESADM@MCMASTER.CA) FOR REVIEW AND INSTITUTIONAL SIGNATURE(S) TWO WEEKS PRIOR TO THE AGENCY DEADLINE.

**McMASTER UNIVERSITY SUBSCRIBES TO COS PIVOT**


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**UNSUBSCRIBING TO EMAILS FROM HSRESADM@MCMASTER.CA**

You are receiving this message because you are a member of a subject specific internal email list generated by McMaster University and/or you are in a pre-existing business relationship with McMaster University. In either case, if you believe that you should not be a recipient, you may withdraw your consent to receive these messages at any time, in accordance with Canadian Anti-Spam Legislation (CASL) and subject to McMaster University policy, by contacting the sender of this message. Please be aware that messages to McMaster University employees and students, sent for the purpose of conducting regular non-commercial University business, are not governed by CASL.

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October 18, 2018

MEMORANDUM TO: Health Sector Partners

FROM: Helen Angus
Deputy Minister
Ministry of Health and Long-Term Care

RE: Ministry Realignment

We are all committed to a patient-centred health care system that is effective and efficient and delivers high quality care for patients. Many of you are rethinking your care pathways and processes to put the patient at the centre of your organization. I believe there is great value in the ministry also organizing itself in a way that better reflects how the health system is organized, making it easier for you and patients to interact with us.

I want you to be aware of some structural changes announced today that will clarify and simplify lines of accountability and allow our organization to be more nimble and outcome focused by:

- Aligning acute and emergency services, bringing hospitals, provincial programs and emergency services together;
- Bringing together community and mental health and addictions services, including integrating youth mental health services;
- Ensuring end-to-end planning and implementation for long-term care homes;
- Integrating capital, workforce and system capacity planning;
- Aligning the Chief Medical Officer of Health with population and public health oversight;
- Combining public drug programs and assistive devices;
- Better connecting the Provincial Chief Nursing Officer with policy to provide strategic clinical nursing expertise on a broad range of health care policy and transformation initiatives. Aligning our policy, research, and innovation work to ensure patient-focused outcomes; and
- Centralizing the responsibilities for LHIN-managed health services under an Associate aligned with key capacity, workforce and planning functions allowing for end-to-end management of health services for better outcomes and improved integration.
Associate Deputy Minister, Health Services (renamed from Delivery and Implementation) Melanie Fraser, who recently joined our ministry, will have the following divisions reporting to her:

- **Acute and Emergency Services** led by Melissa Farrell, Assistant Deputy Minister, including hospitals, quality improvement, provincial programs and emergency health services.
- **Capacity Planning and Capital** led by Michael Hillmer, Assistant Deputy Minister on an interim basis, including health capital investment, capacity planning, health workforce planning and regulatory affairs.
- **Community, Mental Health and Addictions and French Language Services** led by Tim Hadwen, Assistant Deputy Minister, including local health planning and delivery, primary care and home care, as well as child, youth, forensic and justice mental health services. Transfer of programs from the Ministry of Children, Community and Social Services will be effective October 29.
- **Long-Term Care Homes**, led by Brian Pollard, Assistant Deputy Minister, including long-term care home renewal.

Divisions now reporting directly to me as the Deputy Minister include:

1. **Drugs and Devices**, led by Suzanne McGurn, Assistant Deputy Minister, including assistive devices.
2. **Ontario Health Insurance Plan**, led by Lynn Guerriero, Assistant Deputy Minister, including claims services.
3. **Chief Medical Officer of Health and Population and Public Health**, led by Dr. David Williams, including all population and public health programs and services.
4. **Strategic Policy and Planning**, led by Patrick Dicerni, Assistant Deputy Minister, including the Provincial Chief Nursing Officer, health workforce regulatory oversight, and health innovation to embed innovation earlier in the development of our strategic direction.
5. **Corporate Services**, led by Peter Kaftarian, CAO, on an interim basis.
6. **Secretariat for Ending Hallway Medicine**, led by Fredrika Scarth, Director.
7. **Associate Deputy Minister and Chief Information Officer**, led by Lorelle Taylor, Associate Deputy Minister and Chief Information Officer.
8. **Communications and Marketing**, led by Jean-Claude Camus, Assistant Deputy Minister.

As we transition, Sharon Lee Smith, Denise Cole and Roselle Martino will stay on with the ministry on assignments to support priority areas. Sharon Lee will lead the ministry Indigenous engagement efforts ensuring there is stability in our key relationships and addressing any critical issues. Denise will lead the ministry in setting up an expedited review of legislation and regulation to identify impediments to more effective and efficient operations of the health system and the ministry in its oversight role. Roselle will continue to advise on the opioid strategy.
Included in this email is a link to our new organizational chart.

I would like to take this opportunity to thank you in advance for your partnership and collaboration. Today’s announcement will ensure we are ready to work with you on the challenges and opportunities ahead.

Sincerely,

Helen Angus
## News & Events

**The 2018 Gairdner Lecture – Wednesday October 24th, 2018**

The Escalating Threats of AMR and Climate Change & Their Significance for the Field of Infectious Diseases

Speaker: King K. Holmes - BIO:

Dr. King Holmes is the William H. Foege Chair of Global Health at the University of Washington, a position he has held since 2006. He is also founder and director of the University of Washington Center for AIDS and STD, a World Health Organization Collaborating Center for AIDS and STD. Currently, Dr. Holmes is also the head of Infectious Diseases at Harborview Medical Center. Dr. Holmes completed his undergraduate degree at Harvard College in 1959, his medical degree at Cornell University Medical College in 1963 and received his Ph.D. in Microbiology from the University of Hawaii in 1967. Dr. Holmes has been a member of the University of Washington faculty since 1969, holding educational leadership positions in areas such as medicine, microbiology, epidemiology and global health. He is the principal investigator for the International Training & Education Center on Health (I-TECH), a collaborative program between the University of Washington and the University of California, one of the largest HIV/AIDS training programs in the world. Dr. Holmes also directs the University of Washington/Fred Hutchinson Cancer Research Center’s Center for AIDS Research. He has participated in research on STDs for over 40 years in Africa, Latin America, Southeast Asia, and the Western Pacific. He has authored over 550 peer-reviewed publications and edited 30 books, monographs, and journal supplements.

The lecture can be found at on the HRS [website](#).

### Tri-Agency Fund

In the coming weeks (late November or early December), it is anticipated that a call for proposals for a new **Tri-Agency Fund** will be issued. It is also anticipated that the available time between the launch and the application deadline will be minimal, reducing lead time for proposal development. Currently, the only information about the Tri-Agency Fund is found in the [Canada Research Coordinating Committee’s (CRCC) consultation document from August 2018](#).

Here is a summary of the information contained in that CRCC document:

**Available funds:**
The 2018 federal budget included $275M over five years beginning in FY 2018-19 and $65M per year thereafter to support international, interdisciplinary, fast-breaking, high-risk research.

The CRCC is proposing two funding streams:
- The first will support proof-of-concept projects, with funding up to $1 million over three years.
- The second will support large projects to develop Canadian leadership in cutting-edge interdisciplinary research fields, with funding up to $20 million over seven years.

In addition to the two streams, they are proposing to have special calls that respond rapidly and flexibly to urgent socio-economic, technological, health and environmental challenges and time-sensitive opportunities. Funding for special calls will be designed flexibly to support initiatives of varying scale, cost and duration, and be targeted to specific challenges/opportunities.

**Eligibility:**
To be eligible for either funding stream, **projects will have to be interdisciplinary and high-risk**, and international collaboration will be strongly encouraged. Funding in both streams will be open to all research areas.
Evaluation criteria:
The proposed peer review process will embrace and reward high-risk research. Proposal adjudication will include criteria such as:

- the boldness of the research question;
- the novelty of the proposed methodology;
- the possibility of high reward should the research project achieve its objectives; and
- the opportunities for Canada to provide world leadership in the proposed research area.

Likewise, based on some of the questions posed by the CRCC during the consultation process, it is anticipated that applications to the new Tri-Agency Fund will also need to take into consideration equity, diversity and inclusion, along with opportunities for early career researchers.

In anticipation of this announcement, we encourage faculty to contemplate both the eligibility and criteria listed here and prepare for any potential submissions to the new Tri-agency Fund in coordination with Health Research Services. Please contact Lisa Hodge at hodgel@mcmaster.ca or ext. 22262 if you have an interest in applying.

CIHR Fall 2018 Postdoctoral Fellowship Award Competition – School of Graduate Studies Processes
This competition is being managed by the Office of Postdoctoral Affairs in the School of Graduate Studies. Applicants are encouraged to contact OPART at postdoc@mcmaster.ca for questions regarding required paperwork, deadlines and online submissions.

General Application Process:

- Applications are prepared and submitted by students on ResearchNet by the internal deadline set by McMaster. You will not be able to submit your application on ResearchNet until all the required “tasks” on ResearchNet are completed, including the sponsor “task.”

McMaster INTERNAL RESEARCHNET DEADLINE: Monday, October 29, 2018, 12:00pm

Sponsor info is due on RNet by October 27, 2018 before 12 noon

It is important to note that it is the applicant’s sole responsibility to follow up with his/her sponsors to ensure that the assessments are submitted online by their sponsors no later than Saturday, October 27, 2018 12:00pm.

Complete instructions are available on our website.

Research Project Management Course at UofT
Good project management is vital to the success of major research projects. UofT has developed a course specifically tailored for the project management of research projects. The course has been adapted for research project management through the collaboration of an Advisory Group of faculty and staff, the School of Continuing Studies, staff from the Division of the Vice-President, Research & Innovation, and the instructor, Dr. Alison Paprica. Dr. Paprica (Assistant Professor [status] at the U of T Institute of Health Policy, Management & Evaluation), was previously the Director responsible for up to $60 million/year of government research funding and has also led numerous large-scale R&D projects in the private, public and not-for-profit sectors.

The course is designed for faculty researchers, staff scientists, post-doctoral fellows, research coordinators and those interested in a path to management and research leadership. This is the second year the course is being offered. Last year, given demand for the fall course, we mounted an additional section for the winter.

Information and registration can be found at 3382 Project Management for Research.

Invitation for feedback: Prioritizing Future Challenges for Canada
Canada’s three research granting agencies, the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council of Canada, the Social Sciences and Humanities Research Council of Canada (CIHR, NSERC, SSHRC), and the Canada Foundation for Innovation, are seeking your expertise to help prioritize which future challenges identified through a recent horizon scan are considered most important for Canada.

Outcomes from this consultation may also be leveraged to support the priorities of the Canada Research Coordinating Committee (CRCC), notably to advance efforts in identifying key emerging research areas. Stakeholders from all four
agencies are invited to participate in this consultation. Information on the CRCC’s priorities is available on the CRCC’s website. Building upon the success of SSHRC’s 2014 Imagining Canada’s Future initiative, the granting agencies partnered with Policy Horizons Canada, a federal centre of foresight expertise, to undertake a horizon scan as a first step in identifying future challenges for Canada over the next 10 to 15 years.

Policy Horizons Canada drew on sources from across digital media, academic studies, and foresight projects to identify and analyze change data for its global scan. They also conducted a literature review of over 600 early change indicators, and examined additional materials produced by Policy Horizons Canada, government departments and agencies, and other organizations around the world. These approaches were complemented by an online questionnaire engaging various key networks and foresight communities from more than 60 countries.

The scan has identified 16 future challenges with the potential to shape society in profound ways, and which are all multi-disciplinary and require broad collaboration to address. The granting agencies ask that you select one top challenge and explore its possible impacts through a brief survey. For the challenge you select, you will be asked a series of questions. You will have the option of repeating the exercise for a challenge you deem of next-most importance. The granting agencies are inviting input from a variety of individuals across the academic, private, public and not-for-profit sectors, in Canada and internationally. Beyond the 16 challenges identified in the horizon scan, you have the opportunity to identify additional challenges deemed critical to Canada’s future.

By taking part in their brief prioritization exercise, using the Futurescaper crowdsourcing tool, you will help to identify which challenges to consider for possible future programming and/or corporate activities. Once you have reviewed the 16 future challenges, the exercise will take you about 10 to 15 minutes to complete. To begin, please follow this link: **FUTURE CHALLENGES PRIORITIZATION**

Results of this foresight exercise will be available by spring 2019. Responses are anonymous, and results will be aggregated to ensure anonymity.

Associated Links:
- Imagining Canada’s Future initiative
- Policy Horizons Canada
- Canada Research Coordinating Committee
- Social Sciences and Humanities Research Council of Canada
- Natural Sciences and Engineering Research Council of Canada
- Canadian Institutes of Health Research
- Canada Foundation for Innovation

**Social Sciences and Humanities Research Council (SSHRC) Research Grants and Partnerships – Upcoming Webinars**

SSHRC will be holding a series of webinars for applicants and research administrators on upcoming competitions. The webinars will be held via Adobe Connect at the following times:

<table>
<thead>
<tr>
<th>Webinar</th>
<th>Date</th>
<th>Adobe Connect Link</th>
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<tbody>
<tr>
<td>Connection Grants (English)</td>
<td>Wednesday, November 7, 2018, 13:00-15:00 ET</td>
<td><a href="https://sshrccrsh.adobeconnect.com/rjt5jakgfaqf/">https://sshrccrsh.adobeconnect.com/rjt5jakgfaqf/</a></td>
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<tr>
<td>Connection Grants (French)</td>
<td>Thursday, November 8, 2018, 13:00-15:00 ET</td>
<td><a href="https://sshrccrsh.adobeconnect.com/rnb57d820xk6/">https://sshrccrsh.adobeconnect.com/rnb57d820xk6/</a></td>
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(Advance Registration is not required)

**Compilation of GDPR Guidances Now Available**

The Office for Human Research Protections has developed a new resource for IRBs, researchers, and sponsors that are involved in human subjects research in Europe. Titled Compilation of European GDPR Guidances, the document lists the data protection authorities of all European countries that fall under the new E.U. General Data Protection Directive (GDPR). For each country, the compilation also provides the links to any general GDPR guidances, as well as specific guidances on the topics of Research, Legal Basis, Consent, and International Data Transfer.
The new Compilation is available here: https://www.hhs.gov/ohrp/international/index.html

Canada Foundation for Innovation (CFI) – Planning for Innovation Fund 2019

The CFI Innovation Fund (IF) enables institutions to strengthen their research infrastructure in priority areas. An eligible infrastructure project involves the modernization, acquisition, development of research infrastructure with the goal of enabling Canadian researchers to tackle ground-breaking projects. We have indications that CFI plans to release a Draft Call for Proposals for the IF in the beginning of 2019.

CFI limits the amount of funding an institution may request. As such, we must be highly strategic in the applications selected for submission.

Anyone interested in submitting an IF application must meet with Dr. Bramson to discuss:
- the excellence, innovation and viability of the proposed research program;
- the need for additional infrastructure;
- eligibility and fit with the Innovation Fund mandate;
- the planned location for this project and the plan for sustainability.

To schedule a meeting, please contact Jenn Seager, ext. 22184; seagerj@mcmaster.ca

For any programmatic questions, please contact Tracy Arabski, Director Health Research Services; ext. 22515; arabski@mcmaster.ca

<table>
<thead>
<tr>
<th>Health Research Grant Competitions</th>
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<tbody>
<tr>
<td>Programs administered by Health Research Services, unless otherwise indicated. Email: <a href="mailto:hsresadm@mcmaster.ca">hsresadm@mcmaster.ca</a></td>
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<tr>
<th>Funding Opportunity (CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
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</thead>
<tbody>
<tr>
<td>CIHR – Doctoral Research Award: Vanier Canada Graduate Scholarships 2018-2019</td>
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<td>Contact Graduate Studies</td>
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<tr>
<td>CIHR - Fellowship</td>
<td>E-Approval</td>
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<td>Contact Graduate Studies</td>
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<tr>
<td>CIHR – Catalyst Grant: SPOR Innovative Clinical Trials</td>
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<td>Oct 31</td>
<td>Nov 14</td>
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<tr>
<td>CIHR - IPPH Trailblazer Award</td>
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<td>Nov 1</td>
<td>Nov 15</td>
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<tr>
<td>CIHR – Operating Grant: Geroscience Demonstration Grants</td>
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<td>Nov 15</td>
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<tr>
<td>CIHR – Master’s Award: Frederick Banting and Charles Best Canada Graduate Scholarships</td>
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<td>Contact Graduate Studies</td>
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<td>CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research</td>
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<td>Nov 27</td>
<td>Dec 11</td>
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<tr>
<td>CIHR – Team Grant: SPOR iCT Rewarding Success – Phase 3</td>
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<td>Dec 20</td>
<td>Jan 10 2019</td>
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<td>CIHR – Team Grant: Transitions in Care</td>
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<td>Jan 10 2019</td>
<td>Jan 24 2019</td>
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<tr>
<td>CIHR – Team Grant: Canadian Microbiome Initiative 2: Research Teams</td>
<td>Nov 20</td>
<td>Sep 10 2019</td>
<td>Sep 24 2019</td>
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<tr>
<th>Funding Opportunity (Non-CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
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<tbody>
<tr>
<td>Hamilton Health Sciences Health Professional Investigator Operating Grant</td>
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<td>Oct 31</td>
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<tr>
<td>Escher Fund for Autism: Investigation of F2 Neurodevelopmental outcomes of F0 pregnancy or F1 Neonatal General Anesthesia</td>
<td>Oct 31</td>
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<td>Postdoctoral Funding Opportunity – DeGroote Fellowship Awards</td>
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<td>N/A</td>
<td>Nov 1</td>
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<tr>
<td>Alzheimer Society Research Program (ASRP) 2019 Competition</td>
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<td>Oct 26</td>
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<td>Grant Name</td>
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<td>Bill &amp; Melinda Gates Foundation: Grand Challenges Explorations</td>
<td>Oct 31</td>
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<td>Social Sciences and Humanities Research Council (SSHRC): Partnership</td>
<td>Aug 30 to ROADS</td>
<td>Nov 8 to ROADS</td>
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<td>Development Grants Collaborative Housing Research Network Initiative</td>
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<td>Social Sciences and Humanities Research Council (SSHRC): Partnership</td>
<td>Nov 8 to ROADS</td>
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<td>Development Grant</td>
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<td>Canadian Hemophilia Society (CHS) Research Programs: Dream of a Cure</td>
<td>Nov 1</td>
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<td>Canadian Hemophilia Society (CHS) Research Programs: Pfizer Care until</td>
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<td>Cure Research Program</td>
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<td>Canadian Hemophilia Society (CHS) Research Programs: Novo Nordisk</td>
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<td>Fulbright Canada: Awards for Canadian Scholars</td>
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<td><strong>NEW</strong> Genomic Applications Partnership Program (GAPP)</td>
<td>Nov 4</td>
<td>Nov 18</td>
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<td>Canadian Blood Services: BloodTechNet Award Program</td>
<td>Nov 16</td>
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<td>Canadian Blood Services: Kenneth J. Fyke Award</td>
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<td>Quebec Consortium for Drug Discovery (CQDM): Quantum Leap</td>
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<td>WestGrid: Visualize This! Challenge</td>
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<td>Canadian Open Neuroscience Platform (CONP) Studentships Program</td>
<td>Nov 16</td>
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<td>ERS and The Union Joint Public Health Fellowship in Respiratory Infections</td>
<td>Nov 16</td>
<td>Dec 1</td>
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<td>Burroughs Wellcome Fund: Preterm Birth Initiative</td>
<td>Nov 20 to</td>
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<td>MITACS JSPS Summer Program</td>
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<td>Alex’s Lemonade Stand Foundation: Young Investigator Grants</td>
<td>Dec 3</td>
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<td>Alex’s Lemonade Stand Foundation: Epidemiology Grants</td>
<td>Dec 3</td>
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<td><strong>NEW</strong> Michael Degroote Pain Fellowships</td>
<td>Dec 13</td>
<td>Jan 2 2019</td>
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<td><strong>NEW</strong> Michael Degroote Graduate Studentships</td>
<td>Dec 13</td>
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<td><strong>NEW</strong> Michael Degroote Seed Grants</td>
<td>Dec 13</td>
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<td><strong>NEW</strong> Michael Degroote Catalyst Grant</td>
<td>Dec 13</td>
<td>Jan 2 2019</td>
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<td>Age-Well Core Research Program 2020-2025</td>
<td>Dec 17</td>
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<td>ERS Long-Term Research Fellowship 2019</td>
<td>Dec 19</td>
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<tr>
<td>Canadian Cancer Society (CCS): Travel Awards</td>
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<tr>
<td><strong>NEW</strong> Prostate Cancer Canada and the Movember Foundation: Discovery Grants</td>
<td>Nov 30</td>
<td>Jan 3 2019</td>
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<td>Funding Opportunity</td>
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<tr>
<td>Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Nov 1</td>
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<td>Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Nov 14</td>
<td>Nov 21</td>
<td>Dec 5</td>
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**CIHR - Doctoral Research Award: Vanier Canada Graduate Scholarships 2018-2019**

The Vanier Canada Graduate Scholarship (Vanier CGS) was created to attract and retain world-class doctoral students and to establish Canada as a global centre of excellence in research and higher learning. It is available to both Canadian and international PhD students studying at Canadian universities. The program is jointly administered by Canada’s three federal granting agencies: the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC). CIHR has been designated as the operational lead for the implementation of the program. For further information about this funding opportunity, please consult the Vanier CGS website.

**Funding Details:** The total amount available for this funding opportunity is $24,900,000, enough to fund approximately 166 awards. The maximum amount per award is $50,000 per year, for up to three (3) years and a total of $150,000 per award. This funding is non-renewable.

**Additional Details**

Contact Correen Smith in Graduate Studies to Apply

**Sponsor Deadline: October 31, 2018**

**CIHR - Fellowship**

CIHR's Health Research Training Strategy aims to equip research trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise. Generating Research Leaders of tomorrow is a key objective for CIHR. Fellowships provide support for highly qualified applicants in all areas of health research at the
post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

**Funding Details:** The awards consist of a stipend and a research allowance and are valued in Canadian dollars. It is anticipated that approximately $21 million over five years will be available through this competition. The maximum amount awarded for a single award is up to $60,000 per annum for up to 5 years. The value and duration of each award is determined by the degree(s) held, licensure (where applicable), location of tenure and experience of the applicant.

**Additional Details**

**Contact** Correen Smith in Graduate Studies to Apply

*Sponsor info is due on RNet by October 27, 2018 before 12 noon*

**Graduate Studies Internal Deadline:** October 29, 2018  
**Sponsor Deadline:** November 1, 2018

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**CIHR – Catalyst Grant: SPOR Innovative Clinical Trials**

The [Strategy for Patient-Oriented Research (SPOR)](https://www.cihr-icrhm.gc.ca/e/51801.html) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. Clinical trials are one of the elements of SPOR that responds to its goals to strengthen organizational, regulatory and financial support for clinical studies in Canada, and enhance patient and clinician engagement in research. Under this element, the Innovative Clinical Trials (iCT) initiative aims to build capacity and increase the intensity of iCT research. iCTs use designs that are alternative to traditional Randomized Controlled Trials (RCT) with application in areas ranging from product development to health system improvement. iCT methods can reduce the cost of conducting trials, reduce the amount of time needed to answer research questions, and increase the relevance of research findings to patients, health care providers and/or policy makers. Adopting these alternative designs can maximize the use of existing knowledge and data.

**Funding Details:** The total amount available for this funding opportunity is $1,000,000, enough to fund approximately ten (10) grants. The maximum amount per grant is $100,000 for up to one year.

**Additional Details**

**Internal HRS Deadline:** October 31, 2018  
**Sponsor Deadline:** November 14, 2018

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**CIHR - IPPH Trailblazer Award**

The CIHR-IPPH Trailblazer Award is expected to:

- Recognize the exemplary efforts and activities of exceptional Canadian researchers at different career stages who have created a highly influential body of work that has had a substantial impact on the field of population and public health research and its use in policy and/or practice in Canada and/or internationally. This award will identify trailblazers in public health based on the following criteria:
  1. Level of impact and experience in Canada and/or internationally in one or more of the relevant research areas in population and public health research.
  2. Level of influence on policy and/or practice in Canada and/or internationally in one or more of the relevant research areas in population and public health research.
  3. Extent of achievements in Canada and/or internationally in the areas of leadership, mentorship, and capacity building at the individual or institutional level in the area of population and public health research.

**Funding Details:** The total amount available for this funding opportunity is $37,500, enough to fund approximately three awards. The maximum amount per award is $10,000 plus an additional $2,500 for travel and accommodation for an event organized by CIHR.

**Additional Details**

**Internal HRS Deadline:** November 1, 2018  
**Sponsor Deadline:** November 15, 2018

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**CIHR – Operating Grant: Geroscience Demonstration Grants**

The Geroscience Demonstration Grants are expected to:
• Accelerate, catalyze, and build capacity for research on the early prevention of chronic diseases in aging using a geroscience approach
• Support the creation of new knowledge to improve our understanding of the relationship between mechanisms in the biological processes of aging and the development of one or several chronic conditions (e.g., diabetes, cancer, neurodegenerative diseases, arthritis, cardio-respiratory diseases)
• Support research using a geroscience approach that could lead to potential clinical impacts.

Funding Details: The total amount available for this funding opportunity is $3,600,000, enough to fund approximately 8 grants. The maximum amount per grant is $150,000 per year for up to 3 years for a total of $450,000 per grant. This amount may increase if additional funding partners participate.

Additional Details
Internal HRS Deadline: November 1, 2018
Sponsor Deadline: November 15, 2018

CIHR – Master’s Award: Frederick Banting and Charles Best Canada Graduate Scholarships
The specific objective of the Government of Canada's Canada Graduate Scholarships program is to help ensure a reliable supply of highly qualified personnel to meet the needs of Canada's knowledge economy. The Canada Graduate Scholarships Master's Awards are intended to provide special recognition and support to students who are pursuing a Master's degree in a health related field at a Canadian institution. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

Funding Details: The total amount available for this funding opportunity is $7M, enough to fund approximately 400 awards. Trainee stipend: $17,500 for 12 months, non-renewable.

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: December 3, 2018

CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research
The Centres for HIV/AIDS, Hepatitis C and other STBBIs Research are expected to improve health and access to effective programs and services for people living with and at risk of HIV, Hepatitis C and other STBBIs, particularly for populations most affected. The specific objectives of the Centres are to:
• foster coordination of research efforts by developing and supporting a network of collaborative Centres;
• develop and/or strengthen high quality infrastructure for implementation science, health services and population health research to enable Canadian HIV, Hepatitis C and other STBBI researchers to conduct innovative, high quality, collaborative research;
• facilitate implementation science, health services and population health research training and mentoring initiatives to strengthen the capacity of trainees; and
• accelerate the translation and uptake of knowledge and implementation of evidence to inform practices, policies and programs through models of integrated knowledge translation and innovative strategies that engage stakeholders and partners (including people living with HIV, community organizations, clinicians, policy makers and relevant networks).

Funding Details: The total amount available for this funding opportunity is $10,000,000, enough to fund approximately two to three grants. This amount may increase if additional funding partners participate. Centres may be variable in size; it is anticipated that requested budgets will range from $400,000 to $1,000,000 per annum. The maximum amount per grant is $1,000,000 per year for up to 5 years for a total of $5,000,000 per grant.

Additional Details
Internal HRS Deadline: November 27, 2018
Sponsor Deadline: December 11, 2018

CIHR – Team Grant: SPOR iCT Rewarding Success – Phase 3
The Strategy for Patient-Oriented Research (SPOR) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. All recipients of funding through SPOR are required to adhere to the following principles:
• Patients need to be involved in all aspects of the research to ensure questions and results are relevant;
• Decision-makers and clinicians need to be involved throughout the entire research process to ensure integration into policy and practice;
• Funding under SPOR is based on a 1:1 matching formula;
• Effective patient-oriented research requires a multi-disciplinary approach; and
• SPOR is outcome driven and incorporates performance measurement and evaluation as integral components of the initiative.

Funding Details: The total amount available from CIHR for this funding opportunity is $12,000,000, enough to fund approximately five grants. The maximum amount per grant is $600,000 per year for up to four years for a total of $2,400,000.

Additional Details
Internal HRS Deadline: December 20, 2018
Sponsor Deadline: January 10, 2019

CIHR – Team Grant: Transitions in Care
The TiC team grants are expected to:
• Produce results that are applicable, adaptable and ready for equitable spread and scale by a health provider through implementation research that is relevant to patients, communities, and decision-makers;
• Improve health outcomes, patient experience, effectiveness, and lower the cost of care within two (2) or more of the TiC focus areas through identifying, evaluating and implementing evidence-based and/or effective solutions, including eHealth solutions;
• Build novel multi-disciplinary and trans-disciplinary collaborations and partnerships with individuals and organizations in Canada that have interest in transformative research in care transitions by promoting engagement, recognition and respect for health research expertise across an array of health disciplines, research pillars, and industry;
• Build and promote relevant transitions in care research capacity, including training and early career development, by supporting teams that actively engage established researchers, early career investigators, trainees, and knowledge-users.

Funding Details: The total CIHR amount available for this funding opportunity is $9.6 million enough to fund approximately ten (10) grants. This amount may increase if additional funding partners participate.

Additional Details
Internal HRS Deadline: January 10, 2019
Sponsor Deadline: January 24, 2019

CIHR – Team Grant: Canadian Microbiome Initiative 2: Research Teams
The objectives of the Canadian Microbiome Initiative 2 Research Teams funding opportunity are to:
• Create knowledge through translational research on the causational links between microbiome and human health and disease, with consideration of sex as a biological variable and gender as a social determinant of health.
• Encourage interdisciplinary collaborations and foster Canadian expertise in microbiome and human health and disease to build synergies and facilitate the sharing of data and resources.
• Build upon and further the platforms and services provided by the CMI2 Research Core to build synergies, facilitate the sharing of data and resources and facilitate knowledge translation

Funding Details: The total amount available for this funding opportunity is $14,350,000 (not including Supplementary Partner Funding). This amount may increase if additional funding partners participate.

Additional Details
LOI Deadline: November 20, 2018
LOI Deadline: September 10, 2019
Sponsor Deadline: September 24, 2019

Hamilton Health Sciences Health Professional Investigator Operating Grant
The Health Professional Investigator (HPI) Operating Grant provides project funding to principal investigators (PI) who are HHS-employed healthcare professionals. Inter-professional teams, which include physicians, are encouraged, but physicians are not eligible to apply as lead PI for this grant. The HPI Operating Grant is for research initiatives directly relevant to the clinical mission and priorities/strategic plan of HHS (Patients, People, Sustainability, Innovation and Learning). The grant objective is to provide support for pilot studies or research projects that have the potential to lead to larger projects and the possibility of external funding.
The HPI Operating Grant offers an opportunity to foster and support a culture of inquiry for novice to mid-career investigators under the mentorship of experienced researchers.

**Additional Details**

**HRS Deadline:** N/A

**Sponsor Deadline:** October 31, 2018

**Escher Fund for Autism:** Investigation of F2 Neurodevelopmental outcomes of F0 pregnancy or F1 Neonatal General Anesthesia

The study by Ju et al, *Role of epigenetic mechanisms in transmitting the effects of neonatal sevoflurane exposure to the next generation of male, but not female, rats*, found neonatal exposure to sevoflurane can affect the next generation of males via germline mediated epigenetic mechanisms, while females were at diminished risk. The study is not the first animal model to observe a next-generation effect of GA. In 1981, Chalon et al found learning retardation in offspring of murine parents exposed to GA in utero—in other words, mental impairment in the grandpups of the exposed gestating dams. See *Exposure to halothane and enflurane affects learning function of murine progeny*. And in 1984 the same lab noted that alterations to reproductive cells of adult male mice via the GA agent enflurane adversely affected learning function of their offspring.

**Funding Details:** $25,000

**Additional Details**

**LOI Deadline:** October 31, 2018

**HRS Deadline:** N/A

**Sponsor Deadline:** TBD

**Postdoctoral Funding Opportunity – DeGroote Fellowship Awards**

The Michael G. DeGroote Fellowship Awards are an opportunity for excellent postdoctoral candidates to pursue top-level research training. First awarded in 2008, the awards provide funding to research-intensive individuals looking to further their academic career in the Faculty of Health Sciences at McMaster University.

**Eligibility**

Only candidates who are (a) external to McMaster, or (b) internal students who have yet to begin postdoctoral or health professional degree studies at McMaster, or (c) internal students who began their postdoctoral or health professional degree studies at McMaster no earlier than January 1, 2018, will be eligible for the awards. For candidates who hold (or are completing) a PhD, the proposed supervisor(s) listed in their application must be different than their PhD supervisor. Priority will be given to those applicants whose graduate training has not been exclusively at McMaster.

**Expectations**

It is expected that winning applicants will seek out and attain external funding within their one-year award term. Supervisors are expected to assist their candidates in doing so.

**Further Information**

For more information on the awards, please visit the awards website or send any questions to mgdfa@mcmaster.ca.

**Funding Details:** Each award provides non-renewable funding of $50,000 for one year for successful applicants. The funding is comprised of $40,000 from the Michael G. DeGroote Health Sciences Development Fund and $10,000 contributed by the applicant’s supervisor.

**Additional Details**

**HRS Deadline:** N/A

**Sponsor Deadline:** November 1, 2018

**Alzheimer Society Research Program (ASRP) 2019 Competition**

The Alzheimer Society Research Program (ASRP) is a successful collaborative initiative of our Federation, within which all the provincial Alzheimer Societies, the Alzheimer Society of Canada (ASC), partners and donors pull together to support research directed at both eradicating dementia and ameliorating the lives of those affected by it. The ASRP provides grants and awards to support Canadian studies that promise new insights into causes, prevention, diagnosis, treatment and management of Alzheimer’s disease and other dementias.

**Awards**

- Doctoral Awards provide an opportunity for promising individuals, pursuing a PhD, to begin the process of becoming future independent investigators in the field of Alzheimer’s disease and other dementias.
• Postdoctoral Awards are for graduates with a PhD or MD who wish to gain additional research experience within an established research environment.

Grants
• New Investigator Grants are designed to help launch the careers of outstanding researchers who are within the first 2 years of their initial academic appointment.
• Regular Grants are designed to fund established researchers.

Funding Details:
• Doctoral - $22,000 per year for 3 years.
• Postdoctoral - $41,500 per year (PhD) or $51,500 per year (MD) for 2 years.
• New Investigator Grant - $75,000 per year for 3 years.
• Research Grant - $75,000 per year for 2 years.

Bill & Melinda Gates Foundation: Grand Challenges Explorations
The Bill & Melinda Gates Foundation is inviting proposals for the latest round of the Grand Challenges Explorations initiative. Applications on the following six topics will be accepted until Wednesday, November 14, 2018 11:30 am PST:
• Increasing Demand for Vaccination Services
• New Approaches for Manufacturing Gut Microbial Biotherapeutics
• Innovation for WASH in Urban Settings
• New Approaches for Strategic Prioritization of Agricultural Development Policies
• Tools and Technologies for Broad-Scale Pest and Disease Surveillance of Crop Plants in Low-Income Countries
• Innovations Driving Programmatic Performance in Immunization: Service Experience and Data Use + Measurement

We also invite all who have applied to Grand Challenges Explorations over its 10-year history to fill out a short survey. This survey was sent to you on August 2 from our research partner, the National Business Research Institute (NBRI). Thank you to the over 5,000 who have already responded. We will be resending the survey to those who have not yet responded. We hope to learn as comprehensively as possible what direct and indirect impact the initiative has had, whether the proposal was funded by the Gates Foundation or not – and we expect to identify ways we can improve this way of seeking and funding great ideas from all over the world.

Funding Details: Initial grants are for USD $100,000 and successful projects are eligible to receive follow-on funding of up to USD $1 million.

Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants

Collaborative Housing Research Network Initiative
A new SSHRC/CMHC joint initiative is now available for PDG applicants. SSHRC and CMHC are partnering to fund research related to housing in order to help set the stage for the creation of a Collaborative Housing Research Network. Research projects undertaken by teams composed of academics, as well as non-academics, will focus on 5 priority areas that were determined by CMHC:
• Housing for those in greatest need
• Community Housing Sustainability
• Northern Housing
• Sustainable Housing and Communities
• Balanced Supply of Housing

The first stage of this two-stage competition will be through the Partnership Development Grants competition. Successful applicants will be invited to submit a proposal at the second stage.

Funding Details: $75,000 to $200,000 1 to 3 years
Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grant

The objective of the Partnership Development Grantis to provide support to new or existing formal partnerships to:

- Develop research and/or related activities, knowledge mobilization, and the meaningful involvement of students/emerging scholars in the social sciences and humanities, by fostering new partnerships with existing and/or potential partners; or
- Design and test new partnership approaches for research and/or related activities that may result in best practices/models that either can be adapted by others or have the potential to be scaled up to a regional, national, or international level.

Funding Details: $75,000 to $200,000 over 1-3 years

Additional Details

Draft Application Due to ROADS: October 16, 2018
Final Application Due to ROADS: November 8, 2018
Sponsor Deadline: November 15, 2018

*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*

Canadian Hemophilia Society (CHS) Research Programs: Dream of a Cure

The CHS Dream of a Cure Research Program, through funds provided by the Hemophilia Research Million Dollar Club and the Canadian Hemophilia Society, supports research focused on improving the health and the quality of life of all people with inherited bleeding disorders and finding a cure. The Canadian Hemophilia Society invites applicants to apply for basic scientific research grants in fields relevant to hemophilia A and B, von Willebrand disease, rare factor deficiencies, platelet function disorders (and platelet pathophysiology) and other congenital and acquired bleeding disorders.

Funding Details: Individual grants valued at $75,000 per year and per project will be awarded to researchers for a maximum of $150,000 which can be expended over 2 or 3 years.

Additional Details

Internal HRS Deadline: November 1, 2018
Sponsor Deadline: November 15, 2018

Canadian Hemophilia Society (CHS) Research Programs: Pfizer Care until Cure Research Program

This program allows Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders, including outcome evaluation. Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrand disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder.

Funding Details: Individual grants valued at $75,000 per year will be awarded to researchers for a maximum of $150,000 which can be expended over 2 or 3 years.

Additional Details

Internal HRS Deadline: November 1, 2018
Sponsor Deadline: November 15, 2018

Canadian Hemophilia Society (CHS) Research Programs: Novo Nordisk Psychosocial Research Program

The Canadian Hemophilia Society – Novo Nordisk Canada Psychosocial Research Program was created to engage professionals/graduate students from the allied health disciplines (i.e. Nursing, Physiotherapy & Social Work) in research activities addressed to understanding the psychosocial impact of hemophilia and other inherited bleeding disorders and to improve the quality of life of persons and families whose lives are affected by these disorders. The Research Grants are made possible thanks to generous financial support from Novo Nordisk Canada. Novo Nordisk develops, manufactures and markets products that make a significant difference to patients, the medical profession and society. Novo Nordisk has a leading position within areas such as coagulation disorders, growth disorders and hormone replacement therapy. In addition, Novo Nordisk is also the world leader in diabetes care. The CHS is proud to be in a partnership with Novo Nordisk in order to offer this important Research Program.
Funding Details: The primary intent of this program is to offer one or two $20,000 research grants, to a maximum of $40,000 for one year.

**Additional Details**

**Internal HRS Deadline:** November 1, 2018  
**Sponsor Deadline:** November 15, 2018

**Hamilton Health Sciences Early Career Awards**

The Hamilton Health Sciences Research Early Career Awards are research personnel stipends awarded annually. These Early Career Awards are to be used to help the applicant pursue research in their specialty area through either purchasing a portion of time for the applicant’s salary OR a portion of time for salaries of research personnel who are supervised by the applicant.

**Funding Details:** Funding will be allocated to support up to eight awards each year. The value of each award will be up to $50,000 annually. Benefits are not included. The duration of the award will be up to three years.

**Additional Details**

**Internal HRS Deadline:** N/A  
**Sponsor Deadline:** November 15, 2018

**Fulbright Canada: Awards for Canadian Scholars**

Fulbright Canada has recently announced the following Awards for Canadian Scholars:

1) **Canadian Traditional Scholar Awards**, the objective: to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research center of their choice in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States and the relationship between the two countries. Applicants should also clearly document the need to be in residence in Canada to carry out the project. [Additional Details]

2) **Canadian Visiting Research Chairs** are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions. [Additional Details]

**Funding Details:**

- **Canadian Traditional Scholar Awards** - up to $12,500 for one semester, September 2019 or January 2020
- **Canadian Visiting Research Chairs** – up to $25,000 for one semester, September 2019, or January 2020

**Internal HRS Deadline:** November 1, 2018  
**Sponsor Deadline:** November 15, 2018

**Genomic Applications Partnership Program (GAPP)**

The GAPP funds public-private research collaborations focused on developing genomics-derived technologies that address opportunities and challenges identified by industry, government, not-for-profits or other “Receptors” of genomics knowledge and tools. The program provides a unique opportunity for Receptor organizations to collaborate with an ‘omics researcher, and to leverage their R&D investments with public funding.

**Funding Details:** [Funding Details] $300,000 to $6 million for 1 to 3 years.

**Additional Details**

**Internal HRS Deadline:** November 4, 2018  
**Sponsor Deadline:** November 18, 2018

**Canadian Blood Services: BloodTechNet Award Program**

The Objective: To support the development of innovative educational projects that network the Transfusion, Cellular Therapy and Transplantation communities in Canada. These projects deliver educational tools and resources that support the development of skills, knowledge, and expertise of the health professionals in this network. The Applicant must be a health professional belonging to the transfusion, cellular therapy and/or transplantation communities in Canada. The Program is targeted towards Medical Lab Technologists, Nurses, and Physicians.

**Funding Details:** Max of $50,000 for 1 year.
Canadian Blood Services: Kenneth J. Fyke Award
The objective: To support health services and policy research to promote the development of evidence-based Canadian practices and policies in blood transfusion, blood stem cell transplantation, organ and tissue transplantation for the benefit of Canadian patients.

Funding Details: Max of $100,000 for 1 year.

Quebec Consortium for Drug Discovery (CQDM): Quantum Leap
The objective of the Quantum Leap funding opportunity is to 1) support innovative, translational biopharmaceutical research projects, 2) enable technologies, innovative platforms and/or innovative therapies, 3) fund projects that a) focus on developing cutting-edge technologies with the potential to significantly advance the R&D activities of CQDM’s pharmaceutical members, and b) have potential to significantly improve, facilitate and/or accelerate the drug discovery process, and the development of safer and more effective drugs. The technologies of interest can be at any stage of the drug development process and involve a wide range of therapeutic indications. Projects are associated with specific deliverables and must be ready for use by CQDM pharmaceutical members upon completion.

Funding Details: $500,000 - $1,200,000 over 1-3 years.

WestGrid: Visualize This! Challenge
Visualize This! Challenge is a Canada-wide competition that aims to celebrate the innovative ways visualization can help researchers explore datasets and answer important scientific questions. Visualize This! provides an opportunity to challenge your creativity, experiment with new visualization tools, and contribute to the growth of data visualization in Canada. This year the challenge is comprised of two separate competitions:

- Scientific visualization challenge based on a molecular dynamics simulation dataset, and
- Humanities visualization challenge based on the Orlando British Women’s Writing Dataset.

Both datasets will be made available on the competition webpage, and participants may download any time after October 1, 2018. Submissions will be reviewed by members of the Compute Canada Visualization Team. Points will be given for: Interactive visualizations; visualizing the 3D multi-scale nature of the data; Online presentation in a browser; and clear innovative display of multiple variables. Participants from all research fields are encouraged to enter.

Prize Details:
- High-capacity external SSD drives
- Free registration and subsidized travel to a WestGrid 2019 Research Computing Summer School
- Your visualization showcased on the websites of Compute Canada, WestGrid, Compute Ontario, Calcul Québec, and ACENET.
- Opportunity to present to the research community at an upcoming Compute Canada/WestGrid event

Canadian Open Neuroscience Platform Studentships Program
Our Scholar program will support and create a new network of highly-qualified personnel who are currently pursuing an advanced degree (e.g. PhD, MS, PharmD, or JD) in order to undertake - for a period of up to one year a specific collaborative project that is directly related to building platforms, resources, datasets, analytics or disseminating neuroscience results that will contribute to the advancement of open neuroscience. Examples of potential projects include:

- a database linking key results across organisms or two or more data modalities;
• building an open science publishing or communication tool for the global dissemination of high dimensional sequencing or gene expression data;
• novel approaches to standardizing large-scale data;
• engaging multiple CONP stakeholders in an open data framework to foster the identification and timely advancement of early-stage clinical targets with therapeutic potential in neurological disorders. Scholars supported by CONP will be encouraged to publish their work in traditional journals, as well as disseminate their work via non-traditional open science platforms relevant for their specific project, whether this be a programming workspace, arXiv, bioRxiv, a blog, or another format.

Funding Details: Up to $25,000 per year.

Additional Details
Internal HRS Deadline: November 16, 2018
Sponsor Deadline: November 30, 2018

ERS and The Union Joint Public Health Fellowship in Respiratory Infections
The ERS and The Union Joint Public Health Fellowship in Respiratory Infections aims to build capacity in the area of respiratory epidemiological/public health, population-based research by providing a fellowship recipient with the opportunity of a 12-month fellowship based at one of The Union’s offices. The first pilot fellowship scheme will take place at The Union’s office in India, with one selected fellow starting a 12-month fellowship between 1 June and 1 November 2019. The fellowship: Project Axshya, a unique civil society initiative, is implemented in India by The Union South East Asia Office supported by The Global Fund. The project is being implemented in 128 districts across 14 states to increase the visibility and accessibility of the TB program services, with special focus on marginalized and vulnerable communities who are at most at risk of developing TB.

The project’s key objective is early case detection through active case finding (ACF) among high risk population groups. The key interventions implemented include:
• Door-to-door screening of high-risk population groups for TB
• Health camps in congregate settings like prisons, shelter homes etc.
• Fast tracking of presumptive TB patients in high case load health facilities.
• Active surveillance through village level volunteers in identified villages.

Funding Details: Annual in EURO Gross living stipend (total for 12-month period) 36’000.- (3’000.- monthly) One off travel allowance 1’200.- (one off) Childcare support allowance, if applicable (per one child, total for 12-month period) 4’200.- (350.- monthly) Contribution towards visa / work permit provided by The Union, if applicable 500.- (one off).

Additional Details
Internal HRS Deadline: November 16, 2018
Sponsor Deadline: December 1, 2018

Burroughs Wellcome Fund: Preterm Birth Initiative
The objective of the Preterm Birth Initiative is to 1) increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth, 2) stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative, basic and translation science methods. Encouraged to apply:

a) reproductive scientists and investigators who are involved in other areas;
b) postdoctoral fellows nearing their transition to independent investigator status through senior established investigators.

Focus: Molecular and computational approaches (e.g., genetics/genomics, immunology, microbiology, evolutionary biology, mathematics, engineering, and other basic sciences) independently or in conjunction with more traditional areas of parturition research (e.g., maternal fetal medicine, obstetrics, and pediatrics).

Funding Details: $125,000 per year for 4 years.

Additional Details
Internal HRS Deadline: November 20, 2018
Sponsor Deadline: December 4, 2018

MITACS JSPS Summer Program
The Mitacs-JSPS Summer Program, offered in partnership with the Japan Society for the Promotion of Science (JSPS) provides opportunities for graduate students and postdoctoral fellows in Canada to pursue collaborative research in Japan, allowing them to advance their own research while promoting scientific progress in both Japan and Canada.
Program Details

- Open to: graduate students and postdoctoral fellows at Canadian universities in all disciplines
- Citizenship: Canadian citizens and permanent residents
- Funding: JSPS arranges round-trip airfare and insurance. Mitacs and JSPS provide an allowance for the student or postdoctoral fellow (equivalent to $34,000 yen in total). Host supervisors are eligible for a research support allowance.
- Destination: universities and research institutes in Japan
- Project length: 10 weeks (June 11-August 21, 2019; dates are tentative and subject to change)

Funding Details: For each approved award, JSPS will provide:

- Round-trip airfare. Flight arrangements are made by JSPS's designated travel agent based on JSPS regulations.
- Maintenance Allowance ($34,000 yen, less $3,000 CAD from Mitacs paid to the Canadian home university), as well as hotel room charges at Narita and Tokyo, and meals and accommodation charges at SOKENDAI.
- Insurance during participant's stay in Japan (full details provided to successful fellows in the JSPS acceptance package)
- A research support allowance of up to 158,500 yen for the host supervisor's research-related expenses.
- No funds will be released if the completed International Pre-Destination Form and/or Mitacs Code of Conduct and Ethics forms are outstanding.
- Travel to the destination prior to the approval of the award is not permitted and neither Mitacs nor JSPS is responsible for any costs incurred before the application is approved.

Additional Details

Internal HRS Deadline: November 21, 2018
Sponsor Deadline: December 5, 2018

CFN Interdisciplinary Fellowship Program 2019

A crucial part of our Canadian Frailty Network’s mandate is to develop the next generation of Highly Qualified Personnel (HQP) – the scientists and educators, clinicians, and health and social services professionals that will improve care for older adults living with frailty. The CFN Interdisciplinary Fellowship Program goes beyond traditional academic and clinical training opportunities by offering enriched experiential learning and interdisciplinary collaboration.

For graduate and PhD students, post-docs and working professionals, the one-year CFN Interdisciplinary Fellowships are an interdisciplinary, experiential program offered in partnership with member institutions and partners across the country.

The 2019 cohort period runs from September 1, 2019 to August 31, 2020. This is the seventh cohort of Fellows, and to-date CFN has funded 61 Interdisciplinary Fellows supervised by 47 network investigators at 24 Host Institutions.

Funding Details:

- Master’s Student Level: CFN $12,500, Partner $12,500, Total $25,000.
- PhD Student Level: CFN $17,500, Partner $17,500, Total $35,000.
- Postdoctoral or Working Professional Level: CFN $25,000, Partner $25,000, Total $50,000.

Additional Details

LOI Deadline: November 13, 2018
Internal HRS Deadline: November 27, 2018
Sponsor Deadline: December 11, 2018

Alex’s Lemonade Stand Foundation: Young Investigator Grants

The Young Investigator grant is a 3-year award designed to support scientists in the early stages of their research careers, such as postdoctoral or clinical fellows. Outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application.

Funding Details: $50,000 annually for three years.

Additional Details

Internal HRS Deadline: December 3, 2018
Sponsor Deadline: December 17, 2018

Alex’s Lemonade Stand Foundation: Epidemiology Grants
These awards will support investigators pursuing research studies in human populations using epidemiological approaches aimed at improving our understanding of childhood cancer. This grant mechanism is designed to support hypothesis-driven research that focuses on the epidemiology, early detection and prevention of childhood cancer or comparative effectiveness and outcomes research related to detection, prevention, and treatment.

**Funding Details:** $100,000 annually for two years.

**Additional Details**

Internal HRS Deadline: December 3, 2018  
Sponsor Deadline: December 17, 2018

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**Michael Degroote Pain Fellowships**

These fellowships aim to encourage and support pain research training and provide salary support to individuals with an exceptional background and an interest in a career path related to pain. Successful candidates of these awards will have the opportunity to work with faculty who are conducting innovative research and are considered among the best in their field.

Funding Details: 2 awards of $60,000 per year.

**Additional Details**

Internal HRS Deadline: December 13, 2018  
Sponsor Deadline: January 2, 2018

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**Michael Degroote Graduate Studentships**

The awards are designed for candidates who have an exemplary academic record and are interested in pain research within the Michael G. DeGroote Institute for Pain Research and Care (IPRC). This program is funded by an endowment through the generosity of Mr. Michael G. DeGroote.

Funding Details: 3 awards of $20,000 per year.

**Additional Details**

Internal HRS Deadline: December 13, 2018  
Sponsor Deadline: January 2, 2018

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**Michael Degroote Seed Grants**

The Michael G. DeGroote Institute for Pain Research and Care Seed Grants will provide principal investigators with an opportunity to apply for funds to pursue leading-edge research in pain, following the model of using persistent post-surgical pain to understand chronic pain. The objective is that it will lead to and support grant applications for other major external funding competitions.

Funding Details: 3 awards of $30,000 per year.

**Additional Details**

Internal HRS Deadline: December 13, 2018  
Sponsor Deadline: January 2, 2018

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**Michael Degroote Catalyst Grant**

MIRA and the Michael G. DeGroote Institute for Pain Research and Care (IPRC) will co-fund a catalyst grant supporting a project that stimulates new collaborations and allows the collection of preliminary data on research that considers pain and aging as central themes. Interdisciplinary teams, involving researchers from at least three different McMaster Faculties, are invited to submit proposals that have clear potential benefits for older adults. A matching contribution of at least $10,000 (at least $5,000 cash, up to $5,000 may be in-kind) is required.

Funding Details: 1 grant funded up to $60,000.

**Additional Details**

Internal HRS Deadline: December 13, 2018  
Sponsor Deadline: January 2, 2018

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**Age-WELL Core Research Program 2020-2025**

AGE-WELL will provide significant funding for 3 to 5 years to projects that:

- Are driven by real-world problems and challenge areas
- Address specific areas of interest to AGE-WELL and its partners and stakeholders
Focus on innovative technology-based solutions to support older adults and caregivers
- Are user-centered, involving end-users and stakeholders in all stages of the research
- Deliver not only the technology but the practice, policy, and service delivery models that are needed for the solution to be effective
- Use a transdisciplinary approach
- Have the potential to lead to economic and social impact
- Help AGE-WELL to achieve its mission

Successful applications will also receive a one-year Catalyst Grant, starting April 1, 2019, so that these selected projects can continue to develop their plans. AGE-WELL has partnered with Mitacs and MEDTEQ to provide additional funding as part of this RFP. Additional partners and collaborators may join this funding initiative over the coming months.

Funding Details: The maximum investment per Core Research Project is $200,000 per year (commencing April 1, 2020) for a minimum of 3 to a maximum of 5 years, for a maximum of $1,000,000 per grant.

Additional Details
Internal HRS Deadline: December 17, 2018
Sponsor Deadline: January 04, 2019

ERS Long-Term Research Fellowship 2019
Long-Term Research Fellowships (LTRF) enable investigators and clinicians in the early stages of their career to carry out basic, translational or clinical research projects. Through this experience, young scientists learn and apply advanced research procedures and techniques not available at their home institute. Since 2015, ERS has increased the number of fellowships on offer by welcoming applicants from scientifically developing countries, and through partnerships with other organizations. Applicants are selected based on their scientific merit and the skills and experience they can bring to a new center.

Funding Details: Subsistence monthly rate - €2,900. Child allowance (monthly rate per child) - €380. See additional details for more information.

Additional Details
Internal HRS Deadline: December 19, 2019
Sponsor Deadline: January 14, 2019

Canadian Cancer Society (CCS): Innovation Grants
Innovation Grants support the highest quality creative problem solving in cancer research. The goal of the Innovation program is to support the development and testing of unconventional concepts and approaches to address problems in cancer research, enhance our understanding of cancer, and generate new approaches to confront the challenges we face in defeating cancer.

Successfully funded Innovation projects are ideally based on “high risk” ideas that have a strong potential for “high reward”. They are feasible and doable by the applicant(s), but not necessarily based on a significant amount of preliminary data. With strong emphasis on innovation, the program encourages bold attempts to test novel hypotheses and/or generate new knowledge and/or improvements related to cancer prevention, detection, diagnosis, treatment, and support. Therefore, applications that explicitly address the Canadian Cancer Society’s mission to eradicate cancer and enhance the quality of life of people living with cancer are encouraged from across all areas and disciplines of cancer research.

It is hoped that this program will accelerate the introduction of innovation into the entire cancer research system and contribute to the scientific idea pipeline. Proposals with scientific merit that are deemed derivative, pursue next logical steps, or seek to make incremental advancements are not considered innovative. Significant findings from investigators funded by Innovation Grants may be developed further through CCS Research "Innovation to Impact" and “Impact” Grants or operating grants offered by other agencies.

Funding Details: Budgets awarded may be up to $100,000 per year and a maximum of $200,000 per grant.

Additional Details
Internal HRS Deadline: January 2, 2019
Sponsor Deadline: January 15, 2019

Canadian Cancer Society (CCS): Innovation to Impact Grants
This program is designed to support the logical next steps of a positive, innovative, 'high risk/high reward' research grant, with the goal of working towards or achieving a significant impact on cancer.
The Innovation to Impact Grants are designed to continue the CCS funding pipeline between successful Innovation and Impact Grants. Applicants are cautioned to carefully review the full description for details on the eligibility criteria for this funding opportunity.

Innovation to Impact Grants (i2I) are intended to support the further development of significant findings based on the goals originally explored through a funded CCS Innovation Grant. Note: Only investigators with a funded Innovation Grant with a project end date between January 1, 2016 and July 31, 2019 are eligible for this program.

Applicants are required to articulate significant achievements from the original Innovation Grant (i.e., significant new knowledge, publications, intellectual property, technology development, or relevant endpoints) and clearly describe and justify the progression to the new research proposed. Applicants must also describe the potential for impact of the proposed project on cancer. Investigators looking to explore unexpected outcomes or ideas not originally proposed in a funded Innovation Grant are encouraged to apply for a new Innovation Grant as the Innovation to Impact Grant program is designed to build upon successful outcomes from the objectives of the original Innovation grant.

**Funding Details:** Budgets awarded may be up to $150,000 per year for up to 3 years, to a maximum of $450,000 per grant.

**Additional Details**

**Internal HRS Deadline:** January 2, 2019

**Sponsor Deadline:** January 15, 2019

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**Canadian Cancer Society (CCS): Travel Awards**

A limited number of Travel Awards to PhD or MD/PhD students, and post-doctoral/medical/clinical fellows are available. The purpose of this program is to defray the travel costs associated with making a scientific presentation as a first author or presenter at a conference, symposium or other appropriate professional meeting.

Applicants must be either a:
- Registered student in a PhD or MD/PhD program
- Post-doctoral fellow (within 5 years of attaining their PhD)
- Medical resident/clinical fellow (within 5 years of attaining their MD)

At the time of the conference, PhD/MD students must be registered at an eligible Canadian host institution.

Trainee positions must be undertaken at an eligible Canadian institution.

Candidates must be attending a conference for the purpose of presenting data (paper or poster presentation) from a cancer-related project on a first-author or presenter basis. Applications will be accepted for conference dates within 6 months of the competition deadline date*. Applications will not be accepted for conferences that have already taken place. Note that acknowledgement of CCS funding must be included in the paper or poster.

*Please note that starting with the January 2019 competition, applications will be accepted for conference dates within 6 months following the funding start date.

**Funding Details:** Eligible expenses include: 1) Conference registration fees; 2) Accommodations; and 3) Transportation and will not exceed $2,000.

**Additional Details**

**Internal HRS Deadline:** January 2, 2019

**Sponsor Deadline:** January 15, 2019

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**Prostate Cancer Canada and the Movember Foundation: Discovery Grants**

The objective of the Discovery Grants is to support novel and innovative prostate cancer research that will lead to new lines of investigation. The grant is designed to:
- Allow both junior and more established investigators to pursue new avenues of exploration;
- Allow applications from all areas of prostate cancer research;
- Fund applications that will have been evaluated by a rigorous peer-review process that assessed a) innovation, b) track record of investigator team, c) methodology and feasibility of the proposed work, d) potential impact on prostate cancer.

The research project may address any of the broad areas of prostate cancer research including but not limited to biomedical, clinical, population health, and health services/economics.

**Funding Details:** Max of $100,000 over a max of two years.
Ontario-Jiangsu Industrial Research and Development Program (OJIRDP)
The Ontario-Jiangsu Industrial Research and Development Program (OJIRDP) supports joint industrial R&D projects focusing on the development of products or processes that will lead to commercialization in global markets. A partnership of the Jiangsu Science and Technology Department (JSTD) and the Ontario Ministry of Economic Development, Job Creation and Trade (MEDJCT), OJIRDP supports projects leading to commercial success and socio-economic benefits for both jurisdictions.
Funding Details: OCE will support up to 50 per cent of the total eligible direct research costs, to a maximum of $125,000 CAD per project (for academic applicants) or $150,000 CAD per project (for company applicants) for the Ontario portion of the project. JSTD will support up to 50 per cent of the total eligible direct research costs, to a maximum of ¥1 million RMB per project, for the Jiangsu portion of the project.

Cancer Research Society: Operating Grants
The objective of the Operating Grants is to support fundamental, early translational, and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating this disease.
Funding Details: $60,000 per year for 2 years.

Alzheimer’s Drug Discovery Foundation: The Treat FTD Fund
Launched in 2016, the Treat FTD Fund is a joint effort by the Alzheimer’s Drug Discovery Foundation (ADDF) and the Association for Frontotemporal Degeneration (AFTD) to support clinical development of novel or repurposed drugs for FTD disorders. Running clinical trials in FTD patients will enable investigators to identify optimal approaches to targeting this unique patient population. In addition, trials supported by the Treat FTD Fund will complement efforts such as the FTD Biomarkers Initiative and the Accelerating Drug Discovery for FTD program by employing emergent advances in biomarker development and preclinical research.
Funding Details: $500,000-$2,000,000 for 1-3 years with potential for follow-on funding. Leveraging other sources of funding is encouraged.

Alex’s Lemonade Stand Foundation: Innovation Grants
Alex’s Lemonade Stand Foundation (ALSF) evolved from the front yard lemonade stand of cancer patient Alexandra “Alex” Scott (1996-2004) into a national fundraising movement to find a cure for all childhood cancers. We are dedicated to filling critical funding gaps in pediatric oncology investigation, especially research into new treatments and cures. The Innovation Grant is designed to provide critical and significant seed funding for experienced investigators with a novel and promising approach to finding causes and cures for childhood cancers. Proposals should have clinical translation in view.
Funding Details: $125,000 annually for 2 years.
Weston Brain Institute Rapid Response

Rapid Response: Canada 2019, the objective:
1) to support Alzheimer’s and related diseases:
   • Frontotemporal dementia
   • Mild cognitive impairment
   • Vascular contributions and prodromes (to the above), and
2) to provide seed funding for novel, high-risk, high-reward translational research projects.

Funding Details: A max of $200,000 over up to 18 months per project.

Weston Brain Institute Transformational Research

Transformational Research: Canada 2019, the objective:
1) to support Alzheimer’s and related diseases:
   • Frontotemporal dementia
   • Mild cognitive impairment
   • Vascular contributions and prodromes (to the above), and
2) to support transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

Funding Details: A max of 1,500,000 over a max of 3 years.

Weston Brain Institute Postdoctoral Scholars at Oxford

The Weston Brain Institute Postdoctoral Scholars at Oxford program supports top-tier Canadian postdoctoral scholars by providing international training at the University of Oxford and affiliation with Merton College. Prior to submitting an application, candidates should independently identify a host lab and potential supervisor at the University of Oxford who agrees to supervise them if awarded. Awardees will receive salary support for their postdoctoral positions at Oxford.

Funding Details: £57,000 per year (£44,000 per year + benefits) for 2 years.

Weston Brain Institute International Fellowships: Canada

Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Weston Brain Institute is pleased to launch our International Fellowships: Canada program. The program will support top Canadian PhD students to travel to and work in world-renowned international labs for up to 12 months, to further their translational research on neurodegenerative diseases of aging.

Funding Details: $60,000 per year, prorated at $5,000 per month to fit shorter travel and specific project needs

McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities

The McMaster Institute for Research on Aging (MIRA) aims to optimize the health and longevity of the aging population through leading-edge research, education and stakeholder collaborations. The institute intends to amplify McMaster’s strength in aging-focused research through stimulating new partnerships, facilitating access to research funding, raising the profile of McMaster’s research platforms, and building capacity among students and faculty members. In order to improve the positioning of McMaster’s researchers in external funding competition, MIRA and the Labarge Centre for Mobility in Aging (LCMA) have allocated funding that could be used to match or leverage external funds. This process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.

Funding Details: maximum $100,000 (total cash and/or in-kind) non-renewable funding anticipated support 1-2 projects per year.
**MITACS Globalink Research Award**

The Mitacs Globalink Research Award provides funding for senior undergraduate and graduate students, and postdoctoral fellows in Canada to conduct 12–24-week research projects at universities overseas. The following opportunities support travel and research from Canada to universities in:

Australia, Brazil, China, EU member countries: In France, both universities and Inria Research Centres are eligible host institutions, Israel, India, Japan, Korea, Mexico, Norway, Saudi Arabia, Tunisia, United Kingdom, United States.

**Funding Details:** $6,000 to conduct 12-24-week research projects at universities overseas.

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**MITACS Accelerate Fellowship**

The Mitacs Accelerate Fellowship provides a long-term funding and internship option for master’s and PhD students. Recipients can also access professional development training that helps them ensure project success and gain in-demand career skills.

Interested applicants can apply for the Accelerate Fellowship at any time. All other Accelerate program guidelines apply.

**Funding Details:**
- **Master’s students** - $40,000 total research award for 18 mos. Minimum intern stipend is $30,000 and partner organization contribution is $18,000
- **PhD students** - $80,000 total research award for 36 mos. Minimum intern stipend is $72,000 (24,000/year) and partner organization contribution is $36,000

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**Weston Brain Institute: Early Phase Clinical Trials: Canada**

Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Early Phase Clinical Trials: Canada program was created to provide funding support for clinical trials and clinical trial sub-studies that have excellent preliminary data. Eligible Principal Applicants must be at or above the level of Assistant Professor or equivalent and be affiliated with a Canada Revenue Agency-qualified donee institution located in Canada. Co-applicants and Collaborators must be at the post-doctoral level or above and can be working outside Canada.

An application requires the submission of a Letter of Intent which will be reviewed by our scientific review committee. Applicants with high potential projects will then be invited to submit a Proposal. Instructions for submitting the Proposal will be forwarded to those invited. Applicants can expect to receive the outcome of their LOI application approximately 2 months after submission.

**Funding Details:** A maximum of $1,500,000 per project over up to 4 years.

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**OCE Voucher for Innovation and Productivity II (VIP II) Program**

The VIP II program helps established Ontario-based companies develop, implement and commercialize technical innovations by supporting partnerships with publicly-funded post-secondary institutions. Projects funded through VIP II address company needs by enabling the development of new products and/or processes, or facilitating productivity improvements, by leveraging post-secondary institutions' skills and resources. Projects must ultimately help generate new revenues and create high-value jobs for Ontario companies. You can also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.

**Funding Details:** The VIP II program supports collaborations between companies and publicly-funded post-secondary institutions for durations of 12 and 24 months to a maximum of $150,000.

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*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*
MITACS Accelerate Program
Canada’s premiere research internship program provides interns with the opportunity to transfer their skills from theory to real-world application, while companies gain a competitive advantage by accessing high-quality research expertise. Interns spend approximately half their time on-site with the industry partner; the remainder is spent at the university advancing the research under the guidance of a faculty supervisor. Not-for-profit organizations are eligible.

Funding Details: Funding starts at $15,000

*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018
The BCRP challenges the scientific community to design research that will address the urgency of ending breast cancer. Specifically, the BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations.

Funding Details:
- **Breakthrough Award Levels 1 and 2 II:**
  - **Funding Level 1** – Maximum funding of $375,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 1 with Partnering PI Option** – Maximum funding of $600,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 2** – Maximum funding of $750,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 2 with Partnering PI Option** - Maximum funding of $1 million (M) for direct costs (plus indirect costs). The maximum period of performance is 3 years.

Additional Details
LOI Deadline: November 1, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 8, 2018
Sponsor Deadline: November 15, 2018

Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018
Duchenne muscular dystrophy (DMD) affects approximately 1 out of every 3,500 male infants (about 20,000 new cases a year). This form of muscular dystrophy results from mutations in the dystrophin gene that lead to an absence of dystrophin in muscle cells, allowing these cells to be easily damaged. Boys living with DMD experience devastating muscle weakness that affects the skeletal muscles, heart, and respiratory muscles. Symptoms of DMD typically develop prior to age 5, and by age 12 most patients are confined to a wheelchair.

Funding Details:
- **Career Development Award** - Maximum funding of $275,000 in direct costs (plus indirect costs) Period of performance not to exceed 2 years.

Additional Details
LOI Deadline: November 14, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 21, 2018
Sponsor Deadline: December 5, 2018
In this Issue:

- **Genome Canada: Genomic Applications Partnership Program (GAPP), Round14** – Notify ROADS of Intent to Apply as soon as possible, Draft Expression of Interest (EOI) due to ROADS by November 5, 2018, Ontario Genomics Draft EOI deadline November 19, 2018.

- **The Mowat Centre and the Higher Education Quality Council of Ontario (HEQCO): Research Initiative on Education and Skills (RIES), Call for Proposals (CFP):** Skills, education, and skills development – Questions or Clarifications of the CFP deadline October 31, 2018, Proposal deadline November 9, 2018; HEQCO - Expressions of Interest; HEQCO-funded Test Sites for the Teaching of Skills – Expression of Interest deadline December 3, 2018.


- **Ontario Centres of Excellence (OCE): 5G (ENCQOR) Technology Development Program – Expression of Interest deadline, extended, November 13, 2018.**

- **Office of the Privacy Commissioner of Canada: Contributions Program 2019-20 – Application deadline November 14, 2018.**


- **Gerda Henkel Foundation: General Research Grants – Application deadline November 22, 2018.**

- **Crohn’s and Colitis Canada: Grants-in-Aid of Research – Notice of Intent deadline November 23, 2018, Application deadline January 18, 2019; Innovations in IBD Research – Application deadline January 18, 2019.**

Please contact Susan Gordon, Research Information Specialist, at gordosc@mcmaster.ca or extension 23138 if you would like to subscribe/unsubscribe to the Funding Opportunities Bulletin mailing list or if you would like assistance searching for funding opportunities. Recent issues of the Bulletin may also be found on our website at http://roads.mcmaster.ca/bulletin. Join Community of Science (COS) Pivot: an up-to-date database of funding opportunities from around the world, create your Pivot account at https://pivot.cos.com/session/login _help_.

Use Pivot to find a McMaster expert, http://pivot.cos.com/profiles/main
• McMaster University, Faculty of Health Sciences (FHS): FHS Request for Infrastructure – Application deadline November 23, 2018

• Simons Foundation, Center for Computational Astrophysics: Visiting Researcher Program – Application deadline December 1, 2018

• National Multiple Sclerosis Society: Therapeutic Development Opportunities for Neuroprotection and Neuroregeneration in Multiple Sclerosis – Registration deadline as soon as possible, Pre-application deadline December 5, 2018

• McMaster University, McMaster Institute for Research on Aging: Funding Opportunities – rolling and Application deadline January 2, 2019

• Canadian Cancer Society: Grants – Application deadline January 15, 2019

• The Lung Association – Ontario and Ontario Respiratory Care Society (ORCS): ORCS Research Grant – Application deadline February 1, 2019

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants (PDG) – Notify ROADS of Intent to Apply as soon as possible, SSHRC Application deadline November 15, 2018

• Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants COLLABORATIVE HOUSING RESEARCH NETWORK INITIATIVE – Notify ROADS of Intent to Apply as soon as possible; SSHRC Application deadline November 15, 2018

• Embassy of France Office for Science and Technology, France-Canada Research Fund: New Scientific Collaboration Support Program 2019 - Notify ROADS of Intent to Apply as soon as possible; ROADS and the Embassy of France Application deadline November 16, 2018

• Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply as soon as possible; SSHRC Application deadline December 17, 2018

• Social Sciences and Humanities Research Council (SSHRC): Research Grants and Partnerships – Upcoming Webinars – November 7, 8, 2018

• Ontario Genomics, Agricultural Adaptation Council and Genome Canada, Ag/Agri-Food Funding Program: Ontario Regional Priorities Partnership Program (ON-RP3) – Registration deadline November 12, 2018
- Government of Ontario, Ontario Centres of Excellence (OCE), Ontario Ministry of Economic Development, Job Creation and Trade (MEDJCT), and the Ontario-Jiangsu Industrial Research and Development Program (OJIRDP): Ontario-Jiangsu Industrial Research and Development Program (OJIRDP) Round 3 – Expression of Interest deadline November 13, 2018

- Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP) – LOI deadlines November 14, 2018

- Bill & Melinda Gates Foundation: Grand Challenges Explorations Round 22 – Application deadline November 14, 2018

- Fulbright Canada: Awards for Canadian Scholars – Application deadlines November 15, 2018

- Canadian Hemophilia Society (CHS), Research Programs: Grants – Application deadline November 15, 2018

- Canadian Blood Services: Awards (Grants) – Application deadline November 30, 2018

- Prostate Cancer Canada and the Movember Foundation: Discovery Grants – Registration deadline November 30, 2018; Application deadline January 17, 2019

- Québec Consortium for Drug Discovery (CQDM): Quantum Leap – Application deadline November 30, 2018

- WestGrid: Visualize This! Challenge – Final Solution/Application deadline November 30, 2018

- Weston Brain Institute: Grants – Letter of Intent deadline December 3, 2018

- Burroughs Wellcome Fund: Preterm Birth Initiative – Application deadline December 4, 2018

- Cancer Research Society: Operating Grants – Letter of Intent deadline December 4, 2018

- Imperial Oil: University Research Awards Program – to McMaster Industry Liaison Office (MILO), Proposal and signed MILO Sponsored Project Checklist deadline December 10, 2018; Imperial Oil Application deadline December 15, 2018

- Alex’s Lemonade Stand Foundation: Grants – Application deadline December 17, 2018


- AGE-WELL Network, Core Research Program (CRP) 2020-2025: Request for Proposals – Application deadline January 4, 2019

- Louisville Institute: Grants – Application deadline January 15, 2019

- Wabash Center: Project Grants – Application deadline: Small – Rolling, Large: February 15, 2019
• **ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding** – Notify ROADS of Intent to Apply as soon as possible

• **Weston Brain Institute, Big Ideas: Canada** – Letter of Intent accepted on a rolling basis

• **Weston Brain Institute, Early Phase Clinical Trials: Canada** – Letter of Intent is accepted on a rolling basis

• **Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops** – Open Call – Applications are accepted on a rolling basis

• **Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences** – Letters of Intent are accepted on a rolling basis

• **MIRA AND LCMA Matching Funds for Research Opportunities** – Rolling

• **Canada Foundation for Innovation (CFI): Research Facilities Navigator** – online profile, no deadline

• **Partnership For Clean Competition: Micro-Grants** – no application deadline

• **CIHR, NSERC, SSHRC and the Canada Foundation for Innovation, Invitation for Feedback: Prioritizing Future Challenges for Canada** – no deadline

• **Institute for Catastrophic Loss Reduction (ICLR): Quick Response Program** – Applications are accepted at all times

• **Shastri Indo-Canadian Institute: Grants** – Applications are open submissions

• **Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership**

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**In this Issue:**

**Genome Canada: Genomic Applications Partnership Program (GAPP), Round 14**

The objectives of the *GAPP* are to:

1) accelerate the application of Canadian genomics-derived solutions from academia to real-world opportunities and challenges defined by industry, not-for-profit, and public sector **Receptors**;

2) channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;

3) enhance the value of Canadian genomics technologies by de-risking and incentivizing follow-on investment from industry and other partners;

4) foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology Receptors.
In addition, review a particular focus, Precision Health Initiative – Rare Diseases: Clinical Implementation Projects at http://www.ontariogenomics.ca/news-events/funding-opportunities/precision-health-initiative/.

Eligible Receptors include:

- companies (private / public, Canadian / foreign-owned);
- industry consortia;
- government departments and agencies (federal, provincial and municipal);
- healthcare organizations;
- not-for-profit organizations.

To be eligible for GAPP funding, projects must:

a) develop and apply a genomics-derived or genomics-enabling tool, product, or process to an opportunity or challenge defined by the Receptor(s);

b) focus on late stage research and development that will position the innovation for near-term implementation/commercialization;

c) be co-led by an academic and a Receptor organization in partnership with active and necessary roles;

d) demonstrate the potential to generate significant social and/or economic benefits for Canada.


Projects should not be in the discovery phase.

Small-scale proof-of-concept/validation/pilot projects through to large-scale projects will be accepted.

Small or start-up companies may be considered as per the following guidelines, review https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf.


Value:
The total project size is $300,000 to $6 million.

Co-funding:
- 1/3 investment from Genome Canada (from a minimum contribution of $100,000 to a maximum of $2 million);
- 1/3 provided by the Receptor partner (cash and/or in-kind); and
- 1/3 of other co-funding (non-Genome Canada).

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years. Shorter or longer terms will be considered only if a strong rationale is provided.

Application process:
There is a three-stage, gated application process for this program: 1) Expression of Interest (EOI); 2) EOI / Project Pitch (invited); 3) Supplementary Proposal (invited).
More specifically:

- register your intent to apply to Ontario Genomics and obtain your Draft Expression of Interest (EOI) form
- complete a Draft EOI and submit it to Ontario Genomics
- if invited, present a face-to-face business pitch to Ontario Genomics; GAAP Review Panel
- develop the final EOI through active collaboration with Ontario Genomics
- if invited, develop a supplementary proposal and submit it to Ontario Genomics before submission to Genome Canada

**Deadlines:**
Notify ROADS and Ontario Genomics, **as soon as possible**, your intent to apply to the Round 14 competition.
Submit your Draft EOI to ROADS for review by **November 5, 2018**.
The Ontario Genomics Draft EOI deadline is **November 19, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

Higher Education Quality Council of Ontario (HEQCO)

The HEQCO has recently announced the following funding opportunities:

1. **The Mowat Centre and the Higher Education Quality Council of Ontario (HEQCO)**

   The Mowat Centre is an independent, public policy, think tank and is Ontario’s non-partisan, evidence-based voice on public policy.

   [https://mowatcentre.ca/](https://mowatcentre.ca/)

   The Centre’s focus is to:

   a) undertake collaborative, applied policy research;
   b) bridge academic research and public policy development;
   c) propose innovative research-driven recommendations;
   d) engage in public dialogue and knowledge translation on Canada’s most important national issues;
   e) make policy-relevant research and data accessible to a wider public audience.

   **Research Initiative on Education and Skills (RIES), Call for Proposals (CFP): Skills, education, and skills development,** the objective: 1) to access, analyze, and mobilize data relating to the education, skills and labour market outcomes of Canadians, and 2) to disseminate the findings to inform policy development.

   review **Equity, the important questions** at [https://mowatcentre.ca/call-for-proposals-skills-education-and-skills-development/](https://mowatcentre.ca/call-for-proposals-skills-education-and-skills-development/)

**Questions**
The deadline for questions regarding the CFP is **October 31, 2018**. Interested proponents should direct communications to Brad Seward, [b.seward@mowatcentre.ca](mailto:b.seward@mowatcentre.ca).
The answers will be posted on the RIES website no later than November 2.
[https://mowatcentre.ca/call-for-proposals-skills-education-and-skills-development/](https://mowatcentre.ca/call-for-proposals-skills-education-and-skills-development/)
Value:
honorarium, $7,000

Application process:
The Mowat Centre application deadline is **November 9, 2018**.

2. **HEQCO, Expressions of Interest: HEQCO-funded Test Sites for the Teaching of Skills**, the objective: to identify and fund higher education institutions, organizations, and academic units that 1) will act as test sites and laboratories to evaluate the effectiveness of various pedagogical techniques, program designs, technologies, etc., 2) attempt to teach skills and competencies considered to be important to those programs and to their students. Review parameters and areas to address at [http://www.heqco.ca/en-ca/Research/Requests%20for%20Proposals/Pages/Home.aspx](http://www.heqco.ca/en-ca/Research/Requests%20for%20Proposals/Pages/Home.aspx)

Value:
The HEQCO is prepared to provide significant incentives, funding, and financial support to units that are selected to serve as test sites.

Application process:
The HEQCO expression of interest deadline is **December 3, 2018**.

ROADS contact:
Christina Pellegrini, Senior Advisor, at [pellegrc@mcmaster.ca](mailto:pellegrc@mcmaster.ca) or extension 27207


The aviation industry needs a fuel that will cut pollution and fight climate change.

The objective of the **Green Aviation Fuels Innovation Competition** is to 1) develop the jet fuel of the future (i.e., develop new ways to produce biojet fuels and sustainable sources), and 2) fight climate change.

More specifically:

a) accelerate innovation to bring down the cost of sustainable aviation fuel, and reduce greenhouse gas emissions from air transportation;
b) build on Canadian strengths (e.g., forestry, agriculture, fuel production, innovation) to develop a world-class supply chain for the production of sustainable aviation fuel;
c) support Canadian leadership in clean technology innovation and the growing global market for green fuels.
d) promote the use of Canadian-made, sustainable, aviation fuel in domestic commercial flights in Canada.

**Challenge Forum**

*Meet the best of the green aviation fuels industry — from investors to airlines.*

The Challenge Forum will be held at the GARDN Conference at the Shaw Centre in Ottawa on **November 13-14, 2018.**


**Value:**
Four teams will receive up to $2 million each over 18 months to support their efforts to develop the best way to scale up sustainable aviation fuel in Canada, leveraging the experience gained from the first production.

Applicants are encouraged to develop a consortium across the supply chain to support their efforts.

The winning team will receive $5 million to commercialize their innovative fuel.

**Application process:**
The Impact Canada application deadline is **February 2019.** Additional details to follow.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at [coschimn@mcmaster.ca](mailto:coschimn@mcmaster.ca) or extension 21581

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**Ontario Centres of Excellence (OCE): 5G (ENCQOR) Technology Development Program**

The OCE has recently announced intake is now open for the **5G (ENCQOR)** (Evolution of Networked Services through a Corridor in Québec and Ontario for Research and Innovation) *Technology Development Program* in Ontario.

Launched earlier this year, ENCQOR establishes the first Canadian, pre-commercial corridor of 5G wireless communication technologies - the key to accelerating the transition to game-changing 5G technology, related job creation, and economic growth.

There are two streams within the 5G (ENCQOR) Technology Development program:

1) The **5G (ENCQOR) Academic Technology Development Program (5G ADP)** will partner researchers at Ontario-based, post-secondary institutions with ENCQOR Anchor Firms, on 5G technology development projects. Researchers are eligible to lead applications in the 5G ADP. Review **Anchor Firms** at [https://ontario.encqor.ca/partners/](https://ontario.encqor.ca/partners/)

Areas of research interest are defined by Challenge Statements submitted to OCE by the ENCQOR Anchor Firms, and posted to the OCE website on a rolling basis.

The 5G (ENCQOR) 5G ADP supports collaborative, technology development projects to develop, integrate, test or validate pre-commercial technologies for the iPaaS (Innovation Platform as a Service) testbed.

[http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-academic-technology-development-program](http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-academic-technology-development-program)
2) The 5G (ENCQOR) SME Technology Development Program (5G SDP) will partner Ontario-based, Small- and Medium-Sized Enterprises (SMEs) with ENCQOR Anchor Firms, on 5G technology development projects. review Anchor Firms at https://ontario.encqor.ca/partners/

Areas of technology interest are defined in Challenge Statements submitted to OCE by the ENCQOR Anchor Firms, and posted on a rolling basis.

The 5G (ENCQOR) 5G SDP supports collaborative, technology development projects to develop, integrate, test or validate pre-commercial technologies for the iPaaS testbed.

For the 5G SDP stream, applicants may select to apply for funding to support an intern as part of their project through OCE’s Talent Edge Program. For additional information regarding OCE’s Talent Edge Program and Intern Eligibility, review the program guidelines at http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-talentedge-internships.

To be notified of 5G (ENCQOR) Academic or SME Technology Development Program Challenge Statements as they launch, please sign up for the ENCQOR Ontario mailing list at https://visitor.r20.constantcontact.com/manage/optin?v=001rUTbhoAzRfsdJ5wZiuvtaiH4hOsBNI1U7UWhHvHp7Fnb8lkgy1gFc_X9iZ-h68ZY3CnH4ViEikVBFx-m4upNBX7LV0NPx3g2Xm8JuTocd2RdnbhbSd4OIQQ4bV5ur6tcFOIXYImCrEZqoOUiptalzJfIU0x

Various Challenge Statements have been posted. Find them online at http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-technology-development-program-challenge-statements.

http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-technology-development-program

Application process:
The OCE expression of interest deadline, extended, November 13, 2018.

Contact:
Ryan Vieira, Research Contracts Advisor (Science and Engineering), McMaster University, McMaster Industry Liaison Office (MILO) at vieirara@mcmaster.ca or extension 22649

Office of the Privacy Commissioner of Canada (OPC): Contributions Program 2019-20

The objective of the Contributions Program is to fund independent, privacy research and related knowledge translation initiatives, to advance its strategic privacy priorities.

review the OPC Strategic privacy priorities at https://www.priv.gc.ca/en/about-the-opc/opc-strategic-privacy-priorities/

In addition to the above, the OPC is particularly interested in funding one or more “design jams” on consent. A design jam is a collaborative sprint to solve a specific problem; it can last a few days and bring together a variety of specialists. The objective of the design jam is to prepare one or more prototypes, which can be refined and/or made public.

All proposals must address issues that fall within the scope of the federal Personal Information Protection and Electronic Documents Act (PIPEDA).

When developing project proposals, applicants are strongly encouraged to review projects currently underway and completed projects from previous years, in order to build on past or ongoing work. review https://www.priv.gc.ca/en/opc-actions-and-decisions/research/funding-for-privacy-research-and-knowledge-translation/cp_bg/ and https://www.priv.gc.ca/en/opc-actions-and-decisions/research/funding-for-privacy-research-and-knowledge-translation/completed-contributions-program-projects/


Value:
research or knowledge translation projects: maximum $50,000
design jams: maximum $100,000
project duration: April 1, 2019 – March 31, 2020

Application process:
The OPC application deadline is November 14, 2018.

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

The Lung Association – Ontario, Provincial Lung Association Grant Awards Program, and Ontario Thoracic Society (OTS): 2019-2020 Grant-In-Aid competition

The objective of the Grant-In-Aid (GIA) competition is to 1) support pulmonary research or development projects directly relevant to human respiratory health, and 2) offer grants for research operating costs including laboratory supplies, technicians, and equipment.

In order to apply for a GIA, the nominated Principal Investigator must be a member of the OTS or the Ontario Respiratory Care Society. review Apply for Membership at https://lungontario.ca/?s=membership

Particular consideration will be given to requests from investigators who have received their first faculty appointment within the past seven years.


Value:
maximum $50,000 for 1 year
Application process:
The registration deadline is **November 16, 2018**. The application deadline is **December 7, 2018**.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

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**Gerda Henkel Foundation: General Research Grants**

The Gerda Henkel Foundation provides funding to support 1) the historical humanities, and 2) research projects in the fields of Archaeology, Art History, Historical Islamic Studies, History, History of Law, History of Science, Prehistory and Early History.

In addition, review a particular focus, *Grants: Special Programme Security, Society and the State* at [https://www.gerda-henkel-stiftung.de/special_programme_security](https://www.gerda-henkel-stiftung.de/special_programme_security)

The Foundation will accept *Research Project* and *Research Scholarship* applications.

Applications for research scholarships can be made directly by scholars with a Post-doctoral Lecture Qualification.

[https://www.gerda-henkel-stiftung.de/research_grants](https://www.gerda-henkel-stiftung.de/research_grants)

**Value:**

*Research Projects*: maximum 15,000 euros for a maximum 12 months

Applicants are requested to submit a detailed cost calculation (e.g., personnel, travel, materials and/or other costs).

[https://www.gerda-henkel-stiftung.de/application_research-projects](https://www.gerda-henkel-stiftung.de/application_research-projects)

*Research Scholarship*: maximum 15,000 euros between 1 and 24 months

[https://www.gerda-henkel-stiftung.de/application_research-scholarships](https://www.gerda-henkel-stiftung.de/application_research-scholarships)

Application process:
The Gerda Henkel Foundation application deadline is **November 22, 2018**.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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**Crohn’s and Colitis Canada: Grants-in-Aid of Research and Innovations in IBD Research**

The Crohn’s and Colitis Canada has recently announced the following funding opportunities:

1. *Grants-in-Aid of Research*, the objective: 1) to support research on inflammatory bowel disease (IBD), and 2) to advance prevention, treatments, health policy, and ultimately find cures.
The grant supports research projects with a defined objective conducted by an investigator working alone, or in collaboration with others.

http://crohnsandcolitis.ca/Research/Information-for-researchers#grants

**Value:**
maximum $125,000 per annum for a maximum 3 years

**Application process:**
The Crohn’s and Colitis Canada notice of intent deadline is **November 23, 2018.** The application deadline is **January 18, 2019.**

2. **Innovations in IBD Research**, the objective: to fund novel or innovative approaches to IBD research.

The grant is intended to stimulate and support research which may not be encompassed within the boundaries of traditional medical research. The proposals must conform to sound principles of research and may aim to collect pilot data for follow-on application(s).

http://crohnsandcolitis.ca/Research/Information-for-researchers#innovations

**Value:**
maximum $50,000 for 1 year

**Application process:**
The Crohn’s and Colitis Canada application deadline is **January 18, 2019.**

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

**McMaster University, Faculty of Health Sciences (FHS): FHS Request for Infrastructure**

The McMaster University, FHS, is pleased to request applications for funding to replace aging equipment (e.g., hoods, centrifuges, freezers) with new equipment to upgrade lab facilities.

The goal of this opportunity is to support acquisition of equipment that would be difficult to fund through conventional grants, and do not meet the mandate for a Canada Foundation for Innovation, John R. Evans Leaders Fund.  
(https://www.innovation.ca/awards/john-r-evans-leaders-fund)

Equipment funding requests will be adjudicated by the FHS Research Infrastructure Committee, semi-annually. Meritorious requests that are unfunded due to lack of available funds will be invited to resubmit their applications.

**Value:**
$10,000 - $30,000
Requests outside the range will also be considered.

**Application process:**
The McMaster University, FHS, request for infrastructure form deadline is **November 23, 2018.** Contact rleone@mcmaster.ca.
**Contact:**
Tracy Arabski, Director, McMaster University, Health Research Services at arabski@mcmaster.ca or extension 22515

**Simons Foundation, Center for Computational Astrophysics (CCA): Visiting Researcher Program**

The CCA, at the Simons Foundation’s Flatiron Institute, New York City, invites researchers on sabbatical to visit in 2019–2020.

The CCA’s mission is to analyze big astronomical datasets and to understand complex, multiscale physics in an astrophysical and cosmological context.

Requests, not exceeding two pages in length, should include 1) a summary of research plans, 2) the arrival and end dates, and 3) requested support if needed. Visits generally last up to 1 year.

During the visit, sabbatical researchers will engage in projects independently and in collaboration with the CCA staff.

https://www.simonsfoundation.org/2018/10/10/visiting-researcher-program-center-for-computational-astrophysics-2/

**Application process:**
The Simons Foundation application deadline is **December 1, 2018**.

**Contact:**
David Spergel at dspergel@flatironinstitute.org

**National Multiple Sclerosis Society: Therapeutic Development Opportunities for Neuroprotection and Neuroregeneration in Multiple Sclerosis**

The objective of this funding opportunity is to fund 1) drug development opportunities for therapies promoting neuroprotection and repair, and 2) new treatment strategies preventing neurodegeneration, and reversing neuronal damage where lost function can be restored.

Approaches that impact demyelination, remyelination, neuroprotection, neural plasticity and repair, are considered appropriate.

To submit a proposal for **Fast Forward** support, applicants must first register with the online portal (https://nmss.fluxx.io), and complete a brief Pre-application.

Staff will review the Pre-application to determine whether the proposed research plan is appropriate and relevant to the objectives.

review **areas of high impact** and **research areas supported by this call**, page 1 at https://www.nationalmssociety.org/NationalMSSociety/media/MSNationalFiles/Research/Fast-Forward-Fall-2018-RFP-October-24-2018.pdf
https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Commercial-Research-Funding

**Value:**
maximum $300,000 over 1 – 2 years

**Application process:**
Register and complete a Pre-application, **as soon as possible**.
The National Multiple Sclerosis Society pre-application deadline is **December 5, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at vscarvl@mcmaster.ca or extension 24519

### McMaster University, McMaster Institute for Research on Aging (MIRA): Funding Opportunities

The MIRA has recently announced the following funding opportunities:

1. **Canadian Longitudinal Study on Aging (CLSA): Call for Proposals**

   The CLSA is a large, national, long-term study of more than 50,000 men and women who were between the ages of 45 and 85 when recruited. These participants will be followed until 2033, or death.

   The aim of the CLSA is to find ways to help us live long and live well, and understand why some people age in healthy fashion while others do not. [https://www.clsa-elcv.ca/about-us](https://www.clsa-elcv.ca/about-us) and [https://www.clsa-elcv.ca/data-access/data-access-application-process](https://www.clsa-elcv.ca/data-access/data-access-application-process)

   Researchers must notify Laura Harrington, Managing Director, MIRA, of their intent to apply for CLSA data access to be considered for MIRA funding. MIRA funds are allocated only to projects that do not have any other funding for this purpose.

   MIRA membership is required to be eligible.

   Data access applications are accepted three times per year.

   announcement site: [https://mira.mcmaster.ca/research/funding-opportunities](https://mira.mcmaster.ca/research/funding-opportunities)

**Value:**
MIRA can support access fees of $3,000 for a maximum 10 applications.
Applications are accepted on a **rolling basis**.

**Contact:**
Laura Harrington at harrinl@mcmaster.ca
2. **MIRA/IPRC Catalyst Grant**

The MIRA and the Michael G. DeGroote Institute for Pain Research and Care (IPRC), will co-fund a catalyst grant supporting a project that 1) stimulates new collaborations, and 2) allows the collection of preliminary data on research that considers pain and aging as central themes.

Interdisciplinary teams, involving researchers from at least three different McMaster Faculties, are invited to submit proposals that have clear potential benefits for older adults.

[https://mira.mcmaster.ca/research/funding-opportunities](https://mira.mcmaster.ca/research/funding-opportunities)

**Value:**
maximum $60,000 for 1 grant
A matching contribution of at least $10,000 (at least $5,000 cash, up to $5,000 may be in-kind) is required.

**Application process:**
The application deadline is **January 2, 2019**.

**Contact:**
mirainfo@mcmaster.ca

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**Canadian Cancer Society (CCS): Grants**

The CCS has recently announced the following funding opportunities:

1. **Innovation Grants**, the objective: to support the highest quality, creative, problem solving in cancer research.

The goal of the program is to 1) support the development and testing of unconventional concepts and approaches to address problems in cancer research, 2) enhance our understanding of cancer, and 3) generate new approaches in defeating cancer.

Successful Innovation projects are:

- based on “high risk” ideas that have a strong potential for “high reward”;
- feasible and doable by the applicant(s), but not necessarily based on a significant amount of preliminary data;
- bold attempts to test novel hypotheses and/or generate new knowledge and/or improvements related to cancer prevention, detection, diagnosis, treatment, and support.

Applications that explicitly address the Canadian Cancer Society’s mission to eradicate cancer, and enhance the quality of life of people living with cancer, are encouraged from across all areas and disciplines of cancer research.

A special call for breast cancer research is included in this competition. For applicants wishing to be considered under the breast cancer research initiative, a relevance statement is required.

**Value:**
maximum $100,000 per year and a maximum $200,000 per grant to support the direct costs of research including supplies, salaries, and equipment (equipment requests can not exceed 25% of the requested budget). Grant expenditures may be extended over 3 years, if justified.

The grant is non-renewable.

**Application process:**
The CCS application deadline is **January 15, 2019.**

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2. **Innovation to Impact Grants**, the objective: to support the further development of significant findings based on the goals originally explored through a funded CCS Innovation Grant, or eligible Canadian Breast Cancer Foundation (CBCF) Grant.

Only investigators with a funded Innovation Grant/CBCF Grant, with a project end date between January 1, 2016 and July 31, 2019, are eligible for this program.

Applicants are required to articulate significant achievements from the original grant (i.e., significant new knowledge, publications, intellectual property, technology development, or relevant endpoints), and clearly describe and justify the progression to the new research proposed.

A special call for breast cancer research is included in this competition. For applicants wishing to be considered under the breast cancer research initiative, a relevance statement is required.


**Value:**
maximum $150,000 per year for a maximum 3 years

The grant is non-renewable.

**Application process:**
The CCS application deadline is **January 15, 2019.**

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**The Lung Association – Ontario and Ontario Respiratory Care Society (ORCS): ORCS Research Grant**

The objective of the **ORCS Research Grant** is to promote research regarding any field of acute or chronic lung disease.
Research may include investigation of any phenomenon pertinent to illness assessment, management, or responses of the individual with a respiratory condition. The research may target health promotion, education, and prevention issues. Studies may use quantitative or qualitative methodologies.

The Lung Association has established focus areas: 1) asthma, 2) air quality, 3) smoking-related lung disease. Projects in these areas are encouraged, however, the primary criterion for the awarding of research monies shall be the excellence of the research proposal.


announcement site: [https://lungontario.ca/research/apply](https://lungontario.ca/research/apply)

**Value:**
Applicants must submit a budget. Awards are given for 12 calendar months from July 1, 2019 to June 30, 2020.


**Application process:**
The ORCS application deadline is **February 1, 2019**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Previously Announced:

Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants (PDG)

The objective of the *Partnership Development Grant* is to provide support to new or existing formal partnerships to:

1) develop research and/or related activities, knowledge mobilization, and the meaningful involvement of students/emerging scholars in the social sciences and humanities, by fostering new partnerships with existing and/or potential partners; or

2) design and test new partnership approaches for research and/or related activities that may result in best practices/models that either can be adapted by others, or have the potential to be scaled up to a regional, national, or international level.

Partnerships may be between academic institutions, or between one or more academic institutions and one or more non-academic partner organizations.

Proposals may involve any disciplines, thematic areas, approaches, or subject areas eligible for SSHRC funding. Review Subject Matter Eligibility at http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-reneignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx

Value:
$75,000 to $200,000 over 1 - 3 years

Application process:
The initial draft of the Application is due to ROADS by October 16, 2018. The final draft and signed Application Approval Form are due to ROADS by November 8, 2018.

The SSHRC application deadline is November 15, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants COLLABORATIVE HOUSING RESEARCH NETWORK INITIATIVE


A new SSHRC/CMHC joint initiative is now available for PDG applicants.

SSHRC and CMHC are partnering to fund research related to housing in order to help set the stage for the creation of a Collaborative Housing Research Network. Research projects undertaken by teams composed of academics, as well as non-academics, will focus on 5 priority areas that were determined by CMHC:

1. Housing for those in greatest need;
2. Community Housing Sustainability;
3. Northern Housing;
4. Sustainable Housing and Communities;
5. Balanced Supply of Housing

The first stage of this two-stage competition will be through the Partnership Development Grants competition. Successful applicants will be invited to submit a proposal at the second stage.

The PDGs and subsequent Stage 2 Partnership Grants will form the network, which will fund research to support housing policy development and future housing program development. These housing research grants ultimately strive to address the needs of the communities identified through a public consultation in 2016.
**Value:**
$80,000 for 1 year

**Application process:**
Notify ROADS of intent to apply by **August 30, 2018.**

The initial draft of the application is due to ROADS by **October 16, 2018.** The final draft and signed application approval form are due to ROADS by **November 8, 2018.**

The SSHRC application deadline is **November 15, 2018.**

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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The *New Scientific Collaboration Support Program* provides financing for *new* scientific projects jointly developed by French and Canadian teams. The program aims to accomplish the following objectives:

1) support developing **new** expert partnerships/ **new** collaborations between France and Canada (only projects involving collaboration between researchers who have never worked together will be taken into consideration);
2) promote the advancement of research and innovation;
3) prepare and structure scientific cooperation between the two countries;
4) promote researcher mobility particularly for young researchers; and
5) provide research training for young researchers.

Proposals are evaluated on the following criteria:

a) innovative nature of the proposed project (quality, relevance);
b) contribution to the advancement of knowledge (project impact);
c) quality of the project presented by researchers and team members (publications, credits, other types of prior recognition)
d) proposed execution of research (methodology, calendar, budget);
e) significance and contributions of the binational collaboration (complimentarily and balance between teams);
f) participation of young researchers and/or Master’s/doctoral students (contributions, benefits).


The FCRF program has limited the number of applications that may be submitted by McMaster to five.

**Value:**
from $8,000 - $15,000 over 2 years
The award is primarily intended to support the mobility of the researchers and their students.
Application process:
Notify ROADS of intent to apply as soon as possible. Applications submitted by November 16, 2018 will undergo an internal review process and only those selected will be forwarded to the FCRF by December 17, 2018 for further consideration by a national, joint Canada-France committee.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants

The Partnership Engage Grant will 1) respond to the objectives of the SSHRC Insight and the Connection programs, and 2) provide short-term and timely support for partnered research activities, that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships are also meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.


Note, the Partnership Engage Grant cannot respond exclusively to the objectives of the Connection program.

Partnership Engage Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding.


SSHRC welcomes applications involving Aboriginal research, as well as those involving research-creation.


Value:
$7,000 - $25,000 over 1 year

Application process:
Notify ROADS of intent to apply as soon as possible.

The initial draft of the Application and Letters of Support are due to ROADS by November 26, 2018. The final draft and a completed and signed Application Approval Form are due to ROADS by December 10, 2018. The SSHRC application deadline is December 17, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Social Sciences and Humanities Research Council (SSHRC) SSHRC Research Grants and Partnerships – Upcoming Webinars

SSHRC will be holding a series of webinars for applicants and research administrators on upcoming competitions. The webinars are held via Adobe Connect at the following times:

<table>
<thead>
<tr>
<th>Webinar</th>
<th>Date</th>
<th>Adobe Connect Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection Grants (English)</td>
<td>Wednesday, November 7, 2018, 13:00-15:00 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/rjt5jakgfqaf/">https://sshrc-crsh.adobeconnect.com/rjt5jakgfqaf/</a></td>
</tr>
<tr>
<td>Connection Grants (French)</td>
<td>Thursday, November 8, 2018, 13:00-15:00 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/rnb57d820xk6/">https://sshrc-crsh.adobeconnect.com/rnb57d820xk6/</a></td>
</tr>
</tbody>
</table>

Please note: that you do not need to register in advance and a question and answer period will follow the presentation. With Adobe Connect, questions must be submitted in writing.

To join via Adobe Connect:
- Click on the Adobe Connect webinar link on the date and time specified.
- Enter your name, and press “Enter Room”.
- Adjust the volume on your computer.

First time attending an Adobe Connect meeting?
- Test your connection
- Get a quick overview

For more information about a specific funding opportunity, please contact Christina Pellegrini, ROADS, at ext. 27207 or pellegrc@mcmaster.ca

For questions, please contact SSHRC at the relevant email address for the funding opportunity: http://www.sshrc-crsh.gc.ca/contact_us-contactez_nous/index-eng.aspx

Ontario Genomics, Agricultural Adaptation Council and Genome Canada, Ag/Agri-Food Funding Program: Ontario Regional Priorities Partnership Program (ON-RP3)

The objective of the ON-RP3 Program is to:

1) support co-led industry-academic, proof-of-concept stage projects within Ontario’s agriculture and agri-food sector;
2) address industry-identified challenges and/or opportunities;
3) develop industry-academic partnerships that a) drive the adoption of genomics-derived technologies, tools
and processes, and b) demonstrate the readiness of genomics solutions with a clear plan for implementation within 2 years or less of project completion;
4) achieve the benefits of genomic discoveries by bridging the gap between applied research and implementation.

Review Strategic Priorities at http://www.ontariogenomics.ca/funding-opportunities/open-competitions/2018-ontario-regional-priorities-partnership-program/

Value:
between $375,000 – $500,000; smaller projects of at least $150,000 will also be considered if well justified
funding duration: 1 – 3 years, beginning no earlier than July 1, 2019 and ending no later than June 30, 2022
co-funding: 1/3 of the total project budget must be obtained from eligible sources including the Industry Lead
A minimum of 1/6 of the total project budget must be in the form of cash obtained from the Industry Lead.

Application process:
The Ontario Genomics registration deadline for the eligibility screening stage is November 12, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Government of Ontario, Ontario Centres of Excellence (OCE), Ontario Ministry of Economic Development, Job Creation and Trade (MEDJCT), and the Ontario-Jiangsu Industrial Research and Development Program (OJIRDP): Ontario-Jiangsu Industrial Research and Development Program (OJIRDP) Round 3

The objective of the OJIRDP is to 1) foster opportunities for international industry-academic research and development collaborations that have an impact in both Ontario and in the Jiangsu province of China, 2) support projects leading to commercial success and economic benefits for both jurisdictions.

Priority Fields
The current call for proposals will accept project applications focusing on the following technology sectors:


b) Life Sciences: Agrobiotech, Bioinformatics, Biologicals, Diagnostics, Healthcare IT, Industrial, Medical Devices, Telemedicine and Therapeutics.

http://www.oce-ontario.org/programs/industry-academic-collaboration/ontario-jiangsu-industrial-research-and-development-program-(ojirdp)/how-it-works
**Value:**
The OCE will support up to 50% of the total eligible direct research costs to a maximum $125,000 CAD per project (for academic applicants), or $150,000 CAD per project (for company applicants) for the Ontario portion of the project.

The JSTD will support up to 50% of the total eligible direct research costs to a maximum ¥1 million RMB per project for the Jiangsu portion of the project.

Contributions by the OCE and the JSTD must be matched at least 1:1 in cash and/or in-kind by applicants/partners in Ontario and Jiangsu, respectively.

Letters of support from each organization providing cash and/or in-kind contributions must be included along with the application, confirming both the amount of matching funding and the intended use of the contributions.

Project terms must be between 1 and 3 years and are non-renewable.

**Application process:**
The OCE expression of interest deadline is **November 13, 2018**.

**Contact:**
The McMaster Industry Liaison Office (MILO)
Natural Sciences and Engineering: Ryan Vieira, Research Contracts Advisor, at vieirara@mcmaster.ca or (905) 525-9140 extension 22649
Health Sciences: Bertha Monrose, Research Contracts Advisor, at monrose@mcmaster.ca or extension 22416
Social Sciences, Humanities, Business: Suzanne Ferenczi, Research Contracts Advisor, at ferenczs@mcmaster.ca or extension 20299

**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP)**
The Department of Defense has recently announced the following funding opportunity:

*Career Development Award*, the objective: to support early-career investigators in conducting impactful Duchenne research under the mentorship of an experienced muscular dystrophy researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of Duchenne research. Applicants should also demonstrate that the proposed research has high potential to lead to or make breakthroughs in Duchenne.

Announcement Website: http://cdmrp.army.mil/funding/dmdrp

**Value:**
up to $275,000 for up to 2 years.

**Application Process:**
The DoD letter of intent deadline is **November 14, 2018**. The application deadline is **December 5, 2018**.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Bill & Melinda Gates Foundation: Grand Challenges Explorations Round 22

The Gates Foundation is inviting proposals for the latest round of the Grand Challenges Explorations initiative. Applications on the following six topics will be accepted:

1. **Increasing Demand for Vaccination Services**
   review [https://gcgh.grandchallenges.org/challenge/increasing-demand-vaccination-services-round-22](https://gcgh.grandchallenges.org/challenge/increasing-demand-vaccination-services-round-22)

2. **New Approaches for Manufacturing Gut Microbial Biotherapeutics**

3. **Innovation for WASH in Urban Settings**
   review [https://gcgh.grandchallenges.org/challenge/innovation-wash-urban-settings-round-22](https://gcgh.grandchallenges.org/challenge/innovation-wash-urban-settings-round-22)

4. **New Approaches for Strategic Prioritization of Agricultural Development Policies**

5. **Tools and Technologies for Broad-Scale Pest and Disease Surveillance of Crop Plants in Low-Income Countries**

6. **Innovations Driving Programmatic Performance in Immunization: Service Experience and Data Use + Measurement**
   No preliminary data is required.

Applicants can be at any experience level, in any discipline, and from any type of organization including colleges and universities, government laboratories, research institutions, non-profit organizations, and for-profit companies.

announcement site: [https://www.grandchallenges.org/announcement/grand-challenges-explorations-round-22-opened](https://www.grandchallenges.org/announcement/grand-challenges-explorations-round-22-opened)

**Value:**
Initial grants are $100,000 US and successful projects are eligible to receive follow-on funding to a maximum $1 million.

**Application process:**
The Bill & Melinda Gates Foundation application deadline is **November 14, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Fulbright Canada: Awards for Canadian Scholars

Fulbright Canada has recently announced the following Awards for Canadian Scholars:

1. **Canadian Traditional Scholar Awards**, the objective: to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research center of their choice in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States and the relationship between the two countries. Applicants should also clearly document the need to be in residence in Canada to carry out the project.


   **Value:**
   up to $12,500 for one semester, September 2019 or January 2020.

   **Application Process:**
   The Fulbright Canada application deadline is **November 15, 2018 at 5pm**.

2. **Canadian Visiting Research Chairs** are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions.


   **Value:**
   up to $25,000 for one semester, September 2019 or January 2020.

   **Application Process:**
   The application deadline is **November 15, 2018**.

**Application Process:** [http://www.fulbright.ca/programs/canadian-scholars.html](http://www.fulbright.ca/programs/canadian-scholars.html)

**ROADS Contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

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**Canadian Hemophilia Society (CHS), Research Programs: Grants**

The CHS has recently announced the following funding opportunities:

1. **Dream of a Cure**, the objective: to support basic scientific research grants, and studentships, aimed at developing treatments for hemophilia A and B, von Willebrand disease, rare factor deficiencies, platelet...
function disorders (and platelet pathophysiology), other congenital and acquired bleeding disorders, and ultimately finding a cure. [https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/](https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/)

**Dream of a Cure, the CHS Research Program and the 2019 Dream of a Cure Summer Studentships in Inherited Bleeding Disorders Research:** review [https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/](https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/)

**Value:**
For Dream of a Cure, individual grants will be awarded to researchers, maximum $75,000 per year for 1 - 2 years, while support will be offered to interested Canadian medical or science students for a maximum stipend of $6,000 per student, for a maximum 4 months.

**Application process:**
The CHS application deadline is **November 15, 2018.**

2. **The CHS/Pfizer Care until Cure Research Program**, the objective: to allow Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders, including outcome evaluation.

Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrand disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder. Specific areas of interest have been identified, review [https://www.hemophilia.ca/the-chspfizer-care-until-cure-research-program/](https://www.hemophilia.ca/the-chspfizer-care-until-cure-research-program/).

**Value:**
$75,000 per year, per project, for a maximum $150,000 over 2 or 3 years

**Application process:**
The application deadline is **November 15, 2018.**

3. **The CHS/Novo Nordisk Psychosocial Research Program**, the objective: to engage professionals/graduate students from the allied health disciplines (i.e., Nursing, Physiotherapy and Social Work) in research activities addressed to 1) understanding the psychosocial impact of hemophilia and other inherited bleeding disorders, and 2) improving the quality of life of persons and families whose lives are affected by these disorders.

Collaboration with multidisciplinary care providers and/or between two or more hemophilia centres is accepted and encouraged. Inter-regional applications will be considered.

[https://www.hemophilia.ca/the-chsnovo-nordisk-psychosocial-research-program/](https://www.hemophilia.ca/the-chsnovo-nordisk-psychosocial-research-program/)

**Value:**
The primary intent of this program is to offer one or two $20,000 research grants to a maximum $40,000 for 1 year. The major portion of each grant would be to cover the research time for the successful candidate(s), including the time for research assistants. A small amount can be devoted to project expenses.

**Application process:**
The letter of intent deadline is **November 15, 2018.**
Canadian Blood Services: Awards (Grants)

The Canadian Blood Services recently announced the following funding opportunities:

1. **BloodTechNet Award Program**, the objective: to support the development of innovative educational projects that network the Transfusion, Cellular Therapy and Transplantation communities in Canada. These projects deliver educational tools and resources that support the development of skills, knowledge, and expertise of the health professionals in this network. The Applicant must be a health professional belonging to the transfusion, cellular therapy and/or transplantation communities in Canada. The Program is targeted towards Medical Lab Technologists, Nurses, and Physicians.
   

   announcement site: [https://blood.ca/en/research/funding-programs](https://blood.ca/en/research/funding-programs)

   **Value:**
   maximum $50,000 for 1 year

   **Application process:**
   The Canadian Blood Services application deadline is **November 30, 2018**.

2. **Kenneth J. Fyke Award**, the objective: to support health services and policy research to promote the development of evidence-based Canadian practices and policies in blood transfusion, blood stem cell transplantation, organ and tissue transplantation for the benefit of Canadian patients.
   
   review funding priorities, page 1 at
   [https://blood.ca/sites/default/files/Canadian_Blood_Services_Ken_Fyke_Award_2018_Guidelines.pdf](https://blood.ca/sites/default/files/Canadian_Blood_Services_Ken_Fyke_Award_2018_Guidelines.pdf)

   announcement site: [https://blood.ca/en/research/funding-programs](https://blood.ca/en/research/funding-programs)

   **Value:**
   maximum $100,000 for 1 year

   **Application process:**
   The application deadline is **November 30, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Prostate Cancer Canada and the Movember Foundation: Discovery Grants

The objective of the **Discovery Grant** is to support novel and innovative prostate cancer research that will lead to new lines of investigation. The grant is designed to:
1) allow both junior and more established investigators to pursue new avenues of exploration;
2) allow applications from all areas of prostate cancer research;
3) fund applications that will have been evaluated by a rigorous peer-review process that assessed a) innovation, b) track record of investigator team, c) methodology and feasibility of the proposed work, and d) potential impact on prostate cancer.

The research project may address any of the broad areas of prostate cancer research including but not limited to biomedical, clinical, population health, and health services/economics.

http://www.prostatecancer.ca/Research/Current-Opportunities/Discovery-Grants

Value:
maximum $200,000 over a maximum 2 years

Application process:
The Prostate Cancer Canada registration deadline is **November 30, 2018**. The application deadline is **January 17, 2019**.

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

**Québec Consortium for Drug Discovery (CQDM): Quantum Leap**

The objective of the **Quantum Leap** funding opportunity is to:

1) support innovative, translational biopharmaceutical research projects;
2) enable technologies, innovative platforms and/or innovative therapies;
3) fund projects that a) focus on developing cutting-edge technologies with the potential to significantly advance the R&D activities of CQDM’s pharmaceutical members, and b) have potential to significantly improve, facilitate and/or accelerate the drug discovery process, and the development of safer and more effective drugs.

The technologies of interest can be at any stage of the drug development process, and involve a wide range of therapeutic indications.

Projects are associated with specific deliverables and must be ready for use by CQDM pharmaceutical members upon completion.


**Value:**
$500,000 - $1,200,000 over 1 – 3 years

**Application process:**
The CQDM application deadline is **November 30, 2018**.
WestGrid: Visualize This! Challenge

Visualize This! Challenge is a Canada-wide competition that aims to celebrate the innovative ways visualization can help researchers explore datasets, and answer important scientific questions.

Visualize This! provides an opportunity to challenge your creativity, experiment with new visualization tools, and contribute to the growth of data visualization in Canada.

This year the challenge is comprised of two separate competitions:

1. scientific visualization challenge based on a molecular dynamics simulation dataset, and
2. humanities visualization challenge based on the Orlando British Women’s Writing Dataset.

review 1. at https://westgrid.github.io/visualizeThis/menu/scientific.html, and 2. at https://westgrid.github.io/visualizeThis/menu/humanities.html

Both datasets will be made available on the competition webpage, and participants may download any time after October 1, 2018.

Submissions will be reviewed by members of the Compute Canada Visualization Team. Points will be given for:

a) interactive visualizations;
b) visualizing the 3D multi-scale nature of the data;
c) online presentation in a browser; and
d) clear innovative display of multiple variables.

Participants from all research fields are encouraged to enter.

announcement site: https://westgrid.github.io/visualizeThis/journal/welcome-to-challenge.html

Value (prizes):
. High-capacity external SSD drives
. free registration and subsidized travel to a WestGrid 2019 Research Computing Summer School
. your visualization showcased on the websites of Compute Canada, WestGrid, Compute Ontario, Calcul Québec, and ACENET
. opportunity to present to the research community at an upcoming Compute Canada/WestGrid event

Application process:
The WestGrid final solution/application deadline is November 30, 2018.

ROADS contact:
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439
Weston Brain Institute: Grants

The Weston Brain Institute has recently announced the following funding opportunities:

1. **Rapid Response: Canada 2019**, the objective: to support Alzheimer’s and related diseases:
   - frontotemporal dementia
   - mild cognitive impairment
   - vascular contributions and prodromes (to the above), and to provide seed funding for novel, high-risk, high-reward translational research projects.

   All projects must meet two conditions to be eligible:
   - projects must be translational research that helps accelerate the development of therapeutics for neurodegenerative diseases of aging;
   - projects must involve the development of a therapeutic and/or tool.

   Preliminary data is not required.


   announcement website: [http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

   **Value:**
   - maximum $200,000 over a maximum 18 months

   **Application process:**
   The Weston Brain Institute letter of intent deadline is **December 3, 2018**.

2. **Transformational Research: Canada 2019**, the objective: to support Alzheimer’s and related diseases:
   - frontotemporal dementia
   - mild cognitive impairment
   - vascular contributions and prodromes (to the above), and to support transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

   All projects must meet the following conditions to be eligible:
   - be translational research (excluding clinical trials and clinical trial sub-studies) that accelerates the development of therapeutics for neurodegenerative diseases of aging;
   - be the development of a therapeutic and/or tool and/or complementary approaches.


   announcement website: [http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

   **Value:**
   - maximum $1,500,000 over a maximum 3 years

   **Application process:**
   The Weston Brain Institute letter of intent deadline is **December 3, 2018**.
**Burroughs Wellcome Fund: Preterm Birth Initiative**

The objective of the *Preterm Birth Initiative* is to 1) increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth, 2) stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative, basic and translation science methods.

Encouraged to apply:
a) reproductive scientists and investigators who are involved in other areas;
b) postdoctoral fellows nearing their transition to independent investigator status through senior established investigators.

Focus:
- molecular and computational approaches (e.g., genetics/genomics, immunology, microbiology, evolutionary biology, mathematics, engineering, and other basic sciences) independently or in conjunction with more traditional areas of parturition research (e.g., maternal fetal medicine, obstetrics, and pediatrics)

[https://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative](https://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative)

**Value:**
$125,000 per year over 4 years

**Application process:**
The Burroughs Wellcome Fund application deadline is **December 4, 2018**.

**ROADS contact:**
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

**Cancer Research Society: Operating Grants**

The objective of the *Operating Grant* is to support fundamental, early translational, and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating this disease.

[https://www.societederecherchesurlecancer.ca/en/researchers/operating-grants](https://www.societederecherchesurlecancer.ca/en/researchers/operating-grants)

**Value:**
$60,000 per year for 2 years

**Application process:**
The Cancer Research Society letter of intent deadline is **December 4, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Imperial Oil: University Research Awards Program

The objective of the *University Research Awards Program* is to 1) encourage research at Canadian universities in areas of interest to Imperial Oil's petroleum, petrochemical, and energy resource development businesses, 2) support research in the fields of engineering, environmental, earth, chemical, and physical sciences. review *Areas of Interest* at https://www.imperialoil.ca/en-ca/company/innovation-and-research/university-research-awards/university-research-awards

Awards for specific research projects are provided to full-time faculty members to support research work carried out by university students under their direction.

Applicants are reminded that University policy requires research proposals be approved by the applicant’s Department Chair, Faculty Dean, and by the McMaster Industry Liaison Office (MILO), prior to submission to Imperial Oil.

Accordingly, applicants are asked to provide MILO with a copy of their proposal and MILO Sponsored Project Checklist, both signed by their Chair and Dean, by **December 10, 2018**, in order to allow MILO sufficient time to review/approve the proposal and, if necessary, provide comments.

**Value:**
ranging from $10,000 - $25,000 for 1 year and may be renewed annually for a maximum tenure of 3 years.
The project budget must include overhead at 25%.

**Application process:**
To MILO, the proposal and signed MILO Sponsored Project Checklist deadline **December 10, 2018**. The Imperial Oil application deadline is **December 15, 2018**.

**Contact:**
MILO
Natural Sciences and Engineering: Ryan Vieira, Research Contracts Advisor, at vieirara@mcmaster.ca or (905) 525-9140 extension 22649

Alex’s Lemonade Stand Foundation: Grants

The Alex’s Lemonade Stand Foundation has recently announced the following funding opportunities:

1. **Young Investigator Grants**, the objective: to support scientists during their fellowship training or early in their research careers. Demonstration of outstanding mentorship, and demonstration of a career plan that shows commitment to pediatric cancer investigation, are critical components of a successful application. https://www.alexslemonade.org/sites/default/files/2019_young_investigator_guidelines_final.pdf

announcement site: https://www.alexslemonade.org/researchers-reviewers/applicants
Value: maximum $150,000 over 3 years

Application process:
The Foundation’s application deadline is December 17, 2018.

2. **Epidemiology Grants**, the objective: to support investigators to pursue research studies in human populations, using epidemiological approaches, in order to significantly contribute to the understanding of childhood cancers. Hypothesis-driven research may focus on risk factors, early detection, prevention, effectiveness and treatment outcomes.


   announcement site: [https://www.alexslemonade.org/researchers-reviewers/applicants](https://www.alexslemonade.org/researchers-reviewers/applicants)

Value: $100,000 per year for 2 years

Application process:
The Foundation’s application deadline is December 17, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

**Government of Canada, Innovation, Science and Economic Development Canada:**

**Accessible Technology Program**

The objective of the *Accessible Technology Program* is to address the need for more assertive technologies for persons with disabilities.


Value: maximum $22.3 million for a maximum of 5 years

Application process:

The Government of Canada application deadlines are:

- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22

Contact:
Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at vuyitun@mcmaster.ca or extension 23164
AGE-WELL Network, Core Research Program (CRP) 2020-2025: Request for Proposals

AGE-WELL has announced a major, new funding opportunity for researchers based at Canadian institutions and working in the field of technology and aging; the Core Research Program.

AGE-WELL will provide significant funding to projects that:

- are driven by real-world problems and challenge areas;
- address specific areas of interest to AGE-WELL and its partners and stakeholders,
- focus on innovative technology-based solutions to support older adults and caregivers;
- are user-centred, involving end-users and stakeholders in all stages of the research;
- deliver not only the technology but the practice, policy and service delivery models that are needed for the solution to be effective;
- use a transdisciplinary approach;
- have the potential to lead to economic and social impact
- help AGE-WELL to achieve its mission.


Successful applications will be included as part of AGE-WELL’s renewal application for funding through 2020-2025.

https://agewell-nce.ca/crp2020

Value:
maximum $200,000 per year for a minimum 3 - 5 years
Successful applications will also receive a one-year Catalyst Grant, starting April 1, 2019, for selected projects to continue to develop plans.

Application process:
The AGE-WELL application deadline is January 4, 2019.

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

Louisville Institute – Grants

The Louisville Institute has recently announced the following funding opportunity:

First Book Grant for Minority Scholars, the objective: to assist junior, non-tenured, religion scholars of colour to complete a major research project on an issue in North American Christianity, related to the priorities of the Louisville Institute (i.e., to enrich the religious lives of Americans).

Value:  
maximum of $40,000 for a maximum of one year.  

Application process:  
The Louisville Institute application deadline is January 15, 2019.  

Announcement Website: https://louisville-institute.org/programs-grants-and-fellowships/grants/  

ROADS contact:  
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207  

Wabash Center: Project Grants  
The objective of the Project Grant is to support activities that enhance teaching and learning in the fields of religion and theology. Project grants support projects that either:  

- improve teaching and learning practices  
- encourage research and study of pedagogical issues  
- nurture supportive teaching environments.  

The following is available:  
Small Project Grants (review https://www.wabashcenter.wabash.edu/wabash-grants/small-project-grants/)  
Large Project Grants (review https://www.wabashcenter.wabash.edu/wabash-grants/project-grants/)  

Value:  
Small Project Grants: up to $5,000  
Large Project Grants: up to $30,000  

Application Process:  
The Wabash Centre application deadline for Small Project Grants is any time during the year. The deadline for Large Project Grants is February 15, 2019.  

ROADS Contact:  
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207  

ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding  
The Institute for Catastrophic Loss Reduction (ICLR) and the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centres of Excellence invite proposals from social scientists to quickly deploy to a disaster-affected area in the aftermath of an extreme event to collect perishable data.
The objective: to support research that will learn from disaster events in order to better prevent disasters and protect communities in the future. This joint funding opportunity is being made available under the ICLR Quick Response Program (QRP) and MEOPAR’s Prompt Data Collection Program (PDC).


**Value:**
Applicants are required to submit a budget that cannot exceed $5,000 for a QRP application or $10,000 for a PDC application.

**Application Process:**
There is **no fixed deadline** for submitting proposals, proposals are submitted and reviewed on an **ongoing basis.** Notify ROADS of intent to apply as soon as possible.

**ROADS Contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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**Weston Brain Institute, Big Ideas: Canada**

The objective of the **Big Ideas: Canada** is to support a large-scale, pivotal project that will have a significant and sustained impact on accelerating translational research on the development of therapeutics for neurodegenerative diseases of aging.

The Institute defines neurodegenerative diseases of aging to include:

- Alzheimer’s disease
- Dementia with lewy bodies
- Frontotemporal dementia
- Multiple system atrophy
- Parkinson’s disease
- Progressive supranuclear palsy
- Vascular contributions to the above diseases (not stroke-mediated vascular disease)
- Prodromes to the above diseases, including: a) mild cognitive impairment as prodromal to Alzheimer’s disease, b) REM sleep behaviour disorder as prodromal to Parkinson’s disease.

http://westonbraininstitute.ca/funding-opportunities/big-ideas-canada/

**Value:**
$5,000,000 to $20,000,000 over 5 years. Applicants must identify the total cost of the project, split by year, and major category of expense.

**Application Process:**
The Weston Brain Institute Letter of Intent is due **now.** The Letter of Intent is accepted on a rolling basis.

**ROADS Contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Weston Brain Institute, Early Phase Clinical Trials: Canada

The objective of the **Early Phase Clinical Trials** program is to provide significant support for 1) translational research to accelerate the development of therapeutics for neurodegenerative diseases of aging, and 2) clinical trials and/or clinical trial sub-studies that have excellent preliminary data.

All projects must involve the development of a therapeutic and/or a tool.


**Value:**
maximum $1,500,000 per project over a maximum 4 years

**Application Process:**
The Weston Brain Institute letter of intent is accepted on a **rolling basis**.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

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**Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call**

The objective of the **International & Interdisciplinary Research Workshops** is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centered on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.

The **Open Call** is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

[https://www.cifar.ca/assets/researchworkshops/](https://www.cifar.ca/assets/researchworkshops/)

**Value:**
CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.

**Application Process:**
The CIFAR will accept applications on a **rolling basis**.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

The objective of the (new) *Targeted Grants in Mathematics and Physical Sciences* program is to support high-risk projects of exceptional promise and scientific importance in mathematics, theoretical physics and theoretical computer science.

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-mps/

**Value:**
There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and travel are allowable. The grant provides funding for up to 5 years.

**Application Process:**
Letters of Intent are considered on a *rolling basis* with a response time within 2 months.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**McMaster Institute for Research on Aging - MIRA AND LCMA Matching Funds for Research Opportunities**

In order to improve the positioning of McMaster’s researchers in external funding competitions, MIRA and the Labarge Centre for Mobility in Aging (LCMA) have allocated funding that could be used to match or leverage external funds. The process for requesting these funds can be found by following the link below. This process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.

https://mira.mcmaster.ca/docs/default-source/Documents-and-Files/matchingfunds_process_7march.pdf?sfvrsn=0

**Value:**
Matching funds up to $100,000

**Application Process:**
Submissions to MIRA should be sent to MIRAinfo@mcmaster.ca at least one month before the grant submission is due.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canada Foundation for Innovation (CFI): Research Facilities Navigator

The objective of the Research Facilities Navigator is to provide a searchable, online directory of research facilities in universities, colleges and hospitals across Canada, that are open to working with business.

This past Summer, the CFI responded to interest expressed from institutions to list facilities with cutting-edge equipment, that is not CFI-funded, in the Research Facilities Navigator.

The CFI now invites research facilities to post a free online profile in the Navigator.

https://navigator.innovation.ca/en

Partnership for Clean Competition (PCC): Research Grants and Micro-Grants

The PCC supports research that contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants, in all sports, at all levels of play. The PCC has recently announced the following funding opportunity:


**Value:** for projects requiring less than $75,000 and fewer than 6 months to complete

**Application process:** The PCC accepts Micro-Grant requests year-round.

**Announcement website:** [http://www.cleancompetition.org/](http://www.cleancompetition.org/)

**ROADS contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

CIHR, NSERC, SSHRC and the Canada Foundation for Innovation, Invitation for Feedback: Prioritizing Future Challenges for Canada

Canada’s three research granting agencies, the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council of Canada, the Social Sciences and Humanities Research Council of Canada, and the Canada Foundation for Innovation, are seeking your expertise to help prioritize which future challenges identified through a recent horizon scan are considered most important for Canada.

The scan has identified 16 future challenges with the potential to shape society in profound ways, which are all multi-disciplinary and require broad collaboration to address.
The granting agencies ask that you select one top challenge, and explore its possible impacts through a brief survey. For the challenge you select, you will be asked a series of questions. You will have the option of repeating the exercise for a challenge you deem of next-most importance.

Beyond the 16 challenges identified in the horizon scan, you have the opportunity to identify additional challenges deemed critical to Canada’s future.

The granting agencies are inviting input from a variety of individuals across the academic, private, public and not-for-profit sectors, in Canada and internationally.

By taking part in their brief prioritization exercise, using the Futurescaper crowdsourcing tool, you will help to identify which challenges to consider for possible future programming and/or corporate activities. Once you have reviewed the 16 future challenges, the exercise will take you approximately 10 - 15 minutes to complete.

To begin, please follow this link: FUTURE CHALLENGES PRIORITIZATION

Results of this foresight exercise will be available by Spring 2019. Responses are anonymous and results will be aggregated to ensure anonymity.

Institute for Catastrophic Loss Reduction (ICLR): Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data. The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

Although all proposals will be considered, the ICLR has identified areas where it would like to see the literature developed. This list may be updated from time to time. Proposals that engage one or more of the following topics, or classes of disasters will be given extra weight:

1. Adaptation/Mitigation behaviours
2. Hazard risk communication - pre/post disaster
3. Community recovery/household recovery capacity
4. Resilience indicators
5. Damage assessments (social/environmental/economic)
6. Interagency and intergovernmental coordination
7. Perceptions of natural hazards
8. Post disaster mitigation – build back better

In addition to expanding academic knowledge, funded researchers submit brief reports that make preliminary analyses of recent events available to ICLR’s multidisciplinary network of researchers, practitioners and educators, as well as other interested parties.

https://www.iclr.org/quickresponse.html

Value:
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc. A maximum $5,000 is available for an exceptional proposal.

**Application process:**
The ICLR will accept applications at **all times**.

**ROADS contact:**
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

### Shastri Indo-Canadian Institute (SICI): Grants

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Institute has recently announced the following funding opportunities:

1. **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review **Scope of GIAN**, priority areas at [http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/](http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/))

   **Value:**
   Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

   **Application Process:** Applications can be submitted **throughout the year**.

2. **Shastri Faculty-In-Residence Programme (FIR)/Global Initiative for Academic Network (GIAN)**, the objective: for Canadian faculty members, scientists, and entrepreneurs to take up engagements at Indian institutions. This Programme is projected to tap the talent pool of Canadian faculty and to 1) encourage them to connect with the institutes of Higher Education in India to boost the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review **Scope**, priority areas at [http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/](http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/))

   **Value:**
   $8,000 – $12,000 USD for 1 or 2 weeks

   **Application Process:** Applications can be submitted **throughout the year**.
3. **SICI Membership Development Fund (SMDF) 2017-18**, the objective: to publicize and promote SICI mandates, as well as programs and grants offered by SICI Canada and India offices, to its Canadian Members Council Institutions to 1) enable faculty, student and staff of his /her institution to apply, and 2) receive the benefits of being active members of the SICI.


**Value:**
Each Canadian member institution will receive up to $500 CND.

**Application Process:**
Applications can be submitted **throughout the year**.

**ROADS Contact:**
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

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**Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership**

The Research Office for Administration, Development & Support (ROADS) encourages you to consider joining NSERC Committees. Being a Committee Member is a valuable experience that demonstrates your involvement in the community and peer evaluation process, and highlights your expertise in your field.

NSERC invites the Canadian research community (i.e., universities, scientific societies, governments and companies) to submit the names of individuals for possible service on its program-related standing committees, and its various selection committees and panels.

Nominees should be individuals who:

a) are known and respected for their capabilities;
b) know and understand Canadian university-based research;
c) display both breadth and depth of understanding and knowledge in their field and beyond;
d) exercise good judgement; and

e) are able to recognize value to Canada as a whole.


**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581