Week of July 14, 2017

Dear colleagues,

As we enter a new academic year, I wanted to provide a new central avenue of communication for the Chair’s Office to share announcements and updates with department members. This weekly update will encompass a number of items such as details of funding competitions, education opportunities, job opportunities, appointments to new roles, and award announcements. Please find below this week’s updates:

• Please join me in welcoming the following new faculty who joined the department on July 1:
  Assistant Professor:  
  Dr. Colleen Connolly, Neurology  
  Dr. Arsha Karbassi, Cardiology  
  Dr. Shawn Mondoux, Emergency Medicine  
  Dr. Muntasir Saffie, Respirology  
  Dr. Joshua Wald, Respirology  
  Dr. Mimi Wang, Geriatric Medicine  
  Dr. Seychelle Yohanna, Nephrology  
  Assistant Clinical Professor:  
  Dr. Paul Stacey, PM&R  
  Assistant Clinical Professor (Adjunct):  
  Dr. Vikram Comondore, Respirology  
  Dr. Jade Coyne, Respirology

• I am further pleased to welcome our new clinical scholars who began on July 1:  
  Dr. David Collister, Nephrology  
  Dr. Raed Al-Dabbagh, Gastroenterology  
  Dr. Saeed Darvish-Kazem, Cardiology  
  Dr. Julie Huang, Respirology  
  Dr. Leslie Martin, General Internal Medicine  
  Dr. Siavash Piran, Hematology and Thromboembolism  
  Dr. Reema Shah, Endocrinology and Metabolism  
  Dr. Mona Sidhu, Geriatric Medicine  
  Dr. Ben Tam, Critical Care  
  Dr. Diana Ulic, Critical Care  
  Dr. Arthur Wong, General Internal Medicine  
  Dr. Steven Wong, General Internal Medicine

• McMaster University’s Faculty of Health Sciences is seeking outstanding, internationally-based researchers (including Canadian expatriates) from Health Sciences and at all career stages for consideration as Canada 150 Research Chairs nominees. Application Form and CV to HRS by July 31st, 2017, Registration for Canada 150 online Application August 18th, 2017, Full Application due September 15th, 2017. Further details and application are attached.
• Attached is copy of the July 7 HRS Funding Opportunities Bulletin.

• The UGME program is short of tutors for both MF1 Class of 2020 and MF5 Class of 2019 beginning this fall for Medical Foundation 1: Sept 5-Dec 1, 2017 (Resp, Cardio, Heme); and Medical Foundation 5: August 28-Nov 24, 2017 (MSK, Neuro, Brain & Behaviour). The commitment would be two 3-hour tutorials weekly, either Monday & Thursday after 1:00 pm OR Tuesday & Friday after 1:00 pm. Sharing the tutor role with a colleague may be possible. Tutors must have tutored previously, have taken the UGME MacEssentials tutor training workshop or be recent Mac grads. If you can assist, please contact Jane Bennett, Curriculum Coordinator for UGME at X22981 or bennj@mcmaster.ca

• CIHR is pleased to announce the launch of the Project Grant: Fall 2017 Project Grant competition. Please note the following key dates:
  Registration period: July 11 to August 15, 2017
  Application period: August 16 to September 15, 2017
  Funding start date: April 1, 2018

As announced on July 10 by Dr. Rod McInnes, Acting President, changes have been made as a first step to improving the Project Grant competition. Read the full message

Upcoming webinars
- To support this funding opportunity, CIHR will be holding a series of Question and Answer webinars on the Project Grant: Fall 2017 application. Webinars will start on Thursday, July 20 and will provide participants with a brief overview of recent changes and an opportunity to ask questions.
- For more information and to register, please visit the CIHR Webinars page.
- Please feel free to direct all additional inquiries about this funding opportunity or webinars to the CIHR Contact Centre at support@cihr-irsc.gc.ca

• The RCPSC has announced Regional funding opportunities available for Royal College fellows. Are you seeking financial support for your self-learning or group-learning activity? Applications for Professional Development Grants and CPD Activity Grants are available year-round for Fellows or regional/provincial physician organizations planning self-directed or departmental learning activities:

  - Professional Development Grants (up to $4,000): open to Fellows in good standing who are embarking on a planned learning project, as defined under Section 2 of the Maintenance of Certification (MOC) Program. Projects may include learning a new skill or expand an area of competence relevant to the scope of practice or to support participation in formal courses offered by a university, college or institute. More information...

  - CPD Activity Grants (up to $2,000): open to regional and provincial physician organizations planning continuing professional development
(CPD) group learning events, as recognized and defined under Section 1 of the MOC Program or accredited simulation activities with Section 3 of the MOC Program.  

Anyone interested should contact Dr. J. Mark Walton, Regional Advisory Committee (RAC) 3 Chair at rac3chair@royalcollege.ca

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
McMaster University’s Faculty of Health Sciences is seeking outstanding, internationally-based researchers (including Canadian expatriates) from Health Sciences and at all career stages for consideration as Canada 150 Research Chairs nominees.

The Canada 150 Research Chairs program will invest $117.6 million to enhance Canada’s reputation as a global centre for science, research and innovation excellence, in celebration of Canada’s 150th anniversary. It will provide Canadian universities with a one-time investment to attract top-tier, internationally based scholars and researchers (including Canadian expatriates) to Canada.

Only researchers who are internationally based at the time of the application (both working and residing outside of Canada), including Canadian expatriates, are eligible for the program. Researchers who are already at a Canadian institution are not eligible. Please consult the Canada 150 Research Chairs website for full program information, including further details on eligibility criteria.

McMaster values a diverse community and encourages applications from highly qualified candidates with skills and abilities that will contribute to the values of equity, diversity and inclusivity in research, teaching and the workplace. McMaster has a strong commitment to employment equity and encourages applications from women, persons with disabilities, Indigenous persons, members of racialized communities and LGBTQ-identified persons. We also appreciate that these identity positions do not occur in isolation from one another.

**Selection Criteria**

McMaster’s nominees for the Canada 150 Research Chairs program will be selected in accordance with the following criteria:

1. Research/academic merit of the candidate
   - The quality of the candidate’s research track record, as measured through bibliometric evidence or other measures of research productivity and impact.
   - The candidate is a top-tier, internationally based researcher whose accomplishments have made a major impact in their fields (as appropriate based on career stage).

2. Potential contribution of the candidate to the research enterprise at McMaster and in Canada
   - The potential contribution of the research chair in enhancing the research landscape at McMaster and in Canada, such as:
     - filling a gap within existing expertise;
     - building research capacity in new fields or increasing critical mass in existing areas;
• contributing to the values of equity, diversity and inclusivity in research, teaching and the workplace.
• likelihood that the work of the candidate will advance the reputations of McMaster and Canada as a global centre for science, research and innovation excellence; and
• potential for the candidate’s expertise to create social and economic advantages for Canada.

How to Apply

• complete the application form attached to this e-mail;
• provide the nominee’s curriculum vitae;
• In our efforts to fulfill our commitment to the diversity, equity and inclusivity, you are invited to complete a brief diversity survey as part of the application process. This survey can be found at https://surveys.mcmaster.ca/limesurvey/index.php/454487?lang=en. The survey is voluntary and will take approximately two minutes. All information collected is confidential and will not be shared with the selection committee. The results of the survey are for institutional planning purposes, and support our efforts to promote diversity, equity, and inclusivity.

McMaster University recognizes the potential impact that career interruptions and personal circumstances (e.g., pregnancy, early childcare, eldercare, illness, etc.) can have on a candidate’s record of research achievement. We encourage candidates to explain in their applications the impact that career interruptions, or other issues may have had as described under “Career Interruptions” at CRC’s Guidelines for ensuring a fair and transparent recruitment and nomination process at http://www.chairs-chaires.gc.ca/program-programme/equity-equite/recruitment-recrutement-recrutement-eng.aspx. Further detail may be found under Guidelines for Assessing the Productivity of Nominees at http://www.chairs-chaires.gc.ca/peer_reviewers-evaluateurs/productivity-productivite-eng.aspx#career.

Please submit application forms and a copy of the nominee’s cv to Tracy Arabski at arabski@mcmaster.ca by July 31st, 2017.

Employment Equity Statement

McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and, within the lands protected by the “Dish With One Spoon” wampum agreement.

In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration and diversity, and has a strong commitment to employment equity. The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. The University seeks qualified candidates who share our commitment to equity, diversity and inclusivity. While all qualified candidates
are invited to apply, we particularly welcome applications from women, persons with disabilities, First Nations, Métis and Inuit peoples, members of visible minorities, and LGBTQ+ persons.

Job applicants requiring accommodation to participate in the hiring process should contact the Human Resources Service Centre at 905-525-9140 ext. 222-HR (22247) or the Faculty of Health Sciences Human Resources office at ext. 22207 to communicate accommodation needs.
Canada 150 Chairs – Faculty of Health Sciences
Application Form

The Government of Canada will invest $117.6 million over eight years to attract top-tier international scholars, scientists and innovators. The new Canada 150 Research Chairs program provides one-time funding in celebration of Canada’s 150th anniversary. It is designed to attract approximately 25 internationally esteemed researchers and Canadian expatriates who wish to relocate to Canada so they can further knowledge in the sciences, technology, health, engineering and the social sciences and humanities. The Government anticipates that the drive to recruit new chairs will take months, not years, and will encourage equity and diversity among successful candidates.

A. Potential Candidate

<table>
<thead>
<tr>
<th>Name</th>
<th>Current Institution</th>
<th>Area of Research</th>
<th>International or Ex-patriate?</th>
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B. Statement of Research and Teaching Interests
(Outline briefly your research and teaching interests including significant collaborations and how will your research fill a gap within existing expertise and build research capacity in new fields or increase critical mass in existing areas)

C. University Community Advancement
(Describe how the applicant will advance the University’s commitment to building an inclusive community and to fostering a culture which embraces and promotes the values of equity, diversity and inclusivity in research, teaching and the workplace; and how the applicant will advance the reputations of McMaster and Canada as a global centre for science, research and innovation excellence; and create social and economic advantages for Canada)

Please submit this form and a copy of the potential applicant’s cv to Tracy Arabski at arabski@mcmaster.ca by July 31st, 2017.
## News & Events

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<th><strong>Natural Sciences and Engineering Research Council of Canada (NSERC) 2018 Discovery Grants Program Competition</strong></th>
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<tr>
<td><strong>Canadian Common CV Help Session:</strong> July 11 1:00 p.m. – 3:00 p.m. BSB 244</td>
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<tr>
<td>The Natural Sciences and Engineering Research Council of Canada (NSERC) is now accepting Notices of Intent to Apply (NOIs) for the 2018 Discovery Grants competition. For this submission it is required that an NSERC Canadian Common CV (CCV) is submitted along with your Notice of Intent.</td>
</tr>
<tr>
<td>ROADS is hosting a drop-in help session on <strong>Tuesday July 11 from 1:00 – 3:00 p.m. in BSB room 244</strong> to assist researchers with their NSERC Canadian Common CVs. This room is equipped with 50 computers that researchers can use to work on their NSERC CCV while receiving help from ROADS. Please stop by to work on your NSERC CCV for your Discovery Grants NOI and ask any questions about your application.</td>
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<tr>
<td><strong>Please register at:</strong> <a href="https://nserccommoncv.eventbrite.ca">https://nserccommoncv.eventbrite.ca</a></td>
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<tr>
<td>For any questions or concerns please contact Virginia Viscardi, Senior Advisor at <a href="mailto:viscarvl@mcmaster.ca">viscarvl@mcmaster.ca</a> or extension 24519.</td>
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<tr>
<th><strong>NSERC Webinar on &quot;How to submit a Notification of Intent to Apply&quot;</strong></th>
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<tr>
<td>In preparation for the submission of Notifications of Intent to Apply (NOI) for Discovery Grant, NSERC will host webinars to assist the research community on “How to submit a NOI using the Research Portal and the NSERC Canadian Common CV (CCV). Open to members of the research community across Canada.</td>
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<tr>
<td><strong>Date:</strong> Thursday, July 13, 2017</td>
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<tr>
<td><strong>Time:</strong> 1:00 to 3:00 p.m. (ET)</td>
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<tr>
<td><strong>Conference Number:</strong> 1-877-413-4790</td>
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<tr>
<td><strong>Conference ID:</strong> 7462843</td>
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<tr>
<td><strong>Link:</strong> <a href="http://nsercofcanada.adobeconnect.com/complete-application/">http://nsercofcanada.adobeconnect.com/complete-application/</a></td>
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<tr>
<th><strong>NSERC Committee Membership</strong></th>
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<tr>
<td>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 are known and respected for their capabilities, who know and understand Canadian university-based research, who display both breadth and depth of understanding and knowledge in their field and beyond, who exercise good judgement, and who are able to recognize value to Canada as a whole.</td>
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<tr>
<td>For more information, please click <a href="#">HERE</a>.</td>
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Health Research Grant Competitions  
*Programs administered by Health Research Services, unless otherwise indicated. Email: hsresadm@mcmaster.ca*

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<td>CIHR – Operating Grant: Impact Grant: CEEHRC Phase II</td>
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<td>CIHR - Catalyst Grant: Population Health Intervention Research on Legalization of Cannabis</td>
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<td>CIHR - Team Grant: HIV Implementation Science – Component 2</td>
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<td>CIHR – Project Grant Spring 2017 Competition</td>
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<td>CIHR – Fellowship: Banting Postdoctoral Fellowships Program (2017-2018)</td>
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<td>Contact Graduate Studies</td>
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<td><strong>NEW</strong> CIHR – Doctoral Research Award: 2017-2018</td>
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<td><strong>NEW</strong> CIHR – Doctoral Research Award: Fall 2017 Priority Announcement (Specific Research Areas)</td>
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<td><strong>NEW</strong> CIHR – Operating Grant: HIV/AIDS Community-Based Research (2017-2018)</td>
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<td><strong>NEW</strong> CIHR – Catalyst Grant: Global Governance AMR &amp; Related Infectious Disease Threats</td>
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<td>CIHR – Operating Grant: SPOR &amp; JDRF – ICT Multi-Year Grant</td>
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<td>CIHR – Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant (2017)</td>
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<th>Funding Opportunity (Non-CIHR)</th>
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<td>Social Sciences and Humanities Research Council (SSHRC): Connection Grants</td>
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<td>Grand Challenges Canada: Stars in Reproductive, Maternal, Newborn and Child Health</td>
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<td>Michael J. Fox Foundation for Parkinson’s Research - Inflammation Biomarkers for Parkinson’s Disease</td>
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<td>Michael J. Fox Foundation for Parkinson’s Research – Computational Science Awards</td>
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<td>End Date 1</td>
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<td>OICR Cancer Therapeutics Innovation Pipeline Strategic Initiative</td>
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<td>Brain Canada – Kids Brain Health Network Fellowships in Developmental Neuroscience</td>
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<td>Ontario Brain Institute (OBI): Event Funding Program</td>
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<td>Alex’s Lemonade Stand Foundation – Discovery Grant</td>
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<td>Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2017-18 OMAFRA Food Safety Research Program</td>
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<td>Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grants</td>
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<td>Early Researcher Awards (ERA) Round 13</td>
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<td>Susan G. Komen Career Catalyst Research (CCR) Grants</td>
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<td>Alex’s Lemonade Stand Foundation – FPD/AML RUNX1 Grant</td>
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<td>Alex’s Lemonade Stand Foundation – Nurse Researcher Fellowship</td>
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<td>The Terry Fox New Frontiers Program Project Grants (2018)</td>
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<td>Escher Fund for Autism, Germline-Borne Etiology of Autism and Dysregulated Neurodevelopment: The Question of Early Gamete Exposure to General Anesthesia</td>
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<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC) 2018 Discovery Grants Program Competition</td>
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<td>Ontario’s Solutions 2030 Challenge</td>
<td>Aug 1 MILO</td>
<td>Sep 8 MILO</td>
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<tr>
<td>Cystic Fibrosis Canada: Research Programs and Research Awards</td>
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*NEW* Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments (RTI) Program | Aug 21 ROADS | Sep 18 DRAFT TO ROADS | Oct 18 ROADS |
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<th>Funding Opportunities (DoD)</th>
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<td><em>NEW</em> Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2017</td>
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<tr>
<td><em>NEW</em> Department of Defense Military Burn Research Program Anticipated Funding Opportunities for Fiscal Year 2017</td>
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<tr>
<td><em>NEW</em> Department of Defense Spinal Cord Injury (SCI) Research Program Funding Opportunities for the Fiscal Year 2017</td>
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<td>Nov 29</td>
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<tr>
<td><em>NEW</em> Department of Defense Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2017</td>
<td>Aug 17</td>
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<tr>
<td><em>NEW</em> Department of Defense Alcohol and Substance Abuse Disorders Research Program (ASADRP) Funding Opportunities for Fiscal Year 2017 – Consortium Award</td>
<td>Sep 13</td>
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**CIHR - Travel Awards - Institute Community Support (Summer 2017)**

The ICS Travel Awards Funding Opportunity is expected to provide travel funds to individuals in aid of research and knowledge translation activities consistent with the CIHR Initiative priorities or CIHR Institutes’ vision, mandate and strategic directions. In addition to this overarching objective, each participating Institute/Initiative has its own Relevant Research Area which is outlined in the “**Sponsor Description**” section of this funding opportunity.

**Funding Details:** The maximum value of each individual ICS Travel Awards varies by institute but must be of a minimum value of $500.

**Additional Details**

**Internal HRS Deadline:** July 11, 2017  
**Sponsor Deadline:** July 25, 2017
The overarching objective of the CEEHRC initiative is to enhance the translation of epigenetics research to health benefits. The goal of this funding opportunity is to support collaborative research teams that have the capability to transform epigenetics research, enhance our understanding of gene-environment interactions, address major health research questions (including health services/policy/economic/ethical, legal or social issues), and foster the application of knowledge gained to the clinic and/or to populations. This funding opportunity thus encourages the long-term translation of research in epigenetics to health benefit through transformational team-based approaches.

Specific objectives include but are not limited to:

- Improve our understanding of how the physical and social environment interacts with the genome to affect normal and abnormal human development across the life course, including the effects of early life on the brain and mental health (i.e., "social epigenomics");
- Enhance our understanding of the origins and mechanisms of disease, especially complex human disease, chronic disease and cancer;
- Provide new information regarding the basis of gene-environment interactions, and their implications across populations and generations;
- Explore inter- and trans-generational inheritance through biological sex-specific mechanisms; and
- Identify and validate new epigenetic biomarkers/signatures and potential therapeutic or diagnostic targets of relevance for human health and disease.

**Funding Details:** The total amount available for this funding opportunity is $7,500,000, enough to fund approximately 5 teams. This amount may increase if additional funding partners participate. The maximum amount per grant is $300,000 per year for up to 5 years for a total of $1,500,000 per grant.

**Additional Details**

**LOI Deadline:** August 15, 2017

**Internal HRS Deadline:** January 23, 2018

**Sponsor Deadline:** February 6, 2018

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**CIHR – Operating Grant: Impact Grant: CEEHRC Phase II**

This funding opportunity will support projects relevant, but not limited to, the following research areas:

- complex diseases and chronic conditions, including but not limited to cancer, mental health and how diet and nutrition can influence chronic disease,
- inflammation and host-microbiome interactions,
- health and wellness considerations for Indigenous Peoples
- implications for populations with vulnerabilities

**Funding Details:** The total amount available for this funding opportunity is $6,000,000, enough to fund approximately 10 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $200,000 per year for up to 3 years for a total of $600,000, per grant.

**Additional Details**

**LOI Deadline:** July 18, 2017

**Internal HRS Deadline:** August 1, 2017

**Sponsor Deadline:** August 15, 2017
CIHR - Catalyst Grant: Population Health Intervention Research on Legalization of Cannabis

The Catalyst Grant: Population Health Intervention Research on the Legalization and Regulation of Non-Medical Cannabis in Canada is expected to:

- Support the prompt initiation of intervention research that will assess how the legalization and regulation of non-medical cannabis in Canada could directly or indirectly impact population health and health equity;
- Generate data and evidence to monitor and evaluate the potential benefits, harms, and unintended consequences of legalizing and regulating non-medical cannabis to population health and health equity; and
- Facilitate consideration and application of new evidence from population health intervention research to inform ongoing and future development of policies, practices, and programs involving cannabis.

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

Of this $1,000,000:
- $400,000 is available to fund applications relevant to developing data infrastructure.
- $100,000 is available to fund applications relevant to First Nations, Inuit, Métis, and/or Urban Indigenous populations.
- Once funds in each pool have been exhausted, all applications in the competition will be pooled together and funded in rank order as far as the remaining funds will allow.

Additional Details
Internal HRS Deadline: August 8, 2017
Sponsor Deadline: August 22, 2017

CIHR - Team Grant: HIV Implementation Science – Component 2

The HIV Implementation Science – Component 2 is expected to:

- Scale up and/or implement interventions in HIV, HCV and STBBI’s through community informed enhancements or adaptations using an implementation science approach.

The specific objectives of the Component 2: Implementation grants are to:

- Establish multidisciplinary, multi-sectoral teams with a range of expertise relevant to:
  - involved communities/populations/ settings;
  - HIV, Hep C (HCV) and other STBBI prevention interventions;
  - decision making/policy environments; and
  - disciplines relevant to implementation science.
- Scale up and/or implement effective interventions (biomedical, behavioural and/or structural) relevant to target populations in Canada and their context including the following dimensions:
  - geography ( remote and/or rural and/or urban settings)
  - social/demographic mix of the community (gender, age, vulnerable populations including Indigenous Peoples, Official Language Minority Communities)
- Reduction of transmission of HIV/Hepatitis C/STBBI’s in local communities and in target populations in Canada.
- Build research capacity and mentoring in the prevention of HIV research

Funding Details: The total amount available for this funding opportunity is $10,000,000, enough to fund approximately 5 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $400,000 per year for up to 5 years for a total of $2,000,000 per grant.

Of this $10,000,000:
- $2,000,000 is available to fund an application that focuses exclusively on First Nations, Inuit, Métis and/or Urban Indigenous populations.

Additional Details
Internal HRS Deadline: August 8, 2017
Sponsor Deadline: August 22, 2017
CIHR – Foundation Scheme Competition 2017-18
The Foundation Scheme is designed to contribute to a sustainable foundation of new and established health research leaders, by providing long-term support for the pursuit of innovative and high-impact research programs. The Foundation Scheme is expected to:

- Support a broad base of health research leaders across all career stages, areas, and health-related disciplines with a demonstrable track record of excellence and impact in their field of study.
- Develop and maintain Canadian capacity in health research and other related fields.
- Provide research leaders with the flexibility to pursue novel and innovative lines of inquiry.
- Contribute to the creation and application of health-related knowledge through a wide range of research and/or knowledge translation activities, including relevant collaborations.

Specific criteria:

- **Mid Career/Senior Investigators** will be awarded 7-year grants. **New/Early Career Investigators** will be awarded 5-year grants.
- There are no budget minimums or maximums; # grants funded will be based on peer review recommendations and requested budgets
- For existing CIHR grantees, the budget request should be consistent with the applicant's previous CIHR Open Funding history as a Nominated Principal Investigator. CIHR will provide a calculated baseline budget to all Stage 2 applicants. Stage 2 applicants must provide robust justification for requests that are significantly higher than their historical grant levels.
- A minimum of 15% of funded grants will be allocated to New/Early Career Investigators.

This is a TWO stage competition with a mandatory Registration. Adjudication will determine candidates who move to Stage 2.
Also, this is an e-approval competition with SET INTERNAL deadlines at each STAGE on Research NET (RNet).

Additional Details
Registration deadline: August 8, 2017
HRS INTERNAL Stage 1 deadline: September 6, 2017 at 4:00 pm (choose Institution Paid McMaster on ResearchNet in App Details)
Final Stage 1 CIHR deadline: September 12, 2017

CIHR – Project Grant Spring 2017 Competition
The Project Grant program is designed to capture ideas with the greatest potential to advance health-related knowledge, health research, health care, health systems, and/or health outcomes. It supports projects with a specific purpose and a defined endpoint. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

The Project Grant program is expected to:

- Support a diverse portfolio of health-related research and knowledge translation projects at any stage, from discovery to application, including commercialization;
- Contribute to the creation and use of health-related knowledge;
- Promote relevant collaborations across disciplines, professions, and sectors.

Funding Details: The combined total amount available for CIHR's 2017-18 Investigator Initiated Research Programs (which will include the Project Grant: Spring 2017, Project Grant: Fall 2017, and Foundation Grant: 2017-18 competitions) is approximately $575M.

Additional Details
LOI Deadline: August 15, 2017
Internal HRS Deadline: September 5, 2017 E-approval Competition
Sponsor Deadline: September 15, 2017
CIHR – Fellowship: Banting Postdoctoral Fellowships Program (2017-2018)
The Banting Postdoctoral Fellowships program provides funding to the very best postdoctoral applicants, both nationally and internationally, who will positively contribute to the country’s economic, social and research-based growth. The objective of the Banting Postdoctoral Fellowships program is to:

- attract and retain top-tier postdoctoral talent, both nationally and internationally
- develop their leadership potential
- position them for success as research leaders of tomorrow

Funding Details: $70,000 per year for 2 years (non-renewable)

Additional Details
Contact Antonella Masciantonio in Graduate Studies to Apply
Sponsor Deadline: September 20, 2017

CIHR – Doctoral Research Award: 2017-2018
The specific objectives of this funding opportunity are:

- To provide recognition and funding to students early in their academic research career, providing them with an opportunity to gain research experience;
- To provide a reliable supply of highly skilled and qualified researchers.

Funding Details: For this competition, applications will be accepted in all areas of health research, including biomedical, clinical, health services and social, cultural, environmental and population health.

- It is anticipated that approximately $14 million over three years will be available for the CGS-D competition, enough to fund approximately 133 awards.
- It is anticipated that approximately $1.05 million over three years will be available for the DFSA competition, enough to fund approximately 10 awards.
- Trainee stipend: $30,000 per annum.
- Research allowance: $5,000 per annum

Additional Details
Internal HRS Deadline: September 19, 2017
Sponsor Deadline: October 3, 2017

CIHR – Doctoral Research Award: Fall 2017 Priority Announcement (Specific Research Areas)
Priority Announcements on Doctoral Research Award competitions offer additional sources of funding for highly rated applications that are relevant to specific CIHR research priority areas or mandates. Applications are submitted through the "201710MDR" competition of the Doctoral Research Award: 2017-2018 funding opportunity.

Doctoral Research Awards are intended to provide special recognition and support to students who are pursuing a PhD degree in a health-related field in Canada or abroad. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

Funding Details: The maximum amount awarded for a single award is $35,000 per annum for up to three (3) years.

Additional Details
Internal HRS Deadline: September 19, 2017
Sponsor Deadline: October 3, 2017
The Operating Grant: HIV/AIDS Community-Based Research is expected to:

- Promote the creation of new knowledge that addresses gaps in the care cascade and reduces the incidence of new infections in high risk groups by focusing research on prevention efforts relevant to communities affected by HIV in Canada and aligns with the goals of the Federal Initiative;
- Promote the dissemination of new knowledge and uptake of evidence into action to enhance the community response to the HIV/AIDS epidemic;
- Develop partnerships between researchers and affected communities;
- Build capacity in the knowledge user community to engage in research and use evidence in their everyday business;
- Build the next generation of HIV/AIDS CBR researchers through meaningful engagement of trainees in high quality CBR projects.

Funding Details: The total amount available for this funding opportunity is $2,700,000, enough to fund approximately six grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $150,000 per year for up to three years for a total of $450,000, per grant. Of this $2,700,000:

- $1,800,000 is available to fund four applications relevant to the General Stream.
- $900,000 is available to fund two applications relevant to the Indigenous Stream.

Additional Details
Internal HRS Deadline: September 19, 2017
Sponsor Deadline: October 3, 2017

The Catalyst Grant: Global Governance of Antimicrobial Resistance and Related Infectious Disease Threats is expected to support mapping, collaboration, team-building, piloting, and mobilization work. Specifically, the objectives are to:

- Advance capacity-building efforts through the identification of existing research expertise in global governance arrangements, structures, and institutions in the areas of AMR and related infectious disease threats, and identify any gaps that may exist;
- Encourage collective action by identifying the similarities, differences, and common issues among global governance arrangements related to AMR and those related to other types of infectious disease threats;
- Initiate the mobilization of interdisciplinary Canadian health and social scientists, as well as knowledge users in the area of global governance to support the eventual creation of a dynamic, coherent, and strong Canadian centre/network that can position itself to conduct international, intersectoral, and interdisciplinary research and to participate in broader international collaborations; and
- Facilitate interdisciplinary national and/or international collaborations, resource alignment and sharing, capacity-building, and knowledge sharing among researchers and knowledge users, working on global governance and tackling AMR and related infectious disease threats.

Funding Details: Maximum $100,000 per year for up to one year.

Additional Details
Internal HRS Deadline: October 3, 2017
Sponsor Deadline: October 17, 2017
**CIHR – Operating Grant: SPOR & JDRF – ICT Multi-Year Grant**

The objectives of this funding opportunity are to:

- Enable new and established investigators to undertake innovative clinical trials in the area of type 1 diabetes (T1D);
- Support the development and testing of innovative paradigms for clinical studies in adult and pediatric T1D; and
- Build capacity for iCT research through training and mentoring.

**Funding Details:** The total amount available for this funding opportunity is $12,000,000, enough to fund approximately four grants. The maximum amount per grant is $750,000 per year for up to four years for a total of $3,000,000 per grant. CIHR and JDRF will co-fund each grant at a ratio of 1:1.

**Additional Details**

**LOI deadline:** August 8, 2017  
**Internal HRS Deadline:** October 31, 2017  
**Sponsor Deadline:** November 14, 2017

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**CIHR – Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant (2017)**

The specific objectives of this funding opportunity are to:

- Enable new and established investigators to undertake innovative clinical trials in using new or existing methods;
- Support the development and testing of innovative methods;
- Build capacity for iCT research through training and mentoring.

**Funding Details:** The total amount available for this funding opportunity is $9,000,000, enough to fund approximately six (6) grants. The maximum amount per grant is $375,000 per year for up to four years for a total of $1,500,000. Funding under SPOR is based on a 1:1 matching formula with non-federal government partners to ensure relevance and applicability.

**Additional Details**

**LOI deadline:** September 12, 2017  
**Internal HRS Deadline:** January 2, 2018  
**Sponsor Deadline:** January 16, 2018

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**Weston Brain Institute Postdoctoral Scholars 2017**

The Weston Brain Institute Postdoctoral Scholars program supports top-tier postdoctoral scholars by providing international training to encourage development of the next generation of leading Canadian neuroscientists. Candidates should apply with a host lab and potential supervisor at the University of Oxford. Awardees will have postdoctoral positions at the University of Oxford and affiliation with Merton College.

**Eligibility criteria** Applicants must be normally resident in Canada and must plan to return to live and work in Canada long-term upon completion of their award. The goal of the program is to provide researchers international training to contribute to translational research in neurodegenerative disease of aging in Canada, and postdoctoral scholars should plan to build their careers in Canada.

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

**Additional Details**

**Internal HRS Deadline:** July 12, 2017  
**Sponsor Deadline:** July 26, 2017
The Foundation Fighting Blindness – Restore Vision 20/20 Initiative
The Restore Vision 20/20 grant competition invites teams to apply for up to $400,000 per year for up to 4 years. Teams must create a 4-year strategic plan, including a high-level, 4-year budget. Funding will be contingent on the team’s yearly progress. Please review the Letter of Intent form for further details. The full application package will be forthcoming.
The Restore Vision 20/20 initiative will support teams who are developing a therapeutic approach to treat late-stage retinal degeneration, as experienced by people living with retinitis pigmentosa and other retinal diseases where the loss of photoreceptors leads to blindness.

Additional Details
LOI deadline: April 3, 2017
Internal HRS Deadline: July 14, 2017
Sponsor Deadline: July 28, 2017

Social Sciences and Humanities Research Council (SSHRC): Connection Grants
Applications submitted to SSHRC that would be more appropriately evaluated by NSERC or CIHR will not be accepted. In such cases, applicants may be required to submit a new application to the appropriate agency. Applicants working in research areas where boundaries overlap are advised to state clearly in all applications for funding why they believe their proposals are primarily appropriate for support by the agency to which they are submitting their application. Such applicants should contact the research services office at their institution for guidance. In addition, they should seek the advice of the appropriate program officer in charge of the program to which they are considering applying.

Additional Details
Internal HRS Deadline: July 18, 2017
Sponsor Deadline: August 1, 2017

Grand Challenges Canada: Stars in Reproductive, Maternal, Newborn and Child Health
Through the Stars in Reproductive, Maternal, Newborn and Child Health Request for Proposals, Grand Challenges Canada seeks bold ideas for products, services and implementation models that could transform how persistent challenges in reproductive, maternal, newborn and child health are addressed in low- and middle-income countries. Of particular interest to Grand Challenges Canada are innovations to improve reproductive, maternal, newborn and child health in humanitarian contexts, notably among internally displaced and refugee populations, as well as innovations that improve the sexual and reproductive health and rights of women and girls, so that they are empowered and have greater influence over their lives and futures.

Funding Details: up to CAD $100,000 for up to 12-18 months

Additional Details:
Internal HRS Deadline: July 20, 2017
Sponsor Deadline: August 3, 2017 (3:00 p.m. ET)

Michael J. Fox Foundation for Parkinson’s Research - Inflammation Biomarkers for Parkinson’s Disease
The Michael J. Fox Foundation for Parkinson's Research seeks to support research that will develop new or improve upon existing biomarker tools for neuroinflammation/peripheral inflammation in Parkinson's disease (PD). The specific goals of this initiative are to:
1) Facilitate the development of biomarker measures that can be utilized for novel target validation,
2) Assess pathological progression or phenoconversion, or
3) Identify inflammation paradigms unique to PD. Proposed biomarkers should facilitate objective decisions to validate a particular target or target efficacy marker (downstream readouts of successful target modification), improve the ability to enrich subject populations in clinical trials and/or determine whether experimental treatments are modifying the course of the disease, its symptoms or its progression.
Michael J. Fox Foundation for Parkinson’s Research – Computational Science Awards
The Computational Science Program seeks to enable development of technologies in biomedical computing, informatics, and data science for Parkinson’s disease (PD) therapeutic development. Funding through this program supports research that will develop improved computational approaches to understand the molecular underpinning of Parkinson’s disease that would ultimately lead to: biomarker detection, improving clinical outcome measures, and target identification.

Additional Details
LOI Deadline: May 31, 2017 5PM
Internal HRS Deadline: July 21, 2017
Sponsor Deadline (by invite only): August 4, 2017

Urology Care Foundation Physician Scientist Residency Training Award
The Physician Scientist Residency Training Award will grow the population of surgeon-scientists who can effectively lead robust research programs, successfully compete for independent research funding and more effectively engage with basic scientists. A program rare in the field of urology, but common in other medical and surgical fields, the program supports three years of research training embedded within residency.

Funding Information: The Urology Care Foundation will provide $75,000 per year ($225,000 total) to support the trainee during each of the three years of research training.

Additional Details
LOI Deadline: June 20, 2017
Internal HRS Deadline: July 25, 2017
Sponsor Deadline: August 8, 2017

OICR Cancer Therapeutics Innovation Pipeline Strategic Initiative
The Ontario Institute for Cancer Research (OICR) has established the Cancer Therapeutics Innovation Pipeline (CTIP) strategic initiative to capitalize on Ontario’s expertise in cancer biology and drug discovery. CTIP aims to support the translation of Ontario discoveries into therapeutic assets with the potential for improving the lives of cancer patients.

To stimulate collaborative research with the Ontario cancer research community in the area of cancer therapeutic discovery, OICR invites applications for early stage drug discovery.

Available Funding:
- Early Accelerator Projects - Up to $100,000 per year for a maximum of one year
- Late Accelerator Projects – Up to $250,000 per year for a maximum of two years
- Incubator Projects – Up to $2,000,000 over two years

Funding to begin: December 2017

Additional Details
LOI Deadline: June 16, 2017
Internal HRS Deadline: August 1, 2017
Sponsor Deadline: August 15, 2017
Brain Canada – Kids Brain Health Network Fellowships in Developmental Neuroscience

Brain Canada in partnership with Kids Brain Health Network and Academic Institutions across the country, are proud to launch a New Fellowship Award competition for research training in developmental neurosciences. The awards will be made to outstanding predoctoral and postdoctoral fellows undertaking a program of research training that incorporates original research into the origins, early detection and effective treatment of disorders of brain development. Fellows with programs of study with a concentration on knowledge translation and in neuroethical issues in the developmental neurosciences and neurodisabilities are also encouraged.

Funding Details: This competition has an overall envelope of up to $1,500,000 (including Sponsor matches).

Ontario Brain Institute (OBI): Event Funding Program

The Ontario Brain Institute (OBI) is committed to working together with external organizations to support initiatives that are compatible with the vision, goals and objectives of OBI. Funding for successful applicants will be provided in two tranches (first tranche 70% of total, second tranche 30% of total) and the Event Follow-Up Form must be signed and submitted prior to the second tranche. Applications will be reviewed in January, May, and September. (Please note: applicant must be a non-profit corporation such as a university, research hospital, or patient advocacy group. It cannot be an individual, a program, or a university department.)

Funding Details: Maximum Value of $5,000

Alex’s Lemonade Stand Foundation – Discovery Grant

Alex’s Lemonade Stand Foundation Nursing Grant Program is designed to encourage nursing research at various levels of practice. The Discovery Grant category aims to support independent and experienced nurse researchers and must include plans to disseminate and share findings to improve nursing care for children with cancer.

Funding Details: This grant totals $100,000 over 2 years.


The competition is open to research teams from public research organizations or researchers at universities or hospitals. Applications can be from individuals, a single team or several teams in collaboration. Proposals must be neither previously published nor subject to patent disclosures.

Funding Details: $30,000 for up to 2 years
The John Templeton Foundation: Small and Large Grant Program

The objective of the Small and Large Grant Program is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the Big Questions (Review Our Vision). The Core Funding Areas include:
a) Science & The Big Questions;
b) Exceptional Cognitive Talent & Genius;
c) Genetics;
d) Voluntary Family Planning;
e) Character Virtue Development;
f) Individual Freedom & Free Markets.

Internal HRS Deadline: August 17, 2017
Online Funding Inquiry Deadline: August 31, 2017

Healthy Minds Canada/Pfizer Canada Workplace Depression Research Awards

Healthy Minds Canada and Pfizer Canada are strongly committed to improving the health and quality of life of Canadians living with mental illness. The Healthy Minds Canada/Pfizer Canada Workplace Depression Awards are designed to help advance clinical research and patient care in psychiatry by supporting Canadian investigators. All submitted proposals will be evaluated by an external independent review committee comprised of Canadian medical research experts.

There are two awards valued at $25,000 each in the following areas of interest:

- Research assessing the impact of rapid and early optimization of treatment in depression:
  - On depression and level of functional improvement in workplace productivity, presenteeism and absenteeism
  - To minimize depression relapse in the workplace
  - To minimize the incidence of/mitigate the risks for depression in the workplace (e.g. quality improvement research).

- Research assessing the impact of psychiatric drug substitution on medication effectiveness and functional recovery in depression with respect to:
  - Efficacy, tolerability and adherence to medication following brand-to-generic switches
  - Efficacy, tolerability and adherence to medication following generic-to-generic switches
  - Understand patient, pharmacist and physician awareness of the potential impact of switches (brand-to-generic or generic-to-generic medications)

Additional Details

Internal HRS Deadline: August 18, 2017
Sponsor Deadline: September 1, 2017

Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2017-18 OMAFRA Food Safety Research Program

The Food Safety Research Program is an open, competitive research fund which enhances food safety in Ontario through innovative research. The program addresses the Ministry’s Emergency Management Research Theme which seeks to lessen the frequency and impact of agri-food emergencies. The Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) strives to fund demand-driven research that has ready receptors in policy, programs or the marketplace.

Since 2001, the program has allocated over $10 million to 114 projects at different institutions, resulting in:

- New or enhanced technologies that support the agri-food industry and government regulatory and laboratory programs
- New information about emerging food hazards and contaminants
- New strategies to reduce, eliminate or otherwise manage food safety risks

Funding Details: $150,000 Canadian (includes a maximum of 25% indirect costs)
Project duration: Up to three years in length

Pre-submission Consultation
Date: Tuesday, July 18th, 2017
Time: 1:30-3:00pm
Location: Conference Room 1, 1 Stone Road West, Guelph This consultation will provide an overview of the research program and the RMS on-line application system. There will also be time for questions. You can attend the consultation in person or by webinar. To register, please contact Krista Kapitan, krista.kapitan@ontario.ca.

Additional Details
Pre-Submission Consultation: July 18, 2017
LOI Deadline: August 21, 2017

Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grants
Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. They 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 supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.

Funding Details: $7,000 to $25,000 over one year

Additional Details
Notify ROADS of Intent to Apply: July 15, 2017
Draft Application due to ROADS: August 21, 2017
Final Application due to ROADS: September 5, 2017

Early Researcher Awards (ERA) Round 13
The early researcher awards program is a discretionary, non-entitlement program that encourages applications from all disciplines. Each award to a leading researcher is a maximum of $100,000 and must be matched by an additional $50,000 from the researcher’s institution and/or a partner organization.
The funds are to be used over a period of 5 years to fund eligible expenses for a research team of undergraduates, graduate students, post-doctoral fellows, research assistants, associates, and technicians. In addition, up to $40,000 will be provided by the Ministry to the institution for indirect costs.
The successful ERA applicants in fields of life sciences, and natural science and engineering will be eligible to apply for the 2018 Ontario-China Young Scientist Exchange Program.

Additional Details
LOI Deadline: July 7, 2017
Internal HRS Deadline: August 22, 2017
Sponsor Deadline: Sept 5, 2017

Susan G. Komen Career Catalyst Research (CCR) Grants
The goal of the FY18 CCR Grant is to support outstanding translational research focused on those breast cancers that do not currently respond well to standard of care therapies including triple negative breast cancer (TNBC), ER+ breast cancer with acquired resistance, and metastatic breast cancer of all sub-types.

Funding Details: $450,000 combined direct and indirect costs; ($150,000 per year for up to 3 years)
Natural Science and Engineering research Council of Canada (NSERC) PromoScience Program
NSERC’s PromoScience Program offers financial support for organizations working with young Canadians to promote an understanding of science and engineering (including mathematics and technology). Organizations may request funds for up to three years at a time.

**Funding Details:** NSERC’s contribution is generally up to one-third of a program’s funding. In past competitions, the average grant ranged from $15,000 to $25,000 per year. Organizations may request funds for up to three years at a time.

**Additional Details**
- Notify ROADS of Intent to Apply: July 24, 2017
- Draft Application due to ROADS: August 21, 2017
- Final Application due to ROADS: September 11, 2017

Canadian Cancer Society Research Institute – Impact Grants
The Impact Grant program is intended to contribute to the scientific idea ‘pipeline’ by supporting significant progression in cancer research programs, from individual investigators or multidisciplinary teams, that are anywhere in the continuum from basic high impact discovery to translational work of direct relevance to the clinic. Impact Grants will accelerate and focus the knowledge gained from scientific findings, in the short or long term, into outcomes that will significantly advance understanding of cancer and improve scientific knowledge, which will result in optimized patient care, improved cancer treatment or reduced cancer burden. Impact Grants are to provide funding to support ideas that promote major advancement in research programs, whether at the fundamental discovery stage (such as studies involving model organisms that demonstrate potential for impact) through to applied research (such as patient or population based proposals).

**Additional Details**
- LOI deadline: April 3, 2017 *Please notify HRS of intent to apply*
- Internal HRS Deadline: September 1, 2017
- Sponsor Deadline: September 15, 2017

Alex’s Lemonade Stand Foundation – FPD/AML RUNX1 Grant
The FPD/AML RUNX1 Grant is *seed funding* for studies such as understanding the biological basis for disease progression, developing models and identifying strategies leading to the development of therapies for preventing the transition from pre-leukemia to leukemia. The grant is open to adult and childhood cancer investigators at U.S. or foreign institutions.

**Funding Details:** The grant is $250,000 over two years.

**Additional Details**
- LOI Deadline: June 1, 2017
- Internal HRS Deadline: September 1, 2017
- Sponsor Deadline: September 15, 2017

Alex’s Lemonade Stand Foundation – Nurse Researcher Fellowship
The Nurse Researcher Fellowship grant aims to support early career nurse researchers who will be guided in their projects by a mentor and their institution. The fellowship’s goal is to train Ph.D. and Master’s level nurse researchers to initiate and lead a multi-site research project. With support from an experienced nurse research mentor identified by ALSF, fellowship recipients will develop a team within their own institutions as well as partnerships at other institutions to implement their proposed research study. A formal curriculum focuses on developing multi-site investigator skills as part of the Fellowship. This grant totals $100,000 over 2 years. Successful completion of the Fellowship should position investigators to apply for the ALSF Nursing Discovery grant or NIH research grants.

**Additional Details**
- Internal HRS Deadline: September 1, 2017
- Sponsor Deadline: September 25, 2017 at 11:59PM (Eastern Time)
The Terry Fox New Frontiers Program Project Grants (2018)
The purpose of the program is to stimulate new breakthroughs through group interactions based on the premise that high impact work in complex areas of cancer research requires collaboration. The Terry Fox New Frontiers Program Project Grant (PPG) is designed for researchers with complementary skills, who investigate different aspects of a given cancer relevant topic, the results of which will be realized more rapidly and efficiently than if the individual projects were to be funded as a series of independent operating grants. This long-standing funding opportunity has supported many of the best cancer research groups in Canada.

Funding Details: Support is offered, commencing on July 1, 2018, for
- New Applications of up to $750,000 per annum for a maximum of three years, and
- Renewing Applications of up to $1,500,000 per annum for a maximum of five years.

Additional Details
LOI Deadline: August 8, 2017
Internal HRS Deadline: September 15, 2017
Sponsor Deadline: September 29, 2017

Escher Fund for Autism, Germline-Borne Etiology of Autism and Dysregulated Neurodevelopment: The Question of Early Gamete Exposure to General Anesthesia
The Escher Fund for Autism is devoted to piloting novel research into the germline-based etiology of autism spectrum disorders and related pathologies of early neurodevelopment. We are pleased to announce a new grant opportunity. The Fund understands autism as a highly heritable condition (among siblings), with surprising rates of de novo and heterogenous mutations, inviting the question of how germline disruptions may have been induced within parental gametes. As DNA represents only one piece of molecularly controlled heritability—our work takes a "whole gamete" view of potential autism causation, including past exposures that may have upset regulatory, epigenomic, and cytoplasmic elements.

Additional Details
LOI Deadline: July 31, 2017

Natural Sciences and Engineering Research Council of Canada (NSERC) 2018 Discovery Grants Program Competition
The Discovery Grants Program assists in:
- promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- fostering research excellence; and
- providing a stimulating environment for research training.

Additional Details
LOI Deadline: August 1, 2017

Ontario’s Solutions 2030 Challenge
Ontario’s Solutions 2030 Challenge is an international competition designed to accelerate the commercialization of technologies that can significantly reduce greenhouse gas (GHG) emissions in Ontario by 2030. The Challenge will support the development of next-generation technologies that can reduce GHG emissions in an industry sector(s) that has, or collectively have, in Ontario a GHG footprint greater than 500,000 t CO2eq per year. To realize this objective, the Challenge will provide research teams with funding for prototype development and technology demonstration, while also connecting them with potential future customers in Ontario.

**If you are interested in applying, please contact your Business Development Manager in the McMaster Industry Liaison Office or Amber Metham before August 1, 2017.**
Cystic Fibrosis Canada: Research Programs and Research Awards

Cystic Fibrosis Canada has announced the following:

1) **Research Programs: Basic Science Research Grants** and **Clinical Research Grants**
   - **Basic Science**, the objective: to support innovative, basic science research projects that improve our understanding of CF and/or have a significant impact on the concepts, methods, treatments and/or technologies applicable to CF.
   - **Clinical**, the objective: to support clinical research projects that improve the health and/or quality of life of CF patients and/or bridge the gap between research and clinical care. (review Application form for accessing Canadian CF Registry Data at [http://www.cysticfibrosis.ca/our-programs/cf-registry/requesting-canadian-cf-registry-data](http://www.cysticfibrosis.ca/our-programs/cf-registry/requesting-canadian-cf-registry-data))

2) **Early Career Investigator Awards**, the objective: to provide early career investigators an opportunity to develop outstanding CF research programs and build a team, through operating grant support, without having to compete against established investigators. An early career investigator is defined as an independent researcher who has held his/her first full...

**Funding Details:**
- **Basic Science:** The amount of a grant will be approved by the Board of Directors, with recommendations from the scientific review panel and Research Advisory Council, following a detailed review of the applicant's proposed budget. (maximum 3 years, renewable 1-3 years)
- **Clinical:** same as above (maximum 3 years, renewable 1-3 years)
- **Early Career Investigator:** (same as above) (duration: 1 or 2 years)
- **Travel allowance for all the above:** $1,565 per year

Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments (RTI) Program

The objective of the Research Tools and Instruments (RTI) program is to foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment.

**Updates to the 2018 RTI competition:**
- NSERC has eliminated quotas to allow all eligible Canadian university researchers to apply. This eliminates the need for an internal selection process. However, ROADS will establish an internal peer review process to allow McMaster researchers the opportunity to receive valuable feedback on their draft proposals from colleagues who have developed successful RTI application in the past. Draft applications submitted by September 18th will receive peer review.
- Researchers will be able to participate on one application per competition, either as an applicant or a co-applicant, but not both.
- NSERC will make significant changes to the application form; the updated instructions will be available on NSERC’s website in August.

**Funding Details:** RTI grants are one-year awards of up to $150,000
Weston Brain Institute – Canada: Rapid Response 2017 Alzheimer’s and Related Diseases
The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting high-risk, high-reward translational projects, while leveraging world-class business and scientific expertise in a fast and flexible granting process. Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. Diseases such as Alzheimer’s and Parkinson’s are placing a large and increasing burden on society. If ignored, the social and economic costs to manage these diseases will rise significantly within a generation. Meeting this challenge requires pioneering approaches to accelerating treatments. The Canada: Rapid Response program was created to provide seed funding to catalyze novel, high-risk, high-reward, translational research.

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

Additional Details
LOI Deadline: July 5, 2017
Internal HRS Deadline: October 5, 2017
Sponsor Deadline (By invite only): October 19, 2017

Ontario Institute for Regenerative Medicine (OIRM) – 2018-2019 Grant Competitions
OIRM is pleased to announce a call for grant proposals related to the application of stem cell research to regenerative medicine and improved health outcomes. Two competitions are now open:
1) Disease Team Grants will support projects that are developing novel cellular or stem cell-related therapeutic approaches to tissue repair and regeneration for specific diseases.
12-Month Funding Period (March 15, 2018 to March 14, 2019)
to $750,000 CDN
2) New Ideas Grants will support projects at the discovery level in the area of stem cell and regenerative medicine research with a goal to foster cutting-edge research in stem cell biology and/or technology.
12-Month Funding Period (April 1, 2018 to March 31, 2019)
Up to $75,000 CDN

Additional Details
LOI Deadline: June 30, 2017
Internal HRS Deadline: October 13, 2017
Online Funding Inquiry Deadline: October 27, 2017

Canadian Cancer Society Research Institute – Quality of Life Research Grants
The goal of this grant program is to support and accelerate research addressing the creation and application of new knowledge relevant to improving quality of life. The program is particularly interested in research that has the potential for practical applications within the domain of knowledge translation. Applications can be from multidisciplinary teams or individual investigators. Multidisciplinary collaboration is encouraged. Examples of projects that may be appropriate for this grant program include, but are not limited to: qualitative or quantitative studies, case control or cohort studies, clinical studies, health systems, health economics and health services research, methodology development, measurement tools development, efficacy or effectiveness studies of novel interventions. CCS welcomes applications for all cancer types. Given the recent merger between the CCS and CBCF, applications in the area of breast cancer research are encouraged in all CCSRI competitions.

Funding Details: Budgets awarded will not exceed $300,000 over 2 or 3 years per grant

Additional Details
LOI deadline: May 15, 2017
Internal HRS Deadline: October 18, 2017
Sponsor Deadline: November 1, 2017
Physicians’ Services Inc. Foundation Funding Opportunity: Graham Farquharson Knowledge Translation Fellowship 2018

This Fellowship is intended to provide salary support for a new Ontario investigator, who has demonstrated the ability to successfully complete high impact knowledge translation research. The Fellowship’s funds, dedicated to salary support, must protect at least 50% of the Fellow’s time to conduct such research.

**Funding Details:** $150,000 per year for two (2) years OR $100,000 per year for three (3) years.

**Additional Details**

- **LOI Deadline:** September 15, 2017
- **Internal HRS Deadline:** November 1, 2017
- **Sponsor Deadline:** November 6, 2017
- For more information please contact Catherine Gill Potruff x22057

**Burroughs Wellcome Fund – Investigators in the Pathogenesis of Infectious Disease**

The Investigators in the Pathogenesis of Infectious Disease (PATH) is a highly competitive award program that provides $500,000 over a period of five years. The awards are intended to give recipients the freedom and flexibility to pursue new avenues of inquiry, stimulating higher risk research projects that hold potential for significantly advancing understanding of how infectious diseases work and how health is maintained.

**Funding Details:** 5 Year Funding Period (July 1, 2018 to June 30, 2023) $500,000

**Additional Details**

- **LOI Deadline:** July 14, 2017
- **Internal HRS Deadline:** November 1, 2017
- **Sponsor Deadline:** November 15, 2017

**Fulbright Canada: Awards for Canadian Scholars**

Fulbright Canada has announced the following Awards for Canadian Scholars:

1) **Canadian Traditional Scholar Awards**, the objective:
   1) To support Canadian scholars in all disciplines,
   2) To enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities 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. ([http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html](http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html])

2) **Canadian Visiting Research Chairs**: are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Fulbright Visiting Research Chairs may guest lecture in university courses, mentor students, lecture in public venues, network and promote their research while representing the Fulbright program, their home and host institutions. ([http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html](http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html))

Review [Distinguished Visiting Research Fellow Program at SUNY Plattsburgh](http://www.fulbright.ca/programs/canadian-scholars.html) and [Scholar-in-Residence Program](http://www.fulbright.ca/programs/canadian-scholars.html)

**Funding Details:**

- **Canadian Traditional Scholar Awards**: The award is valued at $12,500 USD for 1 semester (4 months) beginning in either September 2018 or January 2019.
- **Canadian Visiting Research Chairs**: The award is valued at $25,000 USD for 1 semester (4 months) beginning

**Internal HRS Deadline:** November 1, 2017
**Sponsor Deadline:** November 15, 2017
Spencer Foundation: Lyle Spencer Research Awards, Advancing Understanding of Education Practice and Its Improvement
The objective of the Lyle Spencer Research Award is to support intellectually ambitious, large-scale education research projects across a variety of disciplines and fields. Spencer intends through this endeavor to press colleagues in the research community to raise their level of intellectual ambition, to encourage work that is more 1) thoughtful, 2) critical of prevailing assumptions, 3) self-critical regarding his/her work and its limitations, 4) relevant to the aim of building knowledge for improved educational practice.

**Funding Details:** Lyle Spencer Research Award budgets are limited to $1,000,000, including indirect costs

**Additional Details**
**LOI deadline:** October 12, 2017
**Sponsor Deadline (By invite only):** February 2018

MITACS Globalink Research Award – Special Opportunity
The Mitacs Globalink Research Award supports international research collaboration. Special research funding is available for graduate students with uncertain status in their current location, to conduct research at a Canadian university. Award overview:
- $5,000 award from Mitacs to support student travel and accommodation expenses, research-related expenses, and student stipend
- 12-24 week project at a Canadian university Supervised by Canadian faculty
- Applications are accepted at any time and will be processed as received.

**Additional Details**
**Sponsor Deadline:** Ongoing

Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call
CIFAR is announcing the launch of a new opportunity to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. We have designed a research workshop program for short-term, time-limited interactions of 10 to 20 people.

**Additional Details**
**Sponsor Deadline:** Ongoing

Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award
This award program is designed to enhance our existing support of autism research by providing timely resources to enable focused experiments highly relevant to our mission. A deeper understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches will require investigation at multiple levels, including but not limited to studies focused on gene discovery, molecular mechanisms, circuits, anatomy, and cognition and behavior. We will consider proposals at all of these levels.

**Funding Details:** SFARI will support applications for maximum of $70,000, including indirect costs, for one year, non-renewable.

**Additional Details**
**Sponsor Deadline:** Ongoing
Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2017

The NFRP encourages applications that specifically address the critical needs of the NF community in one or more of the FY17 Areas of Emphasis. Not all Areas of Emphasis are applicable to each award mechanism offered by the FY17 NFRP. If the proposed research project does not address one of the FY17 Areas of Emphasis, justification that the proposed research project addresses an important problem related to NF research and/or patient care should be provided.

Health services research
- Evidence-based clinical care pathways
- Innovative healthcare delivery systems
- Utilization of technology and informatics

Heterogeneity of neurofibromas and other NF-related tumors

Nontumor manifestations
- Sleep, pain, hypotonia, communication, etc., including quality of life measures, self-reported and otherwise

Novel disease and treatment response markers using genomics, epigenetics, systems biology, metabolomics, or similar approaches
- Transition from benign to malignant

Nutritional, environmental, and other modifiers of NF

Post-adolescent manifestations

Preclinical efficacy studies

Target identification, drug discovery, targeted and immunotherapies

Other

Funding Details: 4 awards available
- Clinical Trial Award – Maximum funding of $900,000 for up to 4 years
- Exploration – Hypothesis Development Award – Maximum funding of $100,000 for up to 2 years
- Investigator-Initiated Research Award – Maximum funding of $575,000 for up to 3 years
- New Investigator Award – Maximum funding of $450,000 for up to 3 years

Additional Details
LOI Deadline: July 26, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: August 2, 2017
Sponsor Deadline: August 9, 2017

Department of Defense Military Burn Research Program Anticipated Funding Opportunities for Fiscal Year 2017

Applications to the FY17 MBRP are being solicited by the U.S. Army Medical Research Acquisition Activity. The managing agent for the anticipated Program Announcements/Funding Opportunities is the Congressionally Directed Medical Research Programs (CDMRP).

FY17 MBRP Program Announcements and General Application Instructions for the following award mechanisms are posted on Grants.gov.

To be considered for funding, each application for the FY17 MBRP Clinical Trial Award must address the following Topic Area: Clinical studies that involve the prevention, treatment, and mitigation of debilitating burn scars (e.g., dressing topics, biologics, cell-based therapies, mechanical, photonics, etc.) to improve functional outcomes and/or assess clinical efficacy and safety of different treatment modalities.

Funding Details: $1.75M Maximum total costs (direct and indirect) for up to 4 years

Additional Details
LOI Deadline: August 3, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 5, 2017
Sponsor Deadline: October 19, 2017
Department of Defense Spinal Cord Injury (SCI) Research Program Funding Opportunities for the Fiscal Year 2017

Five awards are available. Please refer to additional details link for more information from the DoD website.

Funding Details:
- **Clinical Research Development Award** – Maximum funding of $100,000 for up to 1 year
- **Clinical Trial Award** – Maximum funding of $2,000,000 for up to 4 years
- **Investigator-Initiated Research Award** – Maximum funding of $500,000 for up to 3 years
- **Qualitative Research Award** – Maximum funding of $500,000 for up to 3 years
- **Translational Research Award** – Maximum funding of $1,500,000 for up to 3 years

Additional Details

**LOI Deadline:** August 8, 2017 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** November 15, 2017
**Sponsor Deadline:** November 29, 2017

Department of Defense Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2017

The PRP seeks to focus applications and direct funding by providing Focus Areas to address the critical needs in Parkinson’s disease research. Applications to the FY17 PRP must address at least one of the Focus Areas noted below:

- Mechanisms of neuroplasticity in the Parkinson’s disease brain
- Studies to identify gene-environment interactions in Parkinson’s disease cohorts
- Pathophysiological implications of tau protein in Parkinson’s disease

Funding Details: $321,000 Maximum allowable total costs (direct and indirect) for up to 2 years

Additional Details

**LOI Deadline:** August 17, 2017 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** August 24, 2017
**Sponsor Deadline:** August 31, 2017

Department of Defense Alcohol and Substance Abuse Disorders Research Program (ASADRP) Funding Opportunities for Fiscal Year 2017 – Consortium Award

The ASADRP is seeking applications to explore integrated approaches to address alcohol and substance use disorder (ASUD) especially related to traumatic brain injury (TBI) and post-traumatic stress disorder (PTSD) through multidisciplinary, team-based research efforts that translate basic knowledge into enhanced clinical pharmacological treatments protocols.

- The program’s approach is to organize multidisciplinary, team-based translational research efforts to:
  - Identify promising compounds;
  - Conduct proof-of-principle basic research to determine which compounds are most appropriate for human research trials;
  - Conduct human proof-of-concept trials with promising compounds. This approach should accelerate the translation of contemporary basic science knowledge into enhanced clinical pharmacological treatment protocols for ASUD, including a regulatory strategy for U.S. Food and Drug Administration (FDA) compliance.

Funding Details: $10.596M Maximum allowable total costs (direct and indirect)

Additional Details

**LOI Deadline:** September 13, 2017 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 20, 2017
**Sponsor Deadline:** September 27, 2017