2 CRC Tier 2 Positions available in the Faculty of Health Sciences

Date of online posting: November 28th, 2018

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 has a vision to achieve creativity, innovation and excellence in teaching, research and service by engaging a diverse and highly talented educational community and embodying the values of integrity, respect and collaboration.

Position Description:
The Faculty of Health Sciences invites applications for an open competition for two Tier 2 CRCs in all fields of study within the faculty. Nominees for Tier 2 Chair positions should, at a minimum, be assistant or associate professors, or possess the necessary qualifications to be appointed to these levels and must hold a full-time faculty appointment at McMaster University within the Faculty of Health Sciences. Individuals who have a firm offer of employment in one of these categories to the University that takes effect by July 1, 2019, are also eligible.

Tier 2 Chairs, tenable for five years and renewable once, are for exceptional emerging researchers, acknowledged by their peers as having the potential to lead in their field. Tier 2 nominees must:

- be excellent emerging world-class researchers who have demonstrated particular research creativity;
- have demonstrated the potential to achieve international recognition in their fields in the next five to ten years;
- as chairholders, have the potential to attract, develop and retain excellent trainees, students and future researchers; and
- be proposing an original, innovative research program of high quality.

Candidates who are more than 10 years from having earned their highest degree and who have had career breaks, such as maternity, parental, or extended sick leave, clinical training, etc., may have their eligibility for a Tier 2 Chair assessed through the program’s Tier 2 justification process. Please contact Tracy Arabski at arabski@mcmaster.ca for more information. Full program information, including further details on eligibility criteria, can be found at the Canada Research Chairs website at http://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx. All nominations for CRCs are subject to review and final approval by the CRC Secretariat.

Commitment to Inclusive Excellence: Equity, Diversity and Inclusion Statement:
The diversity of our community and our workforce is integral to and at the core of our innovation and creativity and strengthens our research, teaching and service excellence, as well as our broader learning environment. To achieve this vision for inclusive excellence, McMaster is committed to principles of equity and inclusion. McMaster invites applications from all qualified candidates and particularly welcomes applications from self-identified Indigenous (First Nations, Métis and Inuit) peoples, members of racialized communities (“visible minorities”), persons with disabilities, women and LGBTQ+ persons of marginalized sexual orientation and gender identities.

All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

How to apply:
The application and review process requires interested applicants to complete the “Application to be nominated for a Canada Research Chair” which reflects all criteria and indicators of success and include a most recent CV. The deadline for
Submission for this competition is January 11, 2019. The Dean will have final approval of all recommendations regarding CRC allocations. A CRC review panel will review applications and successful applicants will be invited to complete a full application to CRC. Applicants will be notified by January 25th, 2019, of their success and the successful applicant will be asked to submit their CRC application based on the time of the expiry of the CRC as outlined below.

<table>
<thead>
<tr>
<th>Tier 2 CRC</th>
<th>Date of Internal Application to be nominated for a Tier 2 Canada Research Chair</th>
<th>Anticipated Date of Approval FHS Committee</th>
<th>Date of Application to CRC</th>
<th>Anticipated Date of Decision from CRC</th>
<th>Commencement of New Position</th>
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<tbody>
<tr>
<td>Two Tier 2 CRCs</td>
<td>January 11th, 2019</td>
<td>January 25th, 2019</td>
<td>April 22nd, 2019</td>
<td>October 2019</td>
<td>October 1st, 2019</td>
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Please see the posting for more details

**Tri-Agency Fund - New Frontiers in Research Fund (NFRF)**

**Value and duration:**
The maximum budget for the direct costs of the research project is $100,000 per year for up to two years, plus 25% indirect costs, for a maximum total requested amount of $125,000 per year.

**Eligibility:**
- For this competition, early career researchers are defined as individuals who have five years or less experience since their first academic appointment as of the NOI deadline (Jan 11/19).
- Individuals can participate in only one application as a nominated principal investigator, co-principal investigator, or co-applicant in this competition.

Projects must be high-risk and high-reward and may involve any disciplines, thematic areas, approaches or subject areas eligible for funding across the tri-agencies. Projects must be interdisciplinary, including at least two different disciplines (as defined by a group-level classification based on the Canadian Research and Development Classification).

**NOI deadline** is January 11, 2019 8 pm EST

Application INTERNAL review deadline is January 24, 2019 by 12 noon – submit an HRS Checklist to hsresadm@mcmaster.ca

**FULL Application deadline is February 7, 2019 by 8 pm EST.**

The NOI is now available to populate on the Convergence Portal. The convergence portal is a new platform and is only supported on Google Chrome, Microsoft Edge, Apple Safari, and Mozilla Foxfire browsers; click here to create.

<table>
<thead>
<tr>
<th>Upcoming Webinars</th>
<th>Date</th>
<th>Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tri-Agency New Frontiers (English)</td>
<td>Wednesday, December 19, 2018, 11:00-13:00 ET</td>
<td><a href="https://nsercofcanada.adobeconnect.com/_a1139318731/nfrf_exploration_webinar/">https://nsercofcanada.adobeconnect.com/_a1139318731/nfrf_exploration_webinar/</a></td>
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<tr>
<td>Tri-Agency New Frontiers (English)</td>
<td>Thursday, December 20, 2018, 14:00-16:00 ET</td>
<td><a href="https://nsercofcanada.adobeconnect.com/_a1139318731/nfrf_exploration_webinar/">https://nsercofcanada.adobeconnect.com/_a1139318731/nfrf_exploration_webinar/</a></td>
</tr>
<tr>
<td>Tri-Agency New Frontiers (French)</td>
<td>Wednesday, December 19, 2018, 14:00-16:00</td>
<td><a href="https://nsercofcanada.adobeconnect.com/_a1139318731/webinaire_fnfr_exploration/">https://nsercofcanada.adobeconnect.com/_a1139318731/webinaire_fnfr_exploration/</a></td>
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<tr>
<td>Tri-Agency New Frontiers (French)</td>
<td>Thursday, December 20, 2018, 11:00-13:00</td>
<td><a href="https://nsercofcanada.adobeconnect.com/_a1139318731/webinaire_fnfr_exploration/">https://nsercofcanada.adobeconnect.com/_a1139318731/webinaire_fnfr_exploration/</a></td>
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Alton Ochsner Award Relating Smoking and Disease

The Alton Ochsner Award recognizes outstanding scientific achievements that have provided pivotal insights into the fundamental biological and clinical mechanisms that relate tobacco consumption with disease. This scientific work may be clinical, fundamental, epidemiological, or prevention in scope. The prime criterion for award is its scientific context and impact on this major health threat. All nominations, whatever the category of scientific inquiry, must be supported by letters and copies of peer-reviewed scientific publications as detailed below.

One to three investigators will receive an award of $15,000.

Nominations should be made by a letter describing in detail, but concisely, the scientific work and major contributions of the investigator to the field. Self-nominations are excluded. The nomination packet must also include and be supported by:

1. Nominee’s CV (including active mailing address, office and cell telephone numbers, e-mail address, and bibliography);
2. At least 2 additional supporting letters from scientific peers from outside the candidate’s institution;
3. Reprints of at least 3 pertinent major scientific contributions.

Submissions should be made as PDF attachment(s) sent electronically to the Ochsner Clinic at AOSRA@ochsner.org. Any nominees not receiving the award will automatically be considered for an additional two years. Unsuccessful candidates must wait two years before being re-nominated, after those three years of consideration.

Deadline: March 31, 2019

For more information please contact Danelle D’Alvise at dalvise@mcmaster.ca.

McMaster University Annual Research Ethics Workshop 2019

The HiREB and MREB would once again like to invite you to register the date for this year’s annual research ethics workshop! This workshop is designed to introduce emerging researchers from all faculties and disciplines, especially graduate students, to ethics issues surrounding research involving human participants.

The Eventbrite page is now live. You can register for AREW 2019 by visiting https://macarew2019.eventbrite.ca. Registration is free, and a complimentary light breakfast will be served.

Workshop documents will be made available at least one week before the workshop on McMaster’s MacDrive, and can be accessed by visiting http://macdrive.mcmaster.ca/d/a8a286b417944b2d8ed4/

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

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

Social Sciences and Humanities Research Council (SSHRC) Development Grant – 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:
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<tr>
<th>Webinar</th>
<th>Date</th>
<th>Adobe Connect Link</th>
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<tbody>
<tr>
<td>Development Grants (English)</td>
<td>Tuesday, December 18, 2018, 13:30-15:00 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/r62h2pw567of/">https://sshrc-crsh.adobeconnect.com/r62h2pw567of/</a></td>
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<tr>
<td>Development Grants (French)</td>
<td>Tuesday, December 18, 2018, 10:00-11:30 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/rqdq45f46z5u/">https://sshrc-crsh.adobeconnect.com/rqdq45f46z5u/</a></td>
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(Advance Registration is not required)

**Health Research Grant Competitions**

*Programs administered by Health Research Services, unless otherwise indicated. Email: hsresadm@mcmaster.ca*

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<th>Funding Opportunity (CIHR)</th>
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<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
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<tr>
<td><em>NEW</em> CIHR – Travel Awards – Joint meeting of the Organization for the Study of Sex Differences and the International Society of Gender Medicine 2019</td>
<td>Jan 2</td>
<td>Jan 14</td>
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<tr>
<td>CIHR – Team Grant: Transitions in Care</td>
<td>Jan 10</td>
<td>Jan 24</td>
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<tr>
<td>CIHR – Travel Awards – Institute Community Support (Winter 2019)</td>
<td>Jan 10</td>
<td>Jan 24</td>
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<tr>
<td>CIHR – Undergraduate: Summer Studentship Award (2019)</td>
<td>Jan 10</td>
<td>Jan 24</td>
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<tr>
<td>CIHR – The Kidney Foundation of Canada KRESCENT Program: Post-Doctoral Fellowship</td>
<td>Jan 18</td>
<td>Feb 1</td>
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<tr>
<td>CIHR – The Kidney Foundation of Canada KRESCENT Program: New Investigator Award</td>
<td>Jan 18</td>
<td>Feb 1</td>
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<tr>
<td>CIHR – Operating Grant: Transitions in Care</td>
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<td>Feb 5</td>
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<tr>
<td>CIHR – IHSPR Rising Star Award</td>
<td>Feb 7</td>
<td>Feb 21</td>
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<tr>
<td>CIHR – IHSPR Article of the Year Award 2019</td>
<td>Feb 7</td>
<td>Feb 21</td>
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<tr>
<td><em>NEW</em> CIHR – Joint Canada-Israel Health Research Program</td>
<td>Jan 29</td>
<td>Feb 12</td>
<td>Feb 26</td>
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<tr>
<td>CIHR – Spring 2019 Project Grant</td>
<td>E-Approval</td>
<td>Feb 6</td>
<td>Feb 26 March 6</td>
</tr>
<tr>
<td>CIHR – Team Grant: Sepsis Research Network</td>
<td>Jan 17</td>
<td>Sept 12</td>
<td>Sept 26</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><em>FEATURED</em> Tri-Agency New Frontiers in Research Fund (NFRF)</td>
<td>Jan 11</td>
<td>Jan 24</td>
<td>Feb 7</td>
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<tr>
<td>Michael DeGroote Pain Fellowships</td>
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<tr>
<td>Michael DeGroote Graduate Studentships</td>
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<tr>
<td>Michael DeGroote Seed Grants</td>
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<tr>
<td>MIRA/IPRC Catalyst Grant for Research on Pain &amp; Aging</td>
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<tr>
<td>Canadian Blood Services: Blood Efficiency Accelerator Award Program</td>
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<td>Jan 2</td>
<td>Jan 15</td>
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<tr>
<td>Canadian Cancer Society (CCS): Innovation Grants</td>
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<td>Jan 2</td>
<td>Jan 15</td>
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<tr>
<td>Canadian Cancer Society (CCS): Innovation to Impact Grants</td>
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<td>Jan 15</td>
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<tr>
<td>Fund/Program</td>
<td>Deadline Dates</td>
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<tr>
<td><strong>Canadian Cancer Society (CCS): Travel Awards</strong></td>
<td>Jan 2 Jan 15</td>
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<tr>
<td><strong>NEW</strong> OSSU Centre on Aging: Request For Proposals (RFP)</td>
<td>Jan 3 Jan 17</td>
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<td><strong>MITACS Industrial Postdoc</strong></td>
<td>Jan 4 Jan 18 MILO</td>
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<td><strong>Age-Well Core Research Program 2020-2025</strong></td>
<td>Jan 8 Jan 22</td>
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<tr>
<td><strong>MaRS Discovery District: The Opioid Data Challenge</strong></td>
<td>Jan 9 Jan 23</td>
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<tr>
<td><strong>Crohn’s and Colitis Canada: Innovations in IBD Research</strong></td>
<td>Jan 4 Jan 18</td>
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<tr>
<td><strong>Canadian Hemophilia Society (CHS): Nordisk Canada Psychosocial Research Program</strong></td>
<td>Jan 16 TBD TBD</td>
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<tr>
<td><strong>NEW</strong> OSSU Engaging Multi-stakeholders for Patient Oriented research Wider Effects &amp; Reach (EMPOWER) Awards</td>
<td>Jan 17 Jan 31</td>
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<tr>
<td><strong>Spina Bifida &amp; Hydrocephalus Association of Canada: Research Grant</strong></td>
<td>Jan 17 Jan 31</td>
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<tr>
<td><strong>Burroughs Wellcome Fund: Collaborative Research Travel Grants</strong></td>
<td>Jan 18 Feb 1</td>
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<tr>
<td><strong>Leukemia Research Foundation, Hollis Brownstein Research Grants Program: New Investigator Grants</strong></td>
<td>Jan 18 Feb 1</td>
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<tr>
<td><strong>The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training (KRESCENT) Program: New Investigator Award</strong></td>
<td>Jan 18 Feb 1</td>
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<tr>
<td><strong>The Lung Association – Ontario and Ontario Respiratory Care Society (ORCS): Research Grant</strong></td>
<td>Jan 18 Feb 1</td>
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<tr>
<td><strong>Social Sciences and Humanities Research Council (SSHRC): Insight Development Grant</strong></td>
<td>ASAP to ROADS Feb 4 to ROADS</td>
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<tr>
<td><strong>Parkinson Canada: Pilot Project Grant</strong></td>
<td>Jan 21 Feb 4</td>
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<tr>
<td><strong>Parkinson Canada: New Investigator Award</strong></td>
<td>Jan 21 Feb 4</td>
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<tr>
<td><strong>Parkinson Canada: Basic Research Fellowship</strong></td>
<td>Jan 21 Feb 4</td>
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<tr>
<td><strong>Parkinson Canada: Clinical Movement Disorders Fellowship</strong></td>
<td>Jan 21 Feb 4</td>
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<tr>
<td><strong>Parkinson Canada: Clinical Research Fellowship</strong></td>
<td>Jan 21 Feb 4</td>
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<td><strong>Parkinson Canada: Graduate Student Award</strong></td>
<td>Jan 21 Feb 4</td>
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<tr>
<td><strong>NEW</strong> endMS SPRINT (Scholar Program for Researchers IN Training)</td>
<td>Jan 22 Feb 5</td>
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<tr>
<td><strong>Canadian Institute for Advanced Research (CIFAR): CIFAR Azrieli Global Scholars</strong></td>
<td>Jan 22 Feb 5</td>
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<tr>
<td><strong>Burroughs Wellcome Fund: Innovation in Regulatory Science</strong></td>
<td>Jan 23 Feb 6</td>
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<tr>
<td><strong>Canadian Hemophilia Society (CHS)/Bayer: ADVANCE Canada Research Program</strong></td>
<td>Jan 25 Feb 8</td>
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<tr>
<td><strong>Orthopaedic Trauma Association (OTA): Member Full Research Grant</strong></td>
<td>Jan 28 Feb 11</td>
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<tr>
<td><strong>Orthopaedic Trauma Association (OTA)/AOTNA: Joint Member Full Research Grant</strong></td>
<td>Jan 28 Feb 11</td>
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<tr>
<td><strong>Grand Challenges Canada: OPTions Innovation Initiative</strong></td>
<td>Jan 29 Feb 12</td>
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<tr>
<td><strong>National Multiple Sclerosis Options Innovation Initiative</strong></td>
<td>Feb 6 Jan 30 Feb 13</td>
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<tr>
<td><strong>NEW</strong> The Klarman Family Foundation: Eating Disorders Research Grants Program**</td>
<td>Jan 31 Feb 14</td>
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<tr>
<td>Funding Opportunity (DoD)</td>
<td>LOI Deadline</td>
<td>Internal HRS Deadline</td>
<td>Sponsor Deadline</td>
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<tr>
<td>Department of Defense (DoD) Amyotrophic Lateral Sclerosis Research Program (ALSRP): Therapeutic Development Award</td>
<td>March 22</td>
<td>July 11</td>
<td>July 25</td>
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<tr>
<td>Department of Defense (DoD) Amyotrophic Lateral Sclerosis Research Program (ALSRP): Therapeutic Idea Award</td>
<td>March 22</td>
<td>July 11</td>
<td>July 25</td>
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**CIHR – Travel Awards – Joint meeting of the Organization for the Study of Sex Differences and the International Society of Gender Medicine 2019**

The Organization for the Study of Sex Differences (OSSD) is an international society composed of basic and clinical scientists of diverse backgrounds who aim to advance science from a sex and gender perspective.

The International Society of Gender Medicine (IGM) encourages and facilitates interdisciplinary research on sex and gender in basic and clinical frameworks. The IGM aims to establish and develop gender medicine in an international context by promoting sex- and gender-specific research in basic sciences, clinical medicine and public health.

IGH will provide travel awards for graduate and postdoctoral trainees to attend the second joint meeting of the OSSD and the IGM from May 5-8, 2019 in Washington DC, USA.

**Funding Details:** Up to $4000.

**Additional Details**

**Internal HRS Deadline:** January 10, 2019

**Sponsor Deadline:** January 24, 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

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**CIHR – Travel Awards – Institute Community Support (Winter 2019)**

Through the Institute Community Support (ICS) Program, the CIHR Institutes and Initiatives are launching the ICS Travel Awards competition for students, postdoctoral fellows, new investigators and knowledge users to present their own research at national and international meetings and/or conferences.

This ICS Travel Awards competition will not support travel for research skills development or update, exchange programs or lectureships.

**Funding Details:** The maximum value of the ICS Travel Awards varies by institute/initiative, but must be of a minimum value of $500.

**Additional Details**

**Internal HRS Deadline:** January 10, 2019  
**Sponsor Deadline:** January 24, 2019

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**CIHR – Undergraduate: Summer Studentship Award (2019)**

The purpose of this funding opportunity is to provide undergraduate students and health professional students with the opportunity to undertake health research projects with established investigators in an environment that provides strong mentorship.

The CIHR Institute of Musculoskeletal Health and Arthritis (CIHR-IMHA) will provide funding for meritorious applications that are determined to be relevant to one or more areas of its mandate. CIHR-IMHA’s mandate is to support ethical and impactful research to enhance active living, mobility and oral health, and to address the wide range of conditions related to bones, joints, muscles, connective tissue, skin and teeth. More information on CIHR-IMHA’s research priorities can be found on the IMHA Strategic research priorities web page.

**Funding Details:** The maximum stipend amount per award is $1,250 per month for up to 4 months, for a total of $5,000 per award. The research supervisor(s) must secure an additional 25% minimum above the stipend contribution (i.e., $1,250 or more) from other sources, such as university funds, CIHR and/or NSERC grants, or any other research funds.

**Additional Details**

**Internal HRS Deadline:** January 10, 2019  
**Sponsor Deadline:** January 24, 2019

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**CIHR – The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training (KRESCENT) Program: Post-Doctoral Fellowship**

A KRESCENT program Post-Doctoral Fellowship is an “in-training” award intended for applicants with a PhD, MD or equivalent degree. The objective is to attract and foster young investigators to initiate and/or continue training in kidney research.

An awardee may not be in receipt of another major personnel award at the same time as holding the Post-Doctoral Fellowship from the KRESCENT program. However, the KRESCENT program will consider approving supplemental funding if a minor stipend has been provided from a local or provincial funding agency.

**Funding Details:** The duration of the Post-Doctoral Fellowship will be either 2 or 3 years. Award funding is allocated as follows:
• Trainee stipend: $65,000 per annum for Medical Doctors or $55,000 for PhD trained applicants.
• Applicants are required to secure 50% of the award from their respective host institution and 50% will be contributed by the KRESCENT Program.

Additional Details

Internal HRS Deadline: January 18, 2019
Sponsor Deadline: February 1, 2019

CIHR – The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training (KRESCENT) Program: New Investigator Award

The objective of the New Investigator Award is to:
• fund individuals who have clearly demonstrated excellence during their pre-doctoral and post-doctoral training in kidney disease,
• provide salary support of the faculty appointment at the rank of Assistant Professor, or its equivalent, and
• assist individuals to become established, fully independent investigators in the field of kidney disease.

The application must be initiated by the university, or the institution at which the candidate will conduct the proposed research. The awardee must show proof of application for a grant-in-aid (or research grant) in support of the proposed research plan, at the time of this award. Such grants must be administered by peer review granting agencies, approved by the KRESCENT Program.

Funding Details: Annual stipend $70,000 (MD or equivalent degree), or $65,000 (Ph.D. without a MD or equivalent degree), without benefits, for a maximum 3 years. It is expected that 50% of the award will be contributed by the KRESCENT Program and 50% by the host institution. The KRESCENT program also offers to match up to a maximum $25,000 of Infrastructure Support (i.e., laboratory start-up costs and support staff).

Additional Details

Internal HRS Deadline: January 18, 2019
Sponsor Deadline: February 1, 2019

CIHR – Operating Grant: Transitions in Care

This funding opportunity is part of the TiC Initiative. This competition will support the rigorous evaluation of implemented activities such as interventions, tools, practices, policies, technologies, programs and/or other solutions that address transitions in care challenges. The focus of the Evaluation Grants is to support researchers and knowledge users to formally evaluate, validate and/or demonstrate the effectiveness, appropriateness and/or impact of implemented transitions in care activities to create high-quality, real-world evidence, relevant to transitions in care, overall health and/or health system improvement. Research activities can be nationally, provincially or municipally managed and may include, but are not limited to, comparative policy analysis, cost-effectiveness analysis, and guideline and program evaluation.

Research Areas
This funding opportunity will support applications centered on the intersection of two or more TiC Focus Areas.

TiC Focus Areas

1. **Across life’s trajectories:** Transitioning through life’s trajectories (e.g., infant to child, child to youth, youth to adult or adult to older adult and beyond) necessitates changes in the source and nature of the services provided that are challenging to navigate, create anxiety and/or expose patients to known care gaps that could lead to poor, yet avoidable, outcomes.

2. **Changing health status or care:** Individuals facing changes in their health status or living with chronic or complex health conditions may visit their primary care physician, be referred to specialists, be assessed in an emergency department, be admitted to hospital, require surgery, move to a rehabilitation facility, and/or become disabled and not be capable of returning to their previous place of residence. These individuals experience exchange among health providers, care settings, institutions, and/or hospital units (e.g., urban vs rural; hospital vs home; tertiary care vs community care).

3. **Key populations to optimize transition outcomes:** Populations at increased risk of adverse transition outcomes include: First Nations, Inuit and Métis Peoples; individuals from rural and remote communities, individuals who identify as transgender; individuals with an intersex condition, older adults, new aging populations (i.e. survivors of diseases/conditions that previously led to early death); new immigrants to Canada and those who experience systemic, cultural and/or language barriers.
Within the scope of this funding opportunity, in addition to being centered on the intersection of two or more TiC Focus Areas, the Rossy Foundation is partnering with CIHR to support a research funding pool relevant to On-Campus Post-Secondary Mental Health Services*. This research funding pool will support research in the following target area:

- Identifying post-secondary students at risk of mental health problems and transitioning students-in-need into and through on-campus mental health services and/or to community-based care creates challenges for students, families, campuses and communities that may lead to serious but avoidable gaps in care and poor mental health outcomes for students.

* On-Campus Post-Secondary Mental Health Services are defined as any program, process, framework or educational tool used to provide and monitor on-campus mental health treatment and provide mental health support to the greater student population. Note - Illustrative examples of projects intersecting two or more TiC Focus Areas and examples of projects relevant to the On-Campus Post-Secondary Mental Health Services pool can be found in the Additional Information Section.

In keeping with the CIHR Sex, Gender and Health Research policy, all proposals are required to consider how sex and/or gender might shape the evaluation of transitions in care activities. Applicants are encouraged to complete the CIHR unconscious bias learning module and visit the Sex, Gender and Health Research page for more information on the appropriate integration of sex and gender in their proposal. Additionally, applicants are required to develop a knowledge translation and dissemination plan that informs health system decision-makers as well as the general public in public-facing outreach.

Funding Details:
- The maximum amount per grant is $100,000 per year for up to two (2) years for a total of $200,000 per grant.
- Of this $3,200,000:
- $400,000 is available to fund approximately two (2) grants specifically relevant to On-Campus Post-Secondary Mental Health Services

Additional Details

Internal HRS Deadline: January 18, 2019
Sponsor Deadline: February 1, 2019

CIHR – IHSPR Rising Star Award

The CIHR Institute of Health Services and Policy Research (IHSPR) is dedicated to supporting graduate students and post-doctoral Fellows and to recognizing the research excellence and knowledge translation initiatives of these emerging health services and policy researchers at an early stage in their career.

This award is intended to:
- Recognize the excellence of Canadian research and innovative knowledge translation (KT) initiatives of graduate students (e.g. M.D., M.A., M.Sc. and Ph.D.) and post-doctoral fellows studying health services and policy research;
- Recognize research and/or KT contributions for which a graduate student or post-doctoral fellow has had primary responsibility; and
- Promote careers in health services and policy research.

Funding Details: The total amount available for this funding opportunity is $7,500, enough to fund three (3) awards. The maximum amount per award is up to $2,500, consisting of:
- A $1,000 award (preferably used to present research at a scientific meeting or to attend a health services and policy research training program)
- Up to a maximum of $1,500 in travel support to attend the annual Canadian Association of Health Services and Policy Research (CAHSPR) conference (see Additional Information)

The award recipients will also receive:
- Publication of their profile on the IHSPR website and in an IHSPR newsletter
- A certificate of excellence from CIHR-IHSPR

Additional Details

Internal HRS Deadline: February 7, 2019
Sponsor Deadline: February 21, 2019

CIHR – IHSPR Article of the Year Award 2019

This award is intended to recognize published research that has significantly contributed to the advancement of the field of health services and policy research in Canada. IHSPR will consider articles related to:
- Research that demonstrates a clear impact or potential impact on policy or practice (e.g., decision maker uptake, change management for improved practice);
- Or
Research that breaks ground in the way health services or policy research is conducted (e.g., innovations in methodology, novel theory or application of theory, new approaches to existing problems).

Funding Details: The total amount available for this funding opportunity is $12,000, enough to fund one (1) award, consisting of:

- An award of $10,000
- Up to a maximum of $2,000 in conference registration and travel support (to receive the award and/or deliver an invited talk at a CIHR-IHSPR or partner event – see Additional Information)

Additional Details
Internal HRS Deadline: February 7, 2019
Sponsor Deadline: February 21, 2019

CIHR – Joint Canada-Israel Health Research Program
The Joint Canada-Israel Health Research Program (the Program) seeks to support fundamental research at the cutting-edge of biomedical science. This fifth call for proposals is directed toward basic biomedical sciences in new frontiers in metabolism in health and disease, while building capacity and furthering the knowledge base in low- and middle-income countries.

The Program will support world-class research teams co-led by Canadian and Israeli investigators. The teams will be expected to integrate researchers from low- and middle-income countries (see Appendix A for list of eligible countries) to further their scientific capacity. In their capacity as collaborators or trainees, researchers in eligible countries will contribute to and benefit from their involvement in the Initiative.

Teams are encouraged to integrate sex and gender perspectives into their research, including where relevant Sex- and Gender-Based Analysis (SGBA). SGBA is an approach that systematically examines sex-based (biological) and gender-based (socio-cultural) differences, to promote rigorous science that is sensitive to sex and gender, and has the potential to expand our understanding of health determinants for all people.

Research Areas
The fifth call of this program supports biomedical sciences with special emphasis on new frontiers in metabolism in health and disease. Potential topics may include, but are not limited to the following:

- Cellular and molecular basis of metabolic diseases
- Pathophysiology of metabolic response associated with infectious diseases
- Prevention of metabolic diseases
- Microbiome and metabolism
- Inflammation and metabolism
- Circadian rhythms and metabolism
- Prevention and metabolism
- Lipid, amino acid, and sugar metabolism
- Hormonal regulation of metabolism
- Epigenetics and metabolism
- Aging and metabolism
- Exercise metabolism
- Novel biomarker technologies for metabolites
- Models for metabolic research

Funding Details: The maximum amount per project that can be requested by the Canadian applicant from IDRC is up to CAD $670,000 over 3 years.

Additional Details
LOI/Registration Deadline: January 29, 2019
Internal HRS Deadline: February 12, 2019
Sponsor Deadline: February 26, 2019

CIHR – Spring 2019 Project Grant
The Project Grant program is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes by supporting 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;
• Promote relevant collaborations across disciplines, professions, and sectors;
• Contribute to the creation and use of health-related knowledge.

**Funding Details:** The total amount available for CIHR’s 2018-19 Investigator-Initiated Research Programs competitions (Foundation Grant, and Fall 2018 and Spring 2019 Project Grants) is approximately $655M. The allocation of this investment between the Foundation and Project Grant programs is under review.

**Additional Details and to Register**

**LOI/Registration Deadline:** February 6, 2019 8PM  E-Approval on RNet

**Internal HRS Deadline:** February 26, 2019 - 12PM

**Sponsor Deadline:** March 6, 2019 - 12PM

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**CIHR – Team Grant: Sepsis Research Network**

Sepsis is a global health priority with an estimated 30 million cases each year resulting in more than 8 million deaths globally. In Canada, sepsis accounts for approximately 11,000 deaths annually with the greatest impact seen in neonates and older adults (85+ age group). The economic burden of treating sepsis in Canada is estimated to be $325 million annually.

Sepsis is an exuberant or exaggerated inflammatory response that develops when the immune response to infection turns out of control (cytokine storms) to such level that it becomes a generalized state involving multiple organs and tissues, including normal tissues remote from the site of injury or infection and produces irreversible physiologic alterations within the host. The etiology of sepsis is unclear and much has to be discovered to better understand this type of immunological response.

Sepsis is not an isolated clinical issue since social, economic and political structures play impactful roles in patient outcomes as indicated by a recent World Health Organization resolution. Actions to shift the paradigm for improved outcomes and experience in patients with sepsis requires a multidisciplinary, multi-pillar, collaborative approach. As such, to further understand the causes and improve the prevention, detection and management of sepsis in Canada requires coordination of efforts across many sectors including government, policy, health care providers, researchers, clinicians and industry.

The goal of the Sepsis Research Network Initiative (the Network) is to fund a single nationally coordinated research network to further understand the causes and improve the prevention, detection and management of sepsis. The Network will bring together experts from different disciplines working collaboratively on a number of inter-related research projects under an integrated and unified program of research.

• **Funding Details:** Developmental grants of up to $25,000 per grant may be offered, if requested, to successful applications at the Letter of Intent (LOI) stage. The total amount available at the LOI stage is $100,000, enough to fund a maximum of four (4) grants.

• At the Full Application stage, the total amount available is $5,700,000 (not including Additional Partner Funding – see below) enough to fund one (1) Network grant. The maximum amount per year is $1,140,000 for a maximum of five (5) years.

• The Network grant is non-renewable. Applicants are encouraged to develop (and revise as needed) a sustainability plan to address continued Network activities beyond the time frame of the grant.

• **Additional Partner Funding:** If requested and found relevant, this funding might bring the total Network grant over the $5,700,000 maximum identified at the Full Application stage above.

  ➢ Mitacs funding is available through two programs:

    ▪ Each internship unit under Mitacs Accelerate is valued at $15,000, which is cost-shared by Mitacs and the partner (for-profit and not-for-profit organizations within Canada).

    ▪ Each Elevate post-doctoral fellowship is for two (2) years and is valued at $120,000, which is cost-shared by Mitacs and the partner (for-profit and not-for-profit organizations within Canada).

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**Additional Details**

**LOI Deadline:**

**Internal HRS Deadline:** December 3, 2018

**Sponsor Deadline:** December 17, 2018

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**Michael DeGroot 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
**Sponsor Deadline: January 2, 2018**
Applications must be sent via email to the Scientific Director, Michael G. DeGroote Institute for Pain Research and Care at npc@mcmaster.ca

**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
**Sponsor Deadline: January 2, 2018**
Applications must be sent via email to the Scientific Director, Michael G. DeGroote Institute for Pain Research and Care at npc@mcmaster.ca

**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
**Sponsor Deadline: January 2, 2018**
Applications must be sent via email to the Scientific Director, Michael G. DeGroote Institute for Pain Research and Care at npc@mcmaster.ca

**MIRA/IPRC Catalyst Grant for Research on Pain & Aging**
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.

*A matching contribution of at least $10,000 (at least $5,000 cash, up to $5,000 may be in-kind) is required.*

Additional Details
**Sponsor Deadline: January 2, 2018**
Questions about this funding opportunity should be submitted to mirainfo@mcmaster.ca

**National Multiple Sclerosis Society: Pilot Research Grants**
The Society funds high-risk pilot grants to quickly test novel ideas. Funding is provided for one year to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding. We welcome applications for studies related to multiple sclerosis that may serve to advance our mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

Researchers who have completed their post-doctoral training, and who are considered eligible by their institutions to apply for a research grant, are invited to apply. Individuals who are currently postdoctoral fellows or the equivalent, or who are graduate/medical students or residents, are not eligible for support under this program. Applicants are not eligible to apply if they have an existing National MS Society pilot research award that expires later than the application deadline.

**Funding Details**: Maximum of $50,000 for 1 year.

Additional Details
**LOI Deadline: January 7, 2019**
**Internal HRS Deadline: December 21, 2018**
**Sponsor Deadline: January 9, 2019**
**Canadian Blood Services: Blood Efficiency Accelerator Award Program**

The objective of the Blood Efficiency Accelerator Award Program is to improve the efficient and appropriate utilization of blood products, while maintaining the safety of the blood system.

Blood product is defined as a therapeutic product derived from the donation of blood or blood components and includes red blood cell and platelet concentrates, plasma and plasma derivatives (including plasma protein products), and hematopoietic stem cells (including those derived from cord blood).

The Program will support innovative research projects that seek new knowledge or accelerate the application of existing knowledge.

**Funding Details:** A maximum of $30,000 for 1 year.

**Additional Details**

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

**Sponsor Deadline:** January 15, 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**
**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.

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**OSSU Centre on Aging: Request For Proposals (RFP)**

Aging is recognized as being associated with increased health and/or disability challenges as well as increased mental health issues brought on by stress, loneliness, isolation, and loss of loved ones and support. As the populations ages, health care systems and supports must be improved to allow accessible and effective care for older adults to ensure that they live well and continue to make important contributions to society.

OSSU is inviting proposals from qualified academic institutions to identify a research centre focused on supporting patient-oriented research into issues of aging and health in Ontario. This new centre will join with OSSU and its 13 Ontario-based research centres to advancing patient-oriented approaches to health and health systems research and to enhance the uptake of evidence to support better sustainable health care for Ontario.

**Funding Details:** OSSU will allocate up to $300,000 for the period April 1, 2019 to March 31, 2020. Applicants are encouraged to include non-federal agency partner cash and in-kind contributions to expand the impact of the proposed centre.

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**MITACS Industrial Postdoc**

The Mitacs Accelerate industrial postdoc provides 1, 2 or 3 years of funding for a postdoctoral fellow in any discipline. This special initiative offers better leveraging than standard Mitacs Accelerate internships.

Postdoctoral fellows partner with a company or not-for-profit organization and build a longer-term research collaboration.

**Funding Details:** Partner Contribution $25,000 per year, Total research funding $55,000 per year. Minimum postdoc stipend/salary $50,000 per year, Maximum funds for research costs $5,000 per year.
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: January 8, 2018
Sponsor Deadline: January 22, 2019

MaRS Discovery District: The Opioid Data Challenge
MaRS seeks to engage innovative Canadians, people and organizations of all backgrounds and skills, to propose and test new data sets, sources and methodologies to 1) better measure opioid overdoses and harms in our communities, 2) bolster existing information, and 3) enable quantification of suspected opioid overdoses that fall into any or all of the following categories:

Category 1: Suspected non-fatal opioid overdoses where community supports were utilized (i.e., emergency or medical services were not involved).
Category 2: Suspected non-fatal opioid overdoses where emergency or medical services were involved.
Category 3: Suspected fatal opioid overdoses.

The challenge is divided into two phases:

Phase 1 –Propose and Develop: Participants will identify and propose data sources and methodologies to measure opioid overdoses occurring in a Canadian community of their choice. In addition to providing the total number of non-fatal and/or fatal overdoses, innovators will provide data on specific factors of an overdose (e.g., location and date).

Phase 2 –Extension: Finalists will apply the data sources and/or methodology used in the previous phase, to a different community in Canada, to demonstrate wide-range applicability. A set of selection criteria will be provided to help guide innovators when choosing their second community.

Funding Details:

Phase 1: A maximum five $10,000 will be given to each challenge finalist for use in the continued development of their concept during Phase 2.

Phase 2: A maximum two $50,000 will be given to each challenge winner. The winners will also have the opportunity to scale and integrate their concepts into existing public health surveillance systems.

Additional Details
Internal HRS Deadline: January 8, 2018
Sponsor Deadline: January 22, 2019

Crohn’s and Colitis Canada: Innovations in IBD Research
Crohn’s and Colitis Canada invites applications for an Innovations Grant, to fund novel or innovative approaches to IBD research. This grant is intended to stimulate and support research which may not be encompassed within the boundaries of traditional medical research. Research proposals must conform to sound principles of research and may aim to collect pilot data for follow-on application(s). Our organization seeks mission relevance and excellence as well as innovation.
**Funding Details**: A maximum of $50,000 for 1 year.

**Additional Details**

Internal HRS Deadline: January 4, 2019
Sponsor Deadline: January 18, 2019

**Canadian Hemophilia Society (CHS): Nordisk Canada Psychosocial Research Program**

CHS/Novo Nordisk Canada Psychosocial Research Program, the objective: to engage hemophilia program professionals/graduate students from the allied health disciplines (i.e., Nursing, Physiotherapy and Social Work) in research activities that:

- Understand the psychosocial impact of hemophilia and other inherited bleeding disorders, and
- Improve 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 centers is accepted and encouraged. Inter-regional applications will be considered.

**Funding Details**: Value: One or two $20,000 research grants to a maximum $40,000 for 1 year.

**Additional Details**

LOI Deadline: January 16, 2019
Internal HRS Deadline: TBD
Sponsor Deadline: TBD

**OSSU Engaging Multi-stakeholders for Patient Oriented research Wider Effects & Reach (EMPOWER) Awards**

Ontario is home to a wealth of high-quality patient-oriented research, with research teams meaningfully partnering with patients, families, caregivers and communities to deliver rigor, relevance and results from their patient-oriented research projects. For these patient-oriented research findings to enter the evidence chain for changing health policy, practice and health outcomes, there is often a need to support end-of-grant knowledge translation activities to build the relationships and push the results to those who can use them to effect real impact and change for Ontario.

OSSU is inviting proposals from qualified research teams who can demonstrate the patient-oriented research they have undertaken with patient partners in the last 2 years that would benefit from an injection of end of grant funding to empower the research to impacts in the province.

**Funding Details**: Up to $25,000 for the period April 1, 2019 to September 30, 2019.

**Additional Details**

Internal HRS Deadline: January 17, 2019
Sponsor Deadline: January 31, 2019

**Spina Bifida & Hydrocephalus Association of Canada: Research Grant**

The Spina Bifida & Hydrocephalus Association of Canada (SBHAC) would like to invite medical professionals and researchers to apply for a Research Grant based on a project that address the medical issues and treatment of those affected by spina bifida and/or hydrocephalus.

**Funding Details**: $10,000 - $25,000 for a maximum of 3 years.

**Burroughs Wellcome Fund: Collaborative Research Travel Grants**

The objective of the Collaborative Research Travel Grant program is to provide 1) relatively unrestricted travel funds to academic scientists at U.S. or Canadian degree-granting institutions, 2) domestic or international travel to labs to learn new research techniques, and 3) collaboration to address biomedical questions.

Applicants with a doctoral degree in the physical, mathematical, or engineering sciences working on a biological problem are encouraged to apply.

**Funding Details**: A maximum of $15,000
**Internal HRS Deadline:** January 18, 2019  
**Sponsor Deadline:** February 1, 2019

**Leukemia Research Foundation, Hollis Brownstein Research Grants Program: New Investigator Grants**  
The objective of the New Investigator Grant is to support individuals (within seven years of their first independent position) who are 1) beginning to establish their own laboratories, and 2) no longer under the tutelage of a senior scientist mentor.  
The grant allows innovative scientists to act on their ideas and try new procedures and experiments that will hopefully lead to significant breakthroughs.  
https://www.allbloodcancers.org/Application-Information  
**Funding Details:** A maximum of $100,000 for 1 year.

**Additional Details**  
**Internal HRS Deadline:** January 18, 2019  
**Sponsor Deadline:** February 1, 2019

**The Lung Association – Ontario and Ontario Respiratory Care Society (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.  
**Funding Details:** Applicants must submit a budget. Awards are given for 12 calendar months from July 1, 2019 to June 30, 2020. review Budget Guidelines and Financial Considerations, pages 5–6 here.

**Additional Details**  
**Internal HRS Deadline:** January 18, 2019  
**Sponsor Deadline:** February 1, 2019

**Social Sciences and Humanities Research Council (SSHRC): Insight Development Grant**  
Research and training in the social sciences and humanities provide the foundation for a vibrant, healthy and prosperous society. They advance knowledge and build understanding about individuals, groups and societies—what we think, how we live, and how we interact with each other and the world around us. Such research enhances our knowledge and understanding of the past and present, and informs our thinking about critical social, cultural, economic, technological and environmental issues, both within the research community and across the public, private and not-for-profit sectors.  
The Insight program aims to support and foster excellence in social sciences and humanities research intended to deepen, widen and increase our collective understanding of individuals and societies, as well as to inform the search for solutions to societal challenges.  
The objectives of the Insight program are to:  
- build knowledge and understanding from disciplinary, interdisciplinary and/or cross-sector perspectives through support for the best researchers;  
- support new approaches to research on complex and important topics, including those that transcend the capacity of any one scholar, institution or discipline;  
- provide a high-quality research training experience for students;  
- fund research expertise that relates to societal challenges and opportunities; and  
- mobilize research knowledge, to and from academic and non-academic audiences, with the potential to lead to intellectual, cultural, social and economic influence, benefit and impact.  
An individual may not, in a calendar year, submit, as applicant (principal investigator/project director), an application for both an Insight Development Grant and an Insight Grant, regardless of the outcome of the application. Applicants (or project directors, where applicable) who have received a SSHRC grant of any type but have failed to submit an end of grant report by the deadline specified in their Notice of Award are not eligible to apply for another SSHRC grant until they have submitted the report. Proposals
may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding. Please see Subject Matter Eligibility for more information.

**Funding Details:** $7,000 to $75,000 over one to two years.

**Additional Details**
- **Notify ROADS of Intent to Apply:** ASAP
- **Draft Application Due to ROADS:** January 7, 2019
- **Final Application Due to ROADS:** January 24, 2019
- **Sponsor Deadline:** February 4, 2019
- *To Apply, Contact Pamela, Assistant Director, Development, ROADS at mcintyp@mcmaster.ca or extension 23713*

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**Parkinson Canada: Pilot Project Grant**

The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society.

Pilot Project Program grants intend to foster novel, high-potential projects and ideas with a trajectory for major grants with larger granting institutions.

**Funding Details:** One-year duration, maximum funding of $50,000.

**Additional Details**
- **Internal HRS Deadline:** January 21, 2019
- **Sponsor Deadline:** February 4, 2019

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**Parkinson Canada: New Investigator Award**

The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society.

For junior faculty in a Canadian university in first 5 years of their career as a research scientist in Canada.

**Funding Details:** Two-year duration, $45,000 per year.

**Additional Details**
- **Internal HRS Deadline:** January 21, 2019
- **Sponsor Deadline:** February 4, 2019

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**Parkinson Canada: Basic Research Fellowship**

The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society.

Candidates must hold a doctoral degree (MD or PhD) and may be Canadian citizens who propose to train at an Approved Institution located inside or outside of Canada, or international applicants proposing to train at an Approved Institution located in Canada.

**Funding Details:** Two-year duration, $40,000 – $50,000 per year.

**Additional Details**
- **Internal HRS Deadline:** January 21, 2019
- **Sponsor Deadline:** February 4, 2019

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**Parkinson Canada: Clinical Movement Disorders Fellowship**

The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society.

Recipient will undertake clinical training in the subspecialty of Movement Disorders and gain expertise in diagnosis and treatment of Parkinson's and may include other movement disorders.

**Funding Details:** One-year duration, $50,000.
Additional Details
Internal HRS Deadline: January 21, 2019
Sponsor Deadline: February 4, 2019

**Parkinson Canada: Clinical Research Fellowship**
The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society.

Recipient training will combine direct experience in the diagnoses and treatment of Parkinson's and in clinical research.

**Funding Details:** Two-year duration, $50,000 per year.

Additional Details
Internal HRS Deadline: January 21, 2019
Sponsor Deadline: February 4, 2019

**Parkinson Canada: Graduate Student Award**
The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society.

Candidates must be enrolled in a full-time graduate study program at the PhD level. Candidates may be Canadian citizens who propose to train at an Approved Institution located inside Canada or international applicants proposing to train at an Approved Institution located in Canada, who fulfill the criteria for a student visa.

**Funding Details:** Two-year duration, $10,000 per year.

Additional Details
Internal HRS Deadline: January 21, 2019
Sponsor Deadline: February 4, 2019

**endMS SPRINT (Scholar Program for Researchers IN Training)**
A unique training program that enhances knowledge and skills in MS research, establishes valuable connections among peers, offers mentored interdisciplinary learning opportunities, as well as increases opportunities to conduct MS research in Canada.

**Funding Details:**
Trainees enrolled in endMS SPRINT will:
1. Participate in the next two consecutive endMS Summer Schools.
2. Receive travel awards to attend: a. the next two endMS Summer Schools b. two small team mentored meetings
3. Participate in an interdisciplinary learning project.
4. Be assigned a SPRINT mentor and participate in team mentored learning.

Time commitment required: 2 weeks (endMS Summer Schools) plus approx. 8 hours per month (over the period between the two Summer Schools) Approximate monetary value of SPRINT per trainee including the stipend: $10,000.

For the time devoted to SPRINT, trainees will receive a stipend of $2,500. Half of the stipend will be paid in September 2019 and the remainder upon the successful completion of the program following the 2020 endMS Summer School.

Additional Details
Internal HRS Deadline: January 22, 2019
Sponsor Deadline: February 5, 2019

**Canadian Institute for Advanced Research (CIFAR): CIFAR Azrieli Global Scholars**
The CIFAR Azrieli Global Scholars program provides funding and support to help Scholars build their network and develop essential skills to become the next generation of research leaders. Researchers within the first five years of a full-time academic position from anywhere in the world are eligible to apply.

CIFAR invites exceptional early career researchers to participate in CIFAR’s network of nearly 400 researchers from over 16 countries, who together are pursuing answers to some of the most complex challenges facing the world today. The CIFAR Azrieli Global Scholars
The program provides funding, skills training, mentorship, and opportunities to collaborate with outstanding colleagues from diverse disciplines, positioning scholars as research leaders and agents of change.

Applicants can be from anywhere in the world, must hold a PhD (or equivalent) and be within the first five years of a full-time academic position. Scholars’ research interests must be aligned with the themes of an eligible CIFAR research program.

**Funding Details:** A maximum of $100,000 for a maximum of 2 years.

**Additional Details**
Internal HRS Deadline: **January 22, 2019**
Sponsor Deadline: **February 5, 2019**

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**Burroughs Wellcome Fund: Innovation in Regulatory Science**

The objective of the Innovation in Regulatory Science is to support academic researchers developing new methodologies, or innovative approaches in regulatory science, that will ultimately inform the new regulatory decisions the FDA and others will make. This opportunity would necessarily draw upon the talents of individuals trained in mathematics, computer science, applied physics, medicine, engineering, toxicology, epidemiology, biostatistics, and systems pharmacology.

**Funding Details:** A maximum of $500,000 over 5 years.

**Additional Details**
Internal HRS Deadline: **January 23, 2019**
Sponsor Deadline: **February 6, 2019**

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**Canadian Hemophilia Society (CHS)/Bayer: ADVANCE Canada Research Program**

CHS – Bayer – ADVANCE Canada Research Program, the objective: To engage Canadian hemophilia treaters in activities to identify and research key issues in the ageing hemophilia population. Collaboration with multidisciplinary care providers and/or between two or more hemophilia centres is accepted and encouraged. Collaboration efforts are welcome as co-applicants and may include, for example, nursing, social work, physical therapy and genetics. Inter-regional applications will be considered.

**Funding Details:** One or two $30,000 research grants to a maximum $60,000 for 1 year.

**Additional Details**
Internal HRS Deadline: **January 25, 2019**
Sponsor Deadline: **February 8, 2019**

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**Orthopaedic Trauma Association (OTA): Member Full Research Grant**

OTA Member, Full Grant Pre-proposal, the objective: to support any research issue related to musculoskeletal trauma (excluding product development).

**Funding Details:**
- Clinical Research, value: $40,000 per year, maximum 2 years
- Basic Research, value: $25,000 per year, maximum 2 years
- Directed Topic Research, value: $40,000 per year, maximum 2 years, in the following clinical topics:
  - Indications, utilization, and safety of local antibiotic delivery in orthopaedic trauma care
  - Systemic and healing responses to musculoskeletal trauma in the elderly
  - Tissue (bone, muscle, tendon, ligament, cartilage) regeneration and repair after musculoskeletal trauma

**Additional Details**
Internal HRS Deadline: **January 28, 2019**
Sponsor Deadline: **February 11, 2019**

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**Orthopaedic Trauma Association (OTA)/AOTNA: Joint Member Full Research Grant**

OTA/AOTNA Joint Research Grant, the objective: to support clinical patient-centered outcomes, clinical or basic science musculoskeletal infection.

**Funding Details:** $50,000 per year for a maximum of 2 years.

**Additional Details**
Internal HRS Deadline: **January 28, 2019**
**Grand Challenges Canada: OPTions Innovation Initiative**

The OPTions Initiative seeks innovative and transformative ideas that have potential to improve access to safe abortion in low- and middle-income countries where there are one or more legal grounds to support it. These ideas could originate from innovators worldwide and across a wide range of disciplines. We are seeking innovations that:

- Increase access to existing abortion products and services for women and girls who have chosen to terminate their pregnancy.
- Develop and test new methods of pregnancy termination that are an improvement over existing methods.

**Funding Details:** Seed grants a maximum of $250,000 for 18-24 months.

**Additional Details**

**Internal HRS Deadline:** January 29, 2019
**Sponsor Deadline:** February 12, 2019

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**National Multiple Sclerosis Society: Research Grants**

We welcome applications for studies related to multiple sclerosis that may serve to advance our mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

**Funding Details:** Applicants submit a budget per year.

**Additional Details**

**LOI Deadline:** February 6, 2019
**Internal HRS Deadline:** January 30, 2019
**Sponsor Deadline:** February 13, 2019

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**The Klarman Family Foundation: Eating Disorders Research Grants Program**

What we are looking for:

- Proposals that directly investigate the underlying biology of anorexia nervosa, and the questions of how and why it develops and persists
- We encourage human and animal studies that are directly relevant to the disease, and also large-scale studies addressing its genetic basis, building on results from a large, recently completed, Genome-Wide Association Study of ~ 17,000 cases including nearly 13,000 cases from the Anorexia Nervosa Genetics Initiative (ANGI), an initiative of The Klarman Family Foundation

**Scientific scope:** Research projects that investigate the underlying biology of anorexia nervosa.

**Who is eligible:**

- Researchers who hold a faculty appointment at a nonprofit academic, medical or research institution in the United States, Canada or Israel
- Researchers with a strong track record in another field who can bring a new approach to anorexia nervosa research are also encouraged to apply

**Research topics NOT within the scientific scope of this program:**

- Obesity
- Normal feeding behavior and/or negative energy balance
- Behavioral therapy
- Medical complications of eating disorders
- Clinical trials
- Sickness-induced anorexia or other types of anorexia distinct from the psychiatric disease anorexia nervosa

**Funding Details:** Up to $750,000 over 1 - 3 years.

**Additional Details**

**Internal HRS Deadline:** January 31, 2019
**Sponsor Deadline:** February 14, 2019
MITACS Elevate
Build your career through this competitive annual fellowship for up to two years. Elevate includes a research management training program and a postdoctoral fellowship.

- Manage a long-term collaborative research project with a company or not-for-profit
- Develop business-ready skills in leadership, financial literacy, management and negotiation, project management, problem solving and much more

Funding Details: Your partner organization’s financial contribution starts at $30,000.

Aralez Pharmaceuticals Canada Inc & CAAIF Research Grant in Allergic Rhinitis or Urticaria
Grant applications will be reviewed by an independent panel of reviewers including scientists and clinical experts in the field of allergic rhinitis or urticaria, as well as patient representatives.

In line with the grant’s objective, eligible applications will be ranked based on:

- Specific impact and relevance of project to the understanding of the causes, mechanisms and management of allergic rhinitis or urticaria
- Scientific appraisal of the proposed methodology
- Demonstrated ability of applicant/collaborators to achieve proposed study objectives
- Potential contribution to improving Canada’s overall capacity in the field of allergic rhinitis or urticaria
- The ability of the proposal to be completed within a one-year term

Funding Details: 1 grant of $50,000.

ERS Short-Term Research Fellowship 2019
Short-Term Research Fellowships are established to enable young scientists and clinicians in the early-stages of their research career in respiratory medicine to visit a Host Unit in a country other than the candidate’s own, with the aim of learning a research technique not available in the Home Unit. The research training should benefit the Home Unit when the applicant returns there, by leading to research developments and activities back onsite.

Funding Details: Subsistence monthly rate - €2,900. Child allowance (monthly rate per child) - €380. See additional details for more information.
ERS Clinical Training Fellowship 2019
ERS Clinical Training Fellowships enable members in the early stages of their careers in respiratory medicine to visit a host institution in a European country other than their own to learn a skill or procedure not available at their home institution. This medical training should benefit the home institution when the successful applicant returns there.

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: March 18, 2019
Sponsor Deadline: April 1, 2019

HHS – Research Strategic Initiatives
The Research Strategic Initiatives RFA Program is a competitive call to fund new research areas of high strategic priority to support emerging areas/teams with high potential for research success. This strategy will expand the existing base of research at Hamilton Health Sciences with the goal that a few new areas of research will achieve national or international stature within the next 5 to 10 years.

The 2018 Research Strategic Initiatives – Request for Applicants Competition is focused on a theme-based call in the area of digital health that harnesses the potential of artificial intelligence through machine learning models to advance delivery of health care that improves patient care outcomes and builds strategic partnerships using a hospital-to-home approach through innovative virtualization of care.

Funding Details: The total amount of funds available for this competition is $900,000 allocated over 3 years. The maximum funding available to individual applicants is up to $100,000 per year for 3 years (total of $300K). As a result, up to three separate applications, recommended by a peer-review committee, will likely be funded for the period FY2019-2021.

Additional Details
LOI Deadline: January 1, 2019
Internal HRS Deadline: March 18, 2019
Sponsor Deadline: April 1, 2019

Weston Brain Institute Rapid Response
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 Rapid Response: Canada program was created to provide seed funding to catalyze novel, high-risk, high-reward, translational research.

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

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

Additional Details
LOI Deadline: February 21, 2019
Internal HRS Deadline: June 6, 2019
Sponsor Deadline: June 20, 2019

Weston Brain Institute Transformational Research
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 Transformational Research Program was created to provide significant support for larger, longer projects.

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.
  - Clinical trials and clinical trial sub-studies should be submitted to the Early-Phase Clinical Trials or Rapid Response programs; however other translational research using humans or human samples/data is in scope.
- Be the development of a therapeutic and/or tool and/or complementary approaches

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

Additional Details
LOI Deadline: February 21, 2019
Internal HRS Deadline: June 6, 2019
Sponsor Deadline: June 20, 2019

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.

Additional Details
Sponsor Deadline: Applications are being accepted on a rolling basis, until 2 positions at a time are filled.

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

Additional Details
Sponsor Deadline: Applications are being accepted on a rolling basis

McMaster University, McMaster Institute for Research on Aging (MIRA), 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.

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.

Funding Details: MIRA can support access fees of $3,000 for a maximum 10 applications.

Sponsor Deadline: Ongoing
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.

Additional Details
Sponsor Deadline: Ongoing

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.

Additional Details
Sponsor Deadline: Ongoing

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

Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

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.

Additional Details
Sponsor Deadline: Ongoing
**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.

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**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

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**Department of Defense (DoD) Amyotrophic Lateral Sclerosis Research Program (ALSRP): Therapeutic Development Award**

The Therapeutic Development Award supports research ranging from validation of therapeutic leads through U.S. Food and Drug Administration (FDA) Investigational New Drug (IND)-enabling studies. The proposed studies are expected to be empirical in nature and product-driven. Applicants with limited ALS experience are strongly encouraged to collaborate with those having substantial expertise in ALS research and/or ALS model systems. Examples of activities that will be supported by this award include:

- Confirmation of candidate therapeutics obtained from screening or by other means, including optimization of potency and pharmacological properties and testing of derivatives and sister compounds
- Validation of early pilot studies, including the use of multiple ALS model systems and/or replicating preliminary data with more time points or additional doses
- Studies on formulation and stability leading to Good Manufacturing Practice (GMP) production methods
- IND-enabling studies, to include compound characterization, absorption, distribution, metabolism, and excretion (ADME) studies, and dose/response and toxicology studies in relevant model systems

**Funding Details:**

- The anticipated direct costs budgeted for the entire period of performance will not exceed $1,250,000. If indirect cost rates have been negotiated, indirect costs are to be budgeted in accordance with the organization’s negotiated rate. No budget will be approved by the Government exceeding $1,250,000 direct costs or using an indirect cost rate exceeding the organization’s negotiated rate.
- A Therapeutic Development Award application including Therapeutically Relevant Marker Option that does not meet the criteria specified for that option may be funded at the lower maximum direct costs of $1,000,000, i.e., at the level of the standard Therapeutic Development Award as described above.

All direct and indirect costs of any subaward or contract must be included in the total direct costs of the primary award. The applicant may request the entire maximum funding amount for a project that may have a period of performance less than the maximum 2 years.

**Additional Details**

**LOI Deadline:** March 22, 2019 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** July 11, 2019

**Sponsor Deadline:** July 25, 2019
**Department of Defense (DoD) Amyotrophic Lateral Sclerosis Research Program (ALS RP): Therapeutic Idea Award**

The Therapeutic Idea Award is designed to promote new ideas aimed at drug or treatment discovery that are still in the early stages of development. Projects that focus primarily on investigating the pathophysiology of ALS are not within the scope of this Funding Opportunity. Development and/or modification of preclinical model systems or the application of high-through-put screens to define or assess lead compounds for ALS treatment are of interest. Development of methods to adequately measure target binding and proximal downstream effects (target engagement) and the potential for undesirable activities at related but unintended targets (selectivity) are also encouraged. While the inclusion of preliminary data is not prohibited, the strength of the application should not rely on preliminary data, but on the innovative approach. All proposed research projects should include a well-formulated, testable hypothesis based on strong scientific rationale that holds translational potential to improve ALS treatment and/or advance a novel treatment modality.

Innovation and impact are important aspects of the Therapeutic Idea Award. Research deemed innovative may introduce a new paradigm, challenge current paradigms, introduce novel concepts or technologies, or exhibit other uniquely creative qualities that may lead to potential therapeutics for ALS. Impact may be near-term or long-term, but must be significant and move beyond an incremental advancement.

**Funding Details:** The maximum period of performance is 2 years. The anticipated direct costs budgeted for the entire period of performance will not exceed $500,000. If indirect cost rates have been negotiated, indirect costs are to be budgeted in accordance with the organization’s negotiated rate. No budget will be approved by the Government exceeding $500,000 direct costs or using an indirect cost rate exceeding the organization’s negotiated rate.

**Additional Details**

**LOI Deadline:** March 22, 2019 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** July 11, 2019

**Sponsor Deadline:** July 25, 2019