News & Events

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

The McMaster University, FHS, is pleased to request applications for funding to replace aging equipment (e.g., hoods, centrifuges, freezers) with new equipment to upgrade lab facilities. The goal of this opportunity is to support acquisition of equipment that would be difficult to fund through conventional grants, and do not meet the mandate for a Canada Foundation for Innovation, John R. Evans Leaders Fund. ([https://www.innovation.ca/awards/john-r-evans-leaders-fund](https://www.innovation.ca/awards/john-r-evans-leaders-fund))

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

**Value:** $10,000 - $30,000

Requests outside the range will also be considered.

**Application process:** The McMaster University, FHS, request for infrastructure form deadline is November 23, 2018. Contact rleone@mcmaster.ca

Contact: Tracy Arabski, Director, McMaster University, Health Research Services at arabski@mcmaster.ca or extension 22515.

**The Canadian Institutes of Health Research (CIHR) Institute of Infection and Immunity: Meet-the-Community Event**

An opportunity to engage with members of the Institute of Infection and Immunity Advisory Board and hear presentations from local researchers.

**Who:**
- Dr. Mathew Miller, McMaster University
- Wangari Tharao, Women’s Health in Women’s Hands Community Health Centre, Toronto
- Dr. Saara Greene, McMaster University
- Apondi J. Odhiambo, University of Toronto
- Dr. Eric Brown, McMaster University
- Dr. Gerry Wright, McMaster University

**When:** Wednesday, November 14, 2018 at 2:30 – 5:00 pm speaker presentations & 5:00 – 6:00 pm reception and networking.

**Where:** Farncombe Atrium, HSC 3N (Blue Section) McMaster University, 1280 Main Street West, Hamilton ON.


**Tri-Agency Fund**

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

Here is a summary of the information contained in that CCRC document:
Available funds:
The 2018 federal budget included $275M over five years beginning in FY 2018-19 and $65M per year thereafter to support international, interdisciplinary, fast-breaking, high-risk research.

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

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

Eligibility:
To be eligible for either funding stream, projects will have to be interdisciplinary and high-risk, and international collaboration will be strongly encouraged. Funding in both streams will be open to all research areas.

Evaluation criteria:
The proposed peer review process will embrace and reward high-risk research. Proposal adjudication will include criteria such as:

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

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

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

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
<table>
<thead>
<tr>
<th>Funding Opportunity (CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR – Master’s Award: Frederick Banting and Charles Best Canada Graduate Scholarships</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research</td>
<td>Nov 27</td>
<td>Dec 11</td>
<td></td>
</tr>
<tr>
<td>CIHR – Team Grant: SPOR iCT Rewarding Success – Phase 3</td>
<td>Dec 20</td>
<td>Jan 10 2019</td>
<td></td>
</tr>
<tr>
<td>CIHR – Team Grant: Transitions in Care</td>
<td>Jan 10 2019</td>
<td>Jan 24 2019</td>
<td></td>
</tr>
<tr>
<td>CIHR – IHSPR Rising Star Award</td>
<td>Feb 7 2019</td>
<td>Feb 21 2019</td>
<td></td>
</tr>
<tr>
<td>CIHR – IHSPR Article of the Year Award 2019</td>
<td>Feb 7 2019</td>
<td>Feb 21 2019</td>
<td></td>
</tr>
<tr>
<td>CIHR – Team Grant: Canadian Microbiome Initiative 2: Research Teams</td>
<td>Nov 20</td>
<td>Sep 10 2019</td>
<td>Sep 24 2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funding Opportunity (Non-CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burroughs Wellcome Fund: Preterm Birth Initiative</td>
<td>Nov 20</td>
<td>Dec 4</td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> Bill &amp; Melinda Gates Foundation: Grand Challenges Round 22: Application of Metagenomic Next Generation Sequencing to Detect and Identify Pathogens</td>
<td>Nov 21</td>
<td>Dec 5</td>
<td>MILO</td>
</tr>
<tr>
<td>MITACS JSPS Summer Program</td>
<td>Nov 21</td>
<td>Dec 5</td>
<td></td>
</tr>
<tr>
<td>Alex’s Lemonade Stand Foundation: Young Investigator Grants</td>
<td>Dec 3</td>
<td>Dec 17</td>
<td></td>
</tr>
<tr>
<td>Alex’s Lemonade Stand Foundation: Epidemiology Grants</td>
<td>Dec 3</td>
<td>Dec 17</td>
<td></td>
</tr>
<tr>
<td>National Multiple Sclerosis Society: Therapeutic Development Opportunities for Neuroprotection and Neuroregeneration in MS</td>
<td>Dec 5</td>
<td>Dec 5</td>
<td>Dec 19</td>
</tr>
<tr>
<td>Michael DeGroote Pain Fellowships</td>
<td>Dec 13</td>
<td>Jan 2 2019</td>
<td></td>
</tr>
<tr>
<td>Michael DeGroote Graduate Studentships</td>
<td>Dec 13</td>
<td>Jan 2 2019</td>
<td></td>
</tr>
<tr>
<td>Michael DeGroote Seed Grants</td>
<td>Dec 13</td>
<td>Jan 2 2019</td>
<td></td>
</tr>
<tr>
<td>MIRA/IPRC Catalyst Grant for Research on Pain &amp; Aging</td>
<td>Dec 13</td>
<td>Jan 2 2019</td>
<td></td>
</tr>
<tr>
<td>Age-Well Core Research Program 2020-2025</td>
<td>Dec 14</td>
<td>Jan 4 2019</td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> National Multiple Sclerosis Society: Pilot Research Grants</td>
<td>Jan 7 2019</td>
<td>Dec 17</td>
<td>Jan 9 2019</td>
</tr>
<tr>
<td><em>NEW</em> Hamilton Community Foundation: Community Health, Education &amp; Research Fund</td>
<td>Dec 18</td>
<td>Jan 12 2019</td>
<td></td>
</tr>
<tr>
<td>ERS Long-Term Research Fellowship 2019</td>
<td>Dec 19</td>
<td>Jan 14 2019</td>
<td></td>
</tr>
<tr>
<td>Canadian Cancer Society (CCS): Travel Awards</td>
<td>Jan 2 2019</td>
<td>Jan 15 2019</td>
<td></td>
</tr>
<tr>
<td>Prostate Cancer Canada and the Movember Foundation: Discovery Grants</td>
<td>Nov 30</td>
<td>Jan 3 2019</td>
<td>Jan 17 2019</td>
</tr>
<tr>
<td><em>NEW</em> MITACS Industrial Postdoc</td>
<td>Jan 4 2019</td>
<td>Jan 18 2019</td>
<td></td>
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<td>---------------------------------------------------------------------</td>
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<tr>
<td>Crohn’s and Colitis Canada: Grants-in-Aid of Research</td>
<td>Nov 23</td>
<td>Jan 4 2019</td>
<td></td>
</tr>
<tr>
<td>Crohn’s and Colitis Canada: Innovations in IBD Research</td>
<td></td>
<td>Jan 4 2019</td>
<td></td>
</tr>
<tr>
<td>Ontario Brain Institute: Growing Expertise in Evaluation and Knowledge Translation (GEEK)</td>
<td></td>
<td>Jan 11 2019</td>
<td></td>
</tr>
<tr>
<td>The Lung Association – Ontario and Ontario Respiratory Care Society (ORCS): Research Grant</td>
<td>Jan 18 2019</td>
<td>Feb 1 2019</td>
<td></td>
</tr>
<tr>
<td>Social Sciences and Humanities Research Council (SSHRC): Connection Grants</td>
<td>Dec 14 to ROADS</td>
<td>Jan 25 2019 to ROADS</td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> National Multiple Sclerosis Society: Research Grants</td>
<td>Feb 6 2019</td>
<td>Jan 30 2019</td>
<td></td>
</tr>
<tr>
<td>Cancer Research Society: Operating Grants</td>
<td>Dec 4</td>
<td>Jan 30 2019</td>
<td></td>
</tr>
<tr>
<td>Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1</td>
<td>Dec 7 to ROADS</td>
<td>Feb 5 2019 to ROADS</td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> MITACS Elevate</td>
<td>Jan 23 2019</td>
<td>Feb 6 2019</td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute Rapid Response</td>
<td>Dec 3</td>
<td>TBD</td>
<td></td>
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<tr>
<td>Weston Brain Institute Transformational Research</td>
<td>Dec 3</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute Postdoctoral Scholars at Oxford</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute International Fellowships: Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Canadian Longitudinal Study on Aging (CLSA): Call for Proposals</td>
<td>Ongoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities</td>
<td>Ongoing</td>
<td></td>
<td></td>
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<tr>
<td>MITACS Globalink Research Award</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
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<tr>
<td>MITACS Accelerate Fellowship</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity II (VIP II) Program</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MITACS Accelerate Program</td>
<td>Ongoing MILO</td>
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**CIHR – Master’s Award: Frederick Banting and Charles Best Canada Graduate Scholarships**

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

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

**Additional Details**

Contact [Correen Smith](#) in Graduate Studies to Apply

**Sponsor Deadline:** [December 3, 2018](#)
**CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research**

The Centres for HIV/AIDS, Hepatitis C and other STBBIs Research are expected to improve health and access to effective programs and services for people living with and at risk of HIV, Hepatitis C and other STBBIs, particularly for populations most affected. The specific objectives of the Centres are to:

- foster coordination of research efforts by developing and supporting a network of collaborative Centres;
- develop and/or strengthen high quality infrastructure for implementation science, health services and population health research to enable Canadian HIV, Hepatitis C and other STBBI researchers to conduct innovative, high quality, collaborative research;
- facilitate implementation science, health services and population health research training and mentoring initiatives to strengthen the capacity of trainees; and
- accelerate the translation and uptake of knowledge and implementation of evidence to inform practices, policies and programs through models of integrated knowledge translation and innovative strategies that engage stakeholders and partners (including people living with HIV, community organizations, clinicians, policy makers and relevant networks).

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

**Additional Details**

**Internal HRS Deadline:** November 27, 2018  
**Sponsor Deadline:** December 11, 2018

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**CIHR – Team Grant: SPOR ICT Rewarding Success – Phase 3**

The Strategy for Patient-Oriented Research (SPOR) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focuses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. All recipients of funding through SPOR are required to adhere to the following principles:

- Patients need to be involved in all aspects of the research to ensure questions and results are relevant;
- Decision-makers and clinicians need to be involved throughout the entire research process to ensure integration into policy and practice;
- Funding under SPOR is based on a 1:1 matching formula;
- Effective patient-oriented research requires a multi-disciplinary approach; and
- SPOR is outcome driven and incorporates performance measurement and evaluation as integral components of the initiative.

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

**Additional Details**

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

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**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 – 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

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**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

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**CIHR – Team Grant: Canadian Microbiome Initiative 2: Research Teams**

The objectives of the Canadian Microbiome Initiative 2 Research Teams funding opportunity are to:

- Create knowledge through translational research on the causational links between microbiome and human health and disease, with consideration of sex as a biological variable and gender as a social determinant of health.
- Encourage interdisciplinary collaborations and foster Canadian expertise in microbiome and human health and disease to build synergies and facilitate the sharing of data and resources.
• Build upon and further the platforms and services provided by the CMI2 Research Core to build synergies, facilitate the sharing of data and resources and facilitate knowledge translation

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

**Additional Details**

**LOI Deadline:** November 20, 2018
**Internal HRS Deadline:** September 10, 2019
**Sponsor Deadline:** September 24, 2019

**Burroughs Wellcome Fund: Preterm Birth Initiative**

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

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

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

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

**Bill & Melinda Gates Foundation: Grand Challenges Round 22: Application of Metagenomic Next Generation Sequencing to Detect and Identify Pathogens**

The Gates Foundation has partnered with the Chan Zuckerberg Biohub and the Chan Zuckerberg Initiative to enable patients in low-and middle-resource settings to benefit from cutting-edge, pathogen detection and discovery. The partnership will provide highly specialized training in biosample preparation and sequencing, to technical staff, from awardee global health centers.

The BMGF-CZ-Biohub partnership aims to provide selected applicants the benefits of onsite next generation sequencing, and rapid pathogen detection, to better understand their local pathogen landscape.

The call, Application of Metagenomic Next Generation Sequencing to Detect and Identify Pathogens, is specifically seeking projects that 1) endeavor to build upon the initial, locally-focused effort, and 2) contribute to future data-informed decision-making at the population level, via data sharing and pathogen data comparison, across sites.

Molecular data generated at individual global sites is intended to be linked and automatically aggregated into IDseq for referencing, by all participating clinics and associated sites.

Review IDseq at [https://idseq.net/](https://idseq.net/)

Examples of insights could include:

- deciphering unknown medical cases;
- identification of new pathogens;
- detection of local outbreaks;
- characterization of the local pathogen landscape, including vector-borne diseases;
- detection and classification of AMR Markers, with potential for insight into antibiotic treatment discordance;
- data-informed healthcare and resource allocation.

Grantees will be expected to partner closely with scientists and engineers, and provide feedback to help guide the cloud computing software’s development.

**Funding Details:** Initial grants are $100,000 US. Successful projects are eligible to receive follow-on funding to a maximum $1 million.
**MITACS JSPS Summer Program**

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

**Program Details**
- Open to: graduate students and postdoctoral fellows at Canadian universities in all disciplines
- Citizenship: Canadian citizens and permanent residents
- Funding: JSPS arranges round-trip airfare and insurance. Mitacs and JSPS provide an allowance for the student or postdoctoral fellow (equivalent to 534,000 yen in total). Host supervisors are eligible for a research support allowance.
- Destination: universities and research institutes in Japan
- Project length: 10 weeks (June 11-August 21, 2019; dates are tentative and subject to change)

**Funding Details:** For each approved award, JSPS will provide:
- Round-trip airfare. Flight arrangements are made by JSPS's designated travel agent based on JSPS regulations.
- Maintenance Allowance (534,000 yen, less $3,000 CAD from Mitacs paid to the Canadian home university), as well as hotel room charges at Narita and Tokyo, and meals and accommodation charges at SOKENDAI.
- Insurance during participant's stay in Japan (full details provided to successful fellows in the JSPS acceptance package)
- A research support allowance of up to 158,500 yen for the host supervisor’s research-related expenses.
- No funds will be released if the completed International Pre-Departure Form and/or Mitacs Code of Conduct and Ethics forms are outstanding.
- Travel to the destination prior to the approval of the award is not permitted and neither Mitacs nor JSPS is responsible for any costs incurred before the application is approved.

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**Alex’s Lemonade Stand Foundation: Young Investigator Grants**

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

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

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**Alex’s Lemonade Stand Foundation: Epidemiology Grants**

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

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

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**National Multiple Sclerosis Society: Therapeutic Development Opportunities for Neuroprotection and Neuroregeneration in MS**
The objective of this funding opportunity is to fund 1) drug development opportunities for therapies promoting neuroprotection and repair, and 2) new treatment strategies preventing neurodegeneration, and reversing neuronal damage where lost function can be restored. Approaches that impact demyelination, remyelination, neuroprotection, neural plasticity and repair, are considered appropriate.

**Funding Details:** A maximum of $300,000 over 1-2 years.

**Additional Details**
- Pre-Application Deadline: December 5, 2018
- Internal HRS Deadline: December 5, 2018
- Sponsor Deadline: December 19, 2018

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**Michael DeGroote Pain Fellowships**

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

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

**Additional Details**
- Internal HRS Deadline: December 13, 2018
- Sponsor Deadline: January 2, 2018

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**Michael DeGroote Graduate Studentships**

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

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

**Additional Details**
- Internal HRS Deadline: December 13, 2018
- Sponsor Deadline: January 2, 2018

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**Michael DeGroote Seed Grants**

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

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

**Additional Details**
- Internal HRS Deadline: December 13, 2018
- Sponsor Deadline: January 2, 2018

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**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.

**Additional Details**
- Internal HRS Deadline: December 13, 2018
- Sponsor Deadline: January 2, 2018

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

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

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

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

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

Additional Details
Internal HRS Deadline: December 14, 2018
Sponsor Deadline: January 04, 2019

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 17, 2018
Sponsor Deadline: January 9, 2019

Hamilton Community Foundation: Community Health, Education & Research Fund
This fund supports innovative research in community health, with particular interest in applied research and collaborations involving respiratory health issues.

Priorities & Criteria
The objectives of this fund are to support innovative applied or participatory research in community health by:

• encompassing a broad definition of health that incorporates lifestyle, social, physical and economic environments, health promotion and disease prevention
• promoting partnerships and collaboration between researchers and community organizations, agencies and institutions
• promoting the dissemination of acquired knowledge amongst community organizations, agencies and institution
• The Fund has a particular interest in community health research that is focused on respiratory health. Additional priorities include:
  • Health promotion and disease prevention (enabling people to improve their health by creating conditions in communities for health)
  • Building a healthy community (collaborations for safe, caring, healthy, inclusive communities)
  • Integration of best practice in health and social services (dissemination of acquired knowledge and research findings in ways that assist decision makers and practitioners)

Funding Details: (TBD) It is anticipated that approximately $100,000 will be available for grants every two years for projects in the City of Hamilton. While the size and number of grants awarded will vary with the scope and need, the Foundation envisions funding 4-6 projects in the range of $10,000 to $30,000 per project in each granting cycle.
ERS Long-Term Research Fellowship 2019
Long-Term Research Fellowships (LTRF) enable investigators and clinicians in the early stages of their career to carry out basic, translational or clinical research projects. Through this experience, young scientists learn and apply advanced research procedures and techniques not available at their home institute. Since 2015, ERS has increased the number of fellowships on offer by welcoming applicants from scientifically developing countries, and through partnerships with other organizations. Applicants are selected based on their scientific merit and the skills and experience they can bring to a new center.

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

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.

Canadian Cancer Society (CCS): Innovation to Impact Grants
This program is designed to support the logical next steps of a positive, innovative, 'high risk/high reward' research grant, with the goal of working towards or achieving a significant impact on cancer.

The Innovation to Impact Grants are designed to continue the CCS funding pipeline between successful Innovation and Impact Grants. Applicants are cautioned to carefully review the full description for details on the eligibility criteria for this funding opportunity.

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

Applicants are required to articulate significant achievements from the original Innovation Grant (i.e., significant new knowledge, publications, intellectual property, technology development, or relevant endpoints) and clearly describe and justify the progression to the new research proposed. Applicants must also describe the potential for impact of the proposed project on cancer. Investigators looking to explore unexpected outcomes or ideas not originally proposed in a funded Innovation Grant are encouraged to apply for a new Innovation Grant as the Innovation to Impact Grant program is designed to build upon successful outcomes from the objectives of the original Innovation grant.
Funding Details: Budgets awarded may be up to $150,000 per year for up to 3 years, to a maximum of $450,000 per grant.

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

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

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

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

Trainee positions must be undertaken at an eligible Canadian institution.

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

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

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

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

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

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

Funding Details: Max of $100,000 over a max of two years.

Additional Details
LOI Deadline: November 30, 2018
Internal HRS Deadline: January 3, 2019
Sponsor Deadline: January 17, 2019

Ontario Brain Institute: Growing Expertise in Evaluation and Knowledge Translation (GEEK)
The GEEK (Growing Expertise in Evaluation and Knowledge Translation) program provides funding, evaluation expertise, and support to community-based programs and services for people living with brain disorders. GEEK supports the sustainability, scale or spread of these programs, to improve the quality and quantity of evidence-based care in the community.

Eligibility criteria:
- The program or service is brain and/or mental-health related
- Funding supports activities taking place in Ontario.
- The program or service is currently or has previously been offered.
• The program or service is focused on community care.
• The applicant is an incorporated organization with prior or existing funding.

Preference will be given to programs or services that:
• Address a unique and/or unmet need of the community, or
• Are implementing their evidence-informed program/service in a new context or setting, or
• Are growing their capacity to deliver their program/service.

Funding Details: Up to $200,000 per year.

Additional Details
LOI Deadline: November 26, 2018
Internal HRS Deadline: January 11, 2019
Sponsor Deadline: January 25, 2019

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.

Additional Details
Internal HRS Deadline: January 4, 2019
Sponsor Deadline: January 18, 2019
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

Crohn’s and Colitis Canada: Grants-in-Aid of Research
The Crohn’s and Colitis Canada Grants-in-Aid of Research program supports research on inflammatory bowel disease (IBD). This research program helps advance prevention, treatments, health policy and, ultimately find cures. Grants support research projects with a defined objective, conducted by an investigator working alone or in collaboration with others.

Funding Details: A maximum of $125,000 per annum for a maximum of 3 years.

Additional Details
LOI Deadline: November 23, 2018
Internal HRS Deadline: January 4, 2019
Sponsor Deadline: January 18, 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

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): Connection Grants

The Social Sciences and Humanities Research Council of Canada (SSHRC) is now accepting applications for the Connection Grants competition. SSHRC has established the following deadlines for Connection Grant competitions: February 1, May 1, August 1, and November 1. Connection Grants support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage on research issues of value to those participating. Events and outreach activities funded by a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities.

Connection Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding. Additional information regarding Subject Matter Eligibility can be found at http://www. sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx.

Connection Grants support workshops, colloquia, conferences, forums, summer institutes or other events or outreach activities that facilitate:

- disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
- scholarly exchanges between those working in the social sciences and humanities and those working in other research fields;
- intersectoral exchanges between academic researchers in the humanities and social sciences, and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
- international research collaboration and scholarly exchanges between researchers, students and non-academic partners from other countries.

Particular importance will be placed on applications proposing open-access and open-source approaches to knowledge mobilization. Proposals must also include a plan for the maintenance, lifespan, dissemination and preservation of any resulting digital data.

Research Data Management Capacity Building Initiative

As part of the current Connection Grants competition, SSHRC is offering special Connection Grants to help the Canadian social sciences and humanities research community strengthen its capacity for data management. This Research Data Management Capacity Building Initiative offers the research community (e.g., disciplinary and professional associations; institutions; and individual researchers) Connection Grants to support the development, adoption and dissemination of research data management standards, practices, tools and skills appropriate to their field.

Research data management has become a key part of research excellence, and social sciences and humanities scholarship increasingly creates, and makes use of, digital research data. Properly managed, these data make it possible for researchers to ask new questions, pursue novel research, test new hypotheses, and apply innovative methodologies.

Applications to this initiative will be subject to the same evaluation criteria and scoring scheme common to all other Connection Grants. However, applicants must show how their project addresses the initiative’s specific goals (see the initiative’s full description). SSHRC will accept applications for the Research Data Management Capacity Building Initiative for the February 1st, 2019 competition.

Eligibility:

Individuals may only be applicant/project director and co-applicant on one active Connection Grant (individual or institutional) at a time. Furthermore, an applicant/project director may apply for only one Connection Grant per calendar year.

Funding Details: The maximum value of a Connection Grant for an event is $25,000 over 1 year. The minimum request required is $7,000.

The maximum value of a Connection Grant for other outreach activities is $50,000 over 1 year. SSHRC is willing to consider amounts higher than $50,000, although such applications must satisfactorily justify the need for the higher amount, as well as provide evidence the entire award can be managed within the one-year timeframe.

SSHRC will not fund the full cost of any Connection project. Additional support in the form of eligible cash and/or in-kind contributions (excluding registration fees) equivalent to a minimum of 50 per cent of the amount requested from SSHRC must come from other sources, such as sponsors. Applicants must demonstrate their ability to secure at least the minimum matching
funding by including letters of support from sponsoring organizations that clearly confirm the amounts and types of contributions the organizations are providing for the proposed event or activity.

Applicants may draw on complementary funding from SSHRC research grants and/or other research funding agencies, but must make clear in their budget proposal that there is no duplication of financial support for the same budget expenses. While SSHRC funds may be used in this complementary way, these funds cannot be counted towards the 50 per cent requirement for matching funds.

Additional Details
Notify ROADS of Intent to Apply: December 14, 2018
Draft Application Due to ROADS: January 11, 2019
Final Application Due to ROADS: January 25, 2019
Sponsor Deadline: February 1, 2019
*To Apply, Contact Pamela, Assistant Director, Development, ROADS at mcintyp@mcmaster.ca or extension 23713*

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

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

Funding Details: $60,000 per year for 2 years.

Additional Details
LOI Deadline: December 4, 2018
Internal HRS Deadline: January 30, 2019
Sponsor Deadline: February 13, 2019

Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1
Partnership Grants provide support for new and existing formal partnerships over four to seven years to advance research, research training and/or knowledge mobilization in the social sciences and humanities through mutual co-operation and sharing of intellectual leadership, as well as through resources as evidenced by cash and/or in-kind contributions. Partnership Grants are intended for large teams working in formal collaboration between postsecondary institutions and/or organizations of various types.

Eligibility: Projects whose primary objective is curriculum development are not eligible for funding.

Application Process: Applicants are required to first submit an initial application to SSHRC by February 15, 2019. Applicants successful at stage one will be invited to submit a formal application in the fall of 2019. Please note that the stage one proposal is a full-length application that will be adjudicated by a selection committee.

Funding Details:
• Applicants successful at Stage 1 will be offered funds of up to $20,000 to help in the preparation of the formal application.
• Partnership Grants successful at Stage 2 will typically be provided $500,000 to $2.5 million over four to seven years.

Additional Details
Notify ROADS of Intent to Apply: December 7, 2018
Draft Application Due to ROADS: January 2, 2019
Final Application Due to ROADS: February 5, 2019
Sponsor Deadline: February 15, 2019
*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*

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.

**Additional Details**

**LOI Deadline:** January 23, 2019  
**Internal HRS Deadline:** February 6, 2019  
**Sponsor Deadline:** February 20, 2019

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**Weston Brain Institute Rapid Response**

Rapid Response: Canada 2019, the objective:

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

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

**Additional Details**

**LOI Deadline:** December 3, 2018

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**Weston Brain Institute Transformational Research**

Transformational Research: Canada 2019, the objective:

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

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

**Additional Details**

**LOI Deadline:** December 3, 2018

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**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.

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**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**
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.

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

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

MITACS Globalink Research Award
The Mitacs Globalink Research Award provides funding for senior undergraduate and graduate students, and postdoctoral fellows in Canada to conduct 12–24-week research projects at universities overseas. The following opportunities support travel and research from Canada to universities in:
Australia, Brazil, China, EU member countries: In France, both universities and Inria Research Centres are eligible host institutions, Israel, India, Japan, Korea, Mexico, Norway, Saudi Arabia, Tunisia, United Kingdom, United States.

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

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

*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

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

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

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

**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*