News & Events

Common Challenges, Shared Solutions: 2018 McMaster Research Data Forum
When: Wednesday, December 12
Where: Mills Memorial Library

McMaster faculty members, staff, and students are invited to attend the 2018 McMaster Research Data Forum— an event hosted by the McMaster Library, RHPCS, MacDATA Institute, and the Tier 3 Research Data Management IT Committee.

This event aims to facilitate a broad discussion around data management challenges faced by researchers, as well as potential implications of a pending Tri-Agency Research Data Management policy.

The agenda includes a morning keynote address by Jeff Moon, Director of the Portage Network, describing the evolving national landscape of research data management policy and infrastructure. The keynote will be followed by an interactive panel discussion, where McMaster researchers and service providers will discuss their research data challenges in the exploration of common solutions.

In the afternoon session, facilitators from Statistics Canada will provide a workshop on disclosure control methods using confidential microdata at Research Data Centres (RDCs).

A full description and agenda for the event can be found here. Registration is free; lunch will be provided to registrants.

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.

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<th>Tier 2 CRC</th>
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Please see the posting for more details

**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

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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 – Team Grant: SPOR ICT Rewarding Success – Phase 3

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

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

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

**Additional Details**

**Internal HRS Deadline:** December 20, 2018

**Sponsor Deadline:** January 10, 2019

### CIHR – Team Grant: Transitions in Care

The TiC team grants are expected to:

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

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

**Additional Details**
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**

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**

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

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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](#))

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**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.

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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).

### Additional Details

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

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

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

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

### Additional Details

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

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

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

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

### Additional Details

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

**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
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.

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.

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.

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.

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

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**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

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**Simons Foundation Autism Research Initiative (SFARI): 2019 Research Award**

Grants awarded through this RFA are intended to provide support for the investigation of key unresolved research questions in autism, particularly those that connect etiology to brain function and behavior. Unlike SFARI Pilot Awards, risk and novelty are welcome but are not required criteria for the proposal to be considered meritorious. Competitive applications will have preliminary data or other relevant groundwork that justifies substantial investment on the proposed topic.

**Funding Details:** A maximum $1,300,000 including 20% indirect costs over a maximum 4 years.

**Additional Details**

**Internal HRS Deadline:** December 18, 2018
**Sponsor Deadline:** January 11, 2019

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**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.

Additional Details
Internal HRS Deadline: December 18, 2018
Sponsor Deadline: January 12, 2019

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

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

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

Canadian 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
**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

**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: 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

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): 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.
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.

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.

**Notify ROADS of Intent to Apply:** December 14, 2018
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*

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

*To Apply, Contact Pamela, Assistant Director, Development, ROADS at mcintyp@mcmaster.ca or extension 23713*

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

**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

**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
**Autism Speaks: Research on Central Auditory Processing Disorders Pilot Grant**

The objective of the Request for Applications: Pilot Grant is to support research that will elucidate

- the relationship of auditory processes to neurobehavioural manifestations,
- the potential for treatments directed at auditory processes pathology to improve neurobehaviour, and
- the best clinical approaches to the evaluation and treatment of central auditory processing disorders (CAPD).

Proposals should advance the clinical management of CAPD and associated neurobehavioural challenges, either by clinical assessment research, clinical intervention research, or by identifying pathophysiologic mechanisms that are amenable to clinical translation in the very near term. Applications that include the availability of better treatments both for underlying pathology, as well as co-existing conditions that decrease quality of life for those with autism, will be of particular interest.

**Funding Details:** A maximum $60,000 USD for 1 year (inclusive of 10% indirect costs).

**Additional Details**
- LOI Deadline: December 12, 2019
- Internal HRS Deadline: January 30, 2019
- Sponsor Deadline: February 13, 2019

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

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

**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

**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.

**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*

**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*

**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*

**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*

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

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*

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
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-throughput 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