News & Events

*NEW* Event Invitation Centre for Aging + Brain Health Innovation Partnership Program Presentation for Researchers/Clinicians

The Centre for Aging + Brain Health Innovation’s (CABHI) mission is to accelerate the development, validation, commercialization, dissemination and adoption of innovative products, services and best practices to support brain health and aging. Its aim is to help improve quality of life for the aging population, allowing older adults to age safely in the setting of their choice while maintaining their well-being and independence for as long as possible. CABHI facilitates collaborations among innovators, healthcare providers, private sector partners, government and consumers. Specifically through its Researcher-Clinician Partners Program (RCP2), the Centre will support teams of clinicians and researchers collaborating to refine, test, validate and disseminate innovative solutions in real-world settings for solutions at an advanced stage of development with promising scalability. Organizations of successful applicants will receive up to $500,000 (CAD) for projects not to exceed 15 months in duration.

In advance of their upcoming call expected this Spring, you are invited to attend a presentation by John Mayer, Portfolio Manager, CABHI to learn more about this new Research Partnership Program (RCP2) funding opportunity as follows:

**Date:** Tuesday, February 27, 2018  
**Time:** 10:00 – 11 am  
**Location:** MDCL-2232

If you plan to attend this event, please RSVP by email to Bertha Monrose at: monrose@mcmaster.ca

**OBIO Event in Toronto re: Accessing US National Institutes of Health (NIH) Funding**

OBIO is partnering with NRC-IRAP’s Biomedical Sector Team on a workshop on how Canadian companies and researchers can access funding, directly or indirectly, from the US National Institutes of Health (NIH). Although less straightforward for Canadian companies than American, various pathways exist for Canadian companies to work with the NIH. The NIH is one of the largest investors in medical research and development and is currently sponsoring 160+ projects in Canada totaling more than $60M USD. NIH funding is vastly underutilized by Canadian companies.

**When:** Monday March 5, 2018  
**Time:** 9:30 am – 11:30 am  
**Where:** ONRamp 100 College St. Suite 158, Toronto ON  
**Registration**  
**Additional Information**

**Webinars on the Project Grant: Spring 2018 Application**

CIHR is holding a series of webinars on the Project Grant: Spring 2018 application. These Question and Answer webinars are designed to complement the Project Grant: Spring 2018 Applicant Learning Module, which will be available on January 19th on the Learning for Applicants web page. Together, the module and webinars will give applicants an insightful understanding of the recent changes to the Project Grant competition and the application submission process.

The Project Grant: Spring 2018 webinars will be held between January 26th and February 28th. **Register for a webinar now.**
"Drugs for Clinical Trials Involving Human Subjects"

N2 is working in partnership with Health Canada (HC) on their consultation to seek input from Canadians and key stakeholders on their draft of GUI-0100: Guidance Document-Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects”.

HC is looking for comments on the clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH-E6(R2) in the Canadian context. Health Canada, as a member of ICH, will formally adopt ICH-E6(R2) on April 1st, 2018.

This GUI-0100 guide is designed to make Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects” easier to understand. It is intended to:

- promote stakeholder compliance with Part C, Division 5
- promote consistency and quality in the conduct of Health Canada compliance activities
- provide interpretation of Part C, Division 5, and specifically in terms of its relationship to ICH E6(R2)

Health Canada is looking for comments on:

- The clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH E6(R2) in the Canadian context

Health Canada is not looking for comments on:

- The wording or specific provisions of Part C, Division 5 of the Food and Drug Regulations
- The wording and provisions of ICH E6(R2)

TIMELINE

Feedback will be collected between December 15th, 2017 and April 15th, 2018.

As an N2 member, we encourage you to provide your feedback through the N2 mechanism to support Health Canada’s structured approach and to facilitate collation of the feedback.

Please find the GUI-0100 draft guidance documents here, and use the following link to provide your comments/feedback:

https://www.surveymonkey.com/r/2WDY26Q

If you have questions, related to N2’s involvement with Health Canada’s consultation on GUI-0100 please contact:

Karen Arts- N2 Chair, Board of Directors  
karen.arts@n2canada.ca  
Tel: 416.673.6637

Susanna Sellmann-N2 Quality Committee  
Susanna.Sellmann@uhnresearch.ca  
Tel: 416.946.4501 x3221

| Health Research Grant Competitions  
<p>| Programs administered by Health Research Services, unless otherwise indicated. Email: <a href="mailto:hsresadm@mcmaster.ca">hsresadm@mcmaster.ca</a> |
|------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Funding Opportunity (CIHR) | LOI Deadline | Internal HRS Deadline | Sponsor Deadline |
| CIHR – Health System Impact Fellowship 2018 | Mar 22 | Apr 5 |
| CIHR – 2018 Women Heart and Brain Health (WHBH) Chair Awards | Feb 28 | Apr 13 | Apr 27 |
| CIHR – Team Grant: Research Network on Lyme Disease | Mar 6 | May 23 | Jun 6 |
| CIHR – Team Grant: Transnational Cardiovascular Research Projects | Jun 1 | Jun 15 |
| CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform | Apr 17 | Jun 5 | Jun 19 |
| CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND) 2018 | Mar 6 | Jun 11 | Jun 25 |
| CIHR – Team Grant: NEURON 2018 (Please consult the ERA NET NEURON website) | Mar 8 | Jun 12 | Jun 26 |
| Funding Opportunity (Non-CIHR) | LOI Deadline | Internal HRS Deadline | Sponsor Deadline |
| 2018 NARSAD Young Investigator Grant | Feb 27 | Mar 13 |</p>
<table>
<thead>
<tr>
<th>Grant Description</th>
<th>Application Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banting Research Foundation: Discovery Award</td>
<td>Mar 1 to Mar 15</td>
</tr>
<tr>
<td>Banting Research Foundation and the Dystonia Medical Research Foundation Canada: Discovery Award</td>
<td>Mar 1 to Mar 15</td>
</tr>
<tr>
<td>The Kidney Foundation of Canada (KFOC) Allied Health Doctoral Fellowship</td>
<td>Mar 1 to Mar 15</td>
</tr>
<tr>
<td>The Kidney Foundation of Canada (KFOC) Allied Health Scholarship</td>
<td>Mar 1 to Mar 15</td>
</tr>
<tr>
<td>Age-Well 2018 Catalyst Funding Program</td>
<td>Mar 9 to Mar 23</td>
</tr>
<tr>
<td>The Alton Ochsner Award Relating Smoking and Disease 2018</td>
<td>Mar 16 to Mar 31</td>
</tr>
<tr>
<td>Canadian Liver Foundation, Research Grant Competition: Operating Grants</td>
<td>Mar 16 to Mar 31</td>
</tr>
<tr>
<td>Canadian Urological Association Scholarship Fund (CUASF): Bladder Cancer Canada Research Grant</td>
<td>Mar 16 to Mar 31</td>
</tr>
<tr>
<td>Centre for Addiction and Mental Health (CAMH) Discovery Fund</td>
<td>Mar 16 to Apr 1</td>
</tr>
<tr>
<td>Michael G. DeGroote Fellowship Awards</td>
<td>N/A to Apr 2</td>
</tr>
<tr>
<td>Diabetes Canada 2018 Research Competitions</td>
<td>Mar 19 to Apr 2</td>
</tr>
<tr>
<td>HHS New Investigator Fund (NIF) 2018 Round 1</td>
<td>N/A to Apr 3</td>
</tr>
<tr>
<td><em>NEW</em> The Orphan Disease Centre 2018 CDKL5 Program of Excellence Grant</td>
<td>Mar 8 to Mar 23</td>
</tr>
<tr>
<td>Faculty of Health Sciences Education Innovation Fund</td>
<td>N/A to Apr 13</td>
</tr>
<tr>
<td>The University of British Columbia Faculty of Medicine Call for Nominations: National Research Prizes</td>
<td>April 1 to Apr 15</td>
</tr>
<tr>
<td>Alzheimer’s Association (US) International Research Grant</td>
<td>Mar 2 to Apr 3</td>
</tr>
<tr>
<td>Brain Canada Foundation and Azrieli Foundation Early-Career Capacity Building Grants</td>
<td>Apr 3 to Apr 17</td>
</tr>
<tr>
<td><em>NEW</em> Alzheimer’s Association: The PART THE CLOUD to RESCUE Brain Cell Degeneration in Alzheimer’s Disease Program</td>
<td>Mar 5 to Apr 4</td>
</tr>
<tr>
<td>European Commission International Flagship Collaboration with Canada for Human data storage, integration and sharing to enable personalized medicine approaches</td>
<td>Apr 4 to Apr 18</td>
</tr>
<tr>
<td><em>NEW</em> SickKids Foundation, National Grants: New investigator Research Grants</td>
<td>Apr 6 to Apr 20</td>
</tr>
<tr>
<td>Brain Tumour Foundation of Canada Research Grant Program</td>
<td>Apr 13 to Apr 27</td>
</tr>
<tr>
<td>Cancer Research Society 2018 Scholarships for the Next Generation of Scientists</td>
<td>Apr 13 to Apr 27</td>
</tr>
<tr>
<td><em>NEW</em> Weston Brain Institute International Fellowships: Canada 2018</td>
<td>Apr 16 to Apr 30</td>
</tr>
<tr>
<td>Scottish Rite Charitable Foundation (SRCF): Major Research Grants</td>
<td>Apr 16 to Apr 30</td>
</tr>
<tr>
<td>Osteoporosis Canada: Canadian Multicentre Osteoporosis Study (CaMos) Fellowship Award</td>
<td>Apr 16 to Apr 30</td>
</tr>
<tr>
<td>Orthopaedic Trauma Association Grant and Scholarship Opportunities</td>
<td>Mar 12 to Apr 16</td>
</tr>
<tr>
<td>MITACS Globalink Research Award</td>
<td>May 2018</td>
</tr>
<tr>
<td>Social Sciences and Humanities Research Council (SSHRC) Connection Grants</td>
<td>Mar 13 to ROADS</td>
</tr>
<tr>
<td>Program</td>
<td>Application Dates</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>-----------------------------------------</td>
</tr>
<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Training Experience (CREATE) <em>(Please inform HRS of your intent to apply)</em></td>
<td>Feb 26 Notify ROADS</td>
</tr>
<tr>
<td>Christopher &amp; Dana Reeve Foundation: Quality of Life Direct Effect Grants Program</td>
<td>April 11</td>
</tr>
<tr>
<td>Hamilton Health Sciences (HHS) Clinical Health Professional Personnel Award (CHPA)</td>
<td></td>
</tr>
<tr>
<td>Misk Foundation and the Bill &amp; Melinda Gates Foundation: Misk Grand Challenges</td>
<td>Apr 18</td>
</tr>
<tr>
<td>Alliance for Cancer Gene Therapy (ACGT) 2018 Investigator’s Award</td>
<td>Mar 13</td>
</tr>
<tr>
<td>Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program</td>
<td></td>
</tr>
<tr>
<td>Canadian Blood Services (CBS) MSM Research Grant Program</td>
<td>Apr 15</td>
</tr>
<tr>
<td>Crohn’s &amp; Colitis Foundation: Grants</td>
<td>May 1</td>
</tr>
<tr>
<td>European Commission Research Projects on Personalized Medicine – Smart Combination of Pre-clinical and Clinical Research with Data and ICT Solutions</td>
<td>Apr 10</td>
</tr>
<tr>
<td>Organization for Autism Research (OAR): Applied Research Competition</td>
<td>Mar 26</td>
</tr>
<tr>
<td>Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s &amp; Related Diseases</td>
<td>Apr 19</td>
</tr>
<tr>
<td>Networks of Centres of Excellence of Canada Knowledge Mobilization (NCE-KM) Initiative Competition <em>(please inform HRS of your intent to apply)</em></td>
<td>Apr 16</td>
</tr>
<tr>
<td>Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 12 <em>(please inform HRS of your intent to apply)</em></td>
<td>Apr 5 Draft EOI to HRS</td>
</tr>
<tr>
<td>MITACS Accelerate Fellowship</td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
<td></td>
</tr>
<tr>
<td>Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award</td>
<td></td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity (VIP I) Program</td>
<td></td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity II (VIP II) Program</td>
<td></td>
</tr>
<tr>
<td>TalentEdge Internship Program (TIP)</td>
<td></td>
</tr>
<tr>
<td>TalentEdge Fellowship Program</td>
<td></td>
</tr>
<tr>
<td>MITACS Accelerate Program</td>
<td></td>
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<tr>
<td>MITACS Globalink Partnership Award</td>
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</tr>
</tbody>
</table>
The Health System Impact Fellowship is expected to:

- Support impact-oriented career paths and elevate the career readiness of PhD trainees and post-doctoral fellows studying HSPR or related fields by supporting experiential learning opportunities in health system and related organizations outside of the traditional scholarly environment and enriched competency development (e.g., leadership, project management);
- Expand and enrich the traditional doctoral and post-doctoral training environment by engaging health system and related organizations in preparing a cadre of promising doctoral trainees and post-doctoral fellows for successful careers;
- Provide health system and related organizations with direct opportunities to realize and harness the benefits that research-trained individuals can bring to such organizations for improved decision-making.

**Funding Details:** Funds are allocated across two mutually exclusive streams as follows:

- **Stream A:** HSI Award for Doctoral Trainees: Of the total amount available, $700,000 is available to fund 20 awards relevant to CIHR-IHSPR and is allocated among regional funding pools as follows:
  - $210,000 is available to fund 6 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
  - $350,000 is available to fund 10 awards in Central Canada (including Quebec, Ontario, and Nunavut)
  - $140,000 is available to fund 4 awards in Eastern Canada (including Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick)

- **Stream B:** HSI Awards for post-Doctoral Fellows: Of the total amount available, $1,085,000 is available to fund 10 post-doctoral awards relevant to CIHR-IHSPR and is allocated among regional funding pools as follows:
  - $325,500 is available to fund 3 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
  - $542,500 is available to fund 5 awards in Central Canada (including Ontario, Quebec and Nunavut)
  - $217,000 is available to fund 2 awards in Eastern Canada (including Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick)

**Additional Details**

**Internal HRS Deadline:** March 22, 2018
**Sponsor Deadline:** April 5, 2018

The mandate of each Chair is to generate new knowledge that improves awareness, prevention and understanding of how biology and socio-cultural factors affect women’s heart and brain health. The mandate of the Indigenous Chairs in particular will include the study of barriers and external factors that can influence Indigenous women’s health in Canada. The specific objectives of this funding opportunity are:

- To create new knowledge that advances understanding of women’s heart and brain health.
- To foster innovative, sex- and gender-sensitive approaches to diagnosis, access to high quality care and treatment of heart disease and stroke in women, especially within Indigenous communities.
- To foster the translation of research knowledge into evidence-based policies and interventions that improves heart and brain health and promotes wellness of women.

The Chairs must actively contribute to and become members of the Heart & Stroke Canadian Women’s Heart Health Research Network and participate in the biannual Canadian Women’s Heart Health Summit. The Chairs must also independently and together interact with and enhance current Canadian programs, to identify gaps and develop new policies, programs and interventions. The Chairs are expected to engage in implementation and outcomes research to evaluate heart and brain health inequities facing women and Indigenous communities in Canada.

**Funding Details:** The total amount available for this funding opportunity is $3,375,000, enough to fund the following:

- Up to four (4) Chair, with a per grant maximum value of $150,000/year for 5 years.
- An additional supplement to support the salary of the successful applicant within the early career Chair in Indigenous Women’s Heart and Brain Health, with a maximum value of $75,000/year for 5 years.

**Additional Details**

**LOI Deadline:** February 28, 2018
**Internal HRS Deadline:** April 13, 2018
**Sponsor Deadline:** April 27, 2018
**CIHR – Team Grant: Research Network on Lyme Disease**

The Lyme Disease Research Network grant is expected to:

1. Build a national network on Lyme disease to facilitate and support national collaboration among Lyme disease stakeholders (researchers, clinicians, and patients) in resource and knowledge sharing:
   - Mobilize, strengthen and build capacity in the Lyme disease research community.
   - Develop innovative multidisciplinary curricula and training opportunities for students and professionals.
   - Facilitate and support translation and dissemination of new knowledge from bench to bedside to population in order to:
     - Improve clinical science and practice;
     - Foster policy changes, leading to transformative and measurable improvements in the development and implementation of evidence-informed practices, policies, services, products and programs;
     - Improve patient outcomes, access to care and quality, efficiency and effectiveness of health care.
2. Develop a national cohort of patients in order to understand the association between serological and clinical phenomenology of Lyme disease on a longitudinal basis (including a biobank creation and maintenance).

**Funding Details:** The total amount available for this funding opportunity is $4 million, enough to fund approximately one research network up to a maximum of $1,000,000 per year for four years. This amount may increase if additional funding partners participate.

**Additional Details**

**LOI Deadline:** March 6, 2018
**Internal HRS Deadline:** May 23, 2018
**Sponsor Deadline:** June 6, 2018

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**CIHR – Team Grant: Transnational Cardiovascular Research Projects**

The ERA-CVD JTC2018: Transnational Cardiovascular Research Projects driven by Early Career Scientists is expected to:

- Foster transnational cooperation of European countries and beyond, and to coordinate research efforts and funding programs of the ERA-CVD partner countries with Canada
- Promote co-operation and interchange between Early Career Scientists and thus enable international collaboration and new consortia establishment in cardiovascular research,
- Enable capacity building and empowering of Early Career Scientists by providing opportunity to independently develop and perform highly innovative research projects,
- Add value in funding the collaboration over individual projects by sharing of resources (e.g., models, databases, diagnosis etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.

**Funding Details:** The total amount available for Canadian applications is Can$ 585,000, which is enough to fund approximately two (2) grants. This amount may increase if additional funding partners participate. The maximum amount available per grant to Canadian participants in transnational consortia is Can$ 97,500 per year for up to three (3) years for a total of Can$ 292,500, per grant.

**Additional Details**

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

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**CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform**

The objectives of the SPOR National Data Platform will be to:

- Create efficiencies in data collection and reduce the time required for researchers to access multi-jurisdictional data.
- Establish systems of retrieval, standardization/harmonization and linkage of high priority clinical data to administrative and social data to enable richer population-based multi-jurisdictional studies to be conducted.
- Establish valid and reliable methods for linking primary research data (e.g., cohorts, clinical trials) to health administrative, social and other data to create efficiencies in data collection.
- Inform and provide innovative and ethical solutions to data access and its use through patient and partner engagement.
- Facilitate access to data analytic and data storage services, as needed, for multi-jurisdictional studies.

**Funding Details:** The total amount available from CIHR for this funding opportunity is up to $39,000,000 enough to fund one grant for a term of up to seven years. The breakdown of the annual funding available is as follows:

- **Year 1:** $3,000,000
- Year 2: $4,000,000
- Year 3: $5,000,000
- Year 4: $6,000,000
- Years 5-7: $7,000,000 in each year

**Additional Details**
**LOI Deadline:** April 17, 2018
**Internal HRS Deadline:** June 5, 2018
**Sponsor Deadline:** June 19, 2018

### CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND) 2018

The aim of the call is to establish a limited number of ambitious, innovative, multi-national and multi-disciplinary collaborative research projects that address health and social care delivery at the macro level (system and infrastructures) as well as (at) the individual level of patients, their careers and families. For more information, please consult the Joint Programme Neurodegenerative Disease Research (JPND) website.

**Funding Details:** The total amount available for the Canadian component of this funding opportunity is CAD $700,000, enough to fund approximately 2 grants. The maximum amount per grant is CAD $116,666 per year for up to three years.

**Additional Details**
**LOI Deadline:** March 6, 2018
**Internal HRS Deadline:** June 11, 2018
**Sponsor Deadline:** June 25, 2018

### CIHR – Team Grant: NEURON 2018

Maintenance, improvement and restoration of human health are of fundamental importance and worldwide priority. Biomedical and health research provide an important basis for the improvement of healthy living. Disorders of the brain are major causes of morbidity, mortality and impaired quality of life. Around one billion people suffer from disorders of the central nervous system. Therefore, neuroscience research and its translation into diagnostic and therapeutic outcomes are fundamental.

To address this, the ‘Network of European Funding for Neuroscience Research’ (NEURON) was established under the ERA-NET scheme of the European Commission. ERA-NET NEURON coordinates research efforts and funding programs of European and partner countries in the field of disease related neuroscience. Under the umbrella of NEURON, several joint transnational calls (JTCs) have been launched on different neuroscientific topics from 2008 to 2016.

The aim of this call is to facilitate multinational, collaborative research projects that will address important questions related to mental health and mental disorders across the entire lifespan. Research on dementia is excluded from the present call.

The call will accept novel and original research proposals within the breadth of research understanding basic mechanisms of disease to proof-of-concept clinical studies in humans.

**Funding Details:** The total amount available from CIHR for the Canadian component of this funding opportunity is $450,000 enough to fund approximately 2 grants. The maximum amount per grant is $75,000 per year for up to 3 years for a total of $225,000 per grant.

**Additional Details**
**LOI Deadline:** March 8, 2018 (Please consult the ERA NET NEURON website. Note: no documents need to be submitted to CIHR via RNet at this stage.)
**Internal HRS Deadline:** June 12, 2018
**Sponsor Deadline:** June 26, 2018

### 2018 NARSAD Young Investigator Grant

The program is intended to facilitate innovative research opportunities and supports basic, as well as translational and/or clinical investigators. All research must be relevant to our understanding, treatment and prevention of serious psychiatric disorders such as: schizophrenia; bipolar; mood and anxiety disorders; or early onset brain and behavior disorders. As is well known, the Foundation is interested in supporting the full range of relevant neurobiological and psychobiological basic science. We also support clinical science which can include careful studies using qualitative research approaches or research generating preliminary data to explore a new hypothesis generated by clinical experience or large sample studies.
Funding Details: Young Investigator Grants provide each scientist with up to $35,000 per year for two years totaling $70,000

Additional Details
Internal HRS Deadline: February 27, 2018
Sponsor Deadline: March 13, 2018

Banting Research Foundation: Discovery Award
The Banting Research Foundation annually awards the Discovery Award, a grant of up to $25,000, to outstanding new investigators in any area of health and biomedical research who are within the first three years of their independent appointment at a university or research institute in Canada. The intent is to provide seed funding so that applicants are able to gather pilot data to enhance their competitiveness for other sources of funding.
This competition is open to new investigators at any Canadian university or affiliated research institute who meet the eligibility criteria.

Funding Details: Maximum value of $25,000 for 1 year

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

Banting Research Foundation and the Dystonia Medical Research Foundation Canada: Discovery Award
The goal of the DMRF Canada’s Science Program is to support the discovery of new or improved therapies and, ultimately, a cure for dystonia. To achieve this goal, the DMRF is dedicated to supporting the field of dystonia research and stimulating the collaborations and projects necessary to accelerate progress. Eligible candidates must be focused on research that will address one or more of the core directions necessary to advance the field of dystonia. These core directions include furthering our fundamental understanding of dystonia, uncovering the mechanisms in the nervous system that lead to symptoms, creating experimental models of dystonia, and discovering targets for new and improved therapeutics designed specifically to treat dystonia. This includes hypothesis-driven research projects at the genetic, molecular, cellular, systems, or behavioral levels that may lead to a better understanding of the pathophysiology or to new therapies for any or all forms of dystonia.

Funding Details: The value of this one-year grant is a maximum of $25,000

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

The Kidney Foundation of Canada (KFOC) Allied Health Doctoral Fellowship
The Kidney Foundation of Canada has established a national goal of encouraging and supporting research that may further the current knowledge pertaining to the kidney and urinary tract or improve health in areas relevant to the Vision and Mission of the Foundation. The Foundation wishes to point out that it is seeking doctoral fellowship applications that are relevant to its Vision and Mission. The Foundation reserves the right to make a decision on the relevance of a given project to basic and clinical kidney disease. Applications deemed irrelevant will not be funded regardless of the excellence of the science. All awards become tenable July 1 following announcements of the competition results. Funds are available for a limited number of Fellowships designed to provide for full-time academic and research preparation at the doctoral level. The objective of this program is to promote and enhance the development of nephrology/organ donation allied health investigators in Canada. The award is tenable in Canada or abroad.

Funding Details: This award is for up to $31,000/year and is tenable in Canada or abroad

Additional Details
Internal HRS Deadline: March 1, 2018
Sponsor Deadline: March 15, 2018
The Kidney Foundation of Canada (KFOC) Allied Health Scholarship

The purpose of the Allied Health Scholarship award is to assist the student with a demonstrated interest in nephrology/organ donation in pursuing education at the Masters level to promote and enhance the development of nephrology allied health investigators in Canada.

Applicants must meet the following eligibility requirements:

- serve as a nephrology nurse or technician, social worker, pharmacist, dietitian, transplant coordinator or other allied health professional;
- have a demonstrated commitment to the area of nephrology or organ donation with an interest in kidney research.
- Preference will be given to applicants with a minimum of two years full time equivalent experience;
- have Canadian citizenship or landed immigrant status;
- be accepted in proposed course of full-time or part-time study;

Funding Details: Up to a maximum of $10,000

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

Age-Well 2018 Catalyst Funding Program

AGE-WELL is excited to launch its 3rd Catalyst Funding Program to support innovative research projects aimed at generating, promoting or accelerating economic and social benefit in the field of technology and aging. The Catalyst Funding Program represents the first-stage in AGE-WELL’s innovation funding stream. Catalyst grants will support early-stage, scalable research projects including pilot studies, feasibility studies and novel approaches that are aligned with AGE-WELL’s mission and vision. Projects must demonstrate strong potential for real-world impact. It is expected that Catalyst projects will lead to new funded research initiatives, either as part of AGE-WELL or through other granting agencies. Projects funded by Catalyst grants may be suitable for future AGE-WELL investment as they progress along the innovation pipeline. To be eligible for continued funding through AGE-WELL, end-of-term deliverables must provide justification for continued funding either through a renewal of Catalyst funding or transfer to another AGE-WELL funding program (e.g. Core Research Program, Strategic Investment Program).

Funding Details: Up to $50,000 over 12 months. Can be renewed for one year, pending end-of-term review.

Additional Details
Internal HRS Deadline: March 9, 2018
Sponsor Deadline: March 23, 2018

The Alton Ochsner Award Relating Smoking and Disease 2018

Nominations are now being accepted for the 33rd Annual Alton Ochsner Award Relating Smoking and Disease. Nominations must be made by a letter (online) that describes in detail, but concisely, the scientific work and major contributions of the investigator to the field. Self-nominations are excluded. All nominations must include and be supported by:

1. the candidate’s curriculum vitae (containing an active mailing address, office telephone and cellular telephone number, and e-mail address, and bibliography;
2. at least two additional supporting letters of recommendation by scientific peers from outside the candidate’s institution; and
3. reprints of at least three pertinent major supporting scientific contributions.

The Award Committee is now accepting nominations and supporting material in PDF format only by e-mail sent to Ochsner at AOSRA@ochsner.org. Documents submitted in a format other than PDF by e-mail will not be considered.

Funding Details: $15,000 will be presented to one to three investigators.

Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

*To apply or for additional details, contact Catherine Gill Pottruff or Serena Jennings, Senior Grants Advisors, HRS, at gillic@mcmaster.ca or sjenn@mcmaster.ca respectively*
Canadian Liver Foundation, Research Grant Competition: Operating Grants
The Canadian Liver Foundation is proud to support researchers across Canada; scientists who have made liver research a priority in their labs and clinics. In order to support new advances and breakthroughs, the CLF funds the research of senior researchers, new investigators, and medical students through their research grant programs and partnership projects. As the CLF’s most senior award, the operating grant is offered to investigators with primary interest in hepatobiliary research who hold academic appointments in Canadian universities or affiliated institutions. Both clinical investigators and basic scientists will be considered.

Funding Details: Operating Grants provide funding of up to $60,000 per year for a maximum of two years.

Additional Details
Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

Canadian Urological Association Scholarship Fund (CUASF): Bladder Cancer Canada Research Grant
The objective of the CUASF-BCC Grant Program is to support peer-reviewed research that promotes excellence in bladder cancer research with the ultimate goal of improving patient care and understanding the biology of bladder cancer. Proposals may include basic science, translational or clinical research. Proposals in other areas of urological research exclusive of bladder cancer will not be considered. Grant recipients are expected to demonstrate improved understanding of the specific research area and/or contribute to improving patient care in bladder cancer.

Funding Details: It is anticipated that up to 2 grants of $25,000 CDN will be awarded each year.

Additional Details
Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

Centre for Addiction and Mental Health (CAMH) Discovery Fund
The new Discovery Fund is a groundbreaking initiative dedicated to defining the causes of mental illness and developing the cures that will save lives and create hope. The Discovery Fund will enable CAMH to attract talent, explore big ideas, support young scientists, and leverage data to solve the mysteries of the brain.

Funding Details: A two-year award up to $100,000 per year (maximum of $200,000 for two years) will be provided to scientists at a lecturer level or above (including senior scientists) to support an innovative research idea.

Additional Details
Internal HRS Deadline: March 16, 2018
Sponsor Deadline: April 1, 2018

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

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

Awards are available in two categories: the Michael G. DeGroote Fellowship Award in Basic Biomedical Science and the Michael G. DeGroote Fellowship Award in Clinical Research. Candidates conducting basic science research are eligible for the Basic Biomedical Science Fellowship Award and those pursuing clinical research are eligible for the Clinical Research Fellowship Award. Applicants must identify in their application which award they are applying for. Separate selection committees will review the respective applicants for each award.
Applications are now being accepted and we are seeking qualified candidates to apply. If you know of any first-rate candidates who you feel would be a good fit for these awards under your supervision, please:

- Email mgdfa@mcmaster.ca clearly detailing your ability and willingness to provide the matching $10,000 in funding to support the candidate
- Have the candidate visit http://fhs.mcmaster.ca/mgdfa/ and apply online. The deadline for applications is April 2, 2018 with an estimated start date of July 1, 2018.

Eligibility

- Only candidates who are (a) external to McMaster, or (b) internal students who have yet to begin postdoctoral or health professional degree studies at McMaster, or (c) internal students who began their postdoctoral or health professional degree studies at McMaster no earlier than July 1, 2017, will be eligible for the awards.
- For candidates who hold (or are completing) a PhD, the proposed supervisor(s) listed in their application must be different than their PhD supervisor.
- Priority will be given to those applicants whose graduate training has not been exclusively at McMaster.

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

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

Additional Details

Sponsor Deadline: April 2, 2018

Diabetes Canada 2018 Research Competitions

Diabetes Canada administers the Charles H. Best Research Fund to support research to enhance our understanding of diabetes and its prevention, causes, management, and cure. In 2016, the Canadian Diabetes Association (CDA) and the National Research Council (NRC) revised its research strategy. This new strategy was refined in response to input from the research community and implemented in 2017. This is the second year of a four-year strategy. Diabetes Canada funds the following awards:

- Post-Doctoral Fellowship (maximum duration of funding is 2 years)
- New Investigator Award (duration of funding 3 years)
- Diabetes Investigator Award (duration of funding 3 years)

Funding Details:

- Post-Doctoral Fellowship - This award includes salary support of $45,000 per year, plus a research allowance of $5,000 per year
- New Investigator Award - This award amount is $125,000 per year for 3 years. Of this, the investigator may choose to allocate up to $50,000 per year for investigator’s salary support.
- Diabetes Investigator Award - This award amount is $125,000 per year for 3 years. Of this, the investigator may choose to allocate up to $50,000 per year for investigator’s salary support.

Additional Details

Internal HRS Deadline: March 19, 2018
Sponsor Deadline: April 2, 2018

HHS New Investigator Fund (NIF) 2018 Round 1

The Hamilton Health Sciences’ commitment to “first stage” research led to the creation of the New Investigator Fund (NIF). The fund is an integration of the former HHS Foundation Young Investigator Grants and the HHS Research Development Fund, and provides a unique opportunity to foster and support a culture of inquiry for novice investigators under the mentorship of senior staff. The NIF provides project funding to front-line staff (healthcare professionals and medical staff) toward research initiatives directly relevant to the clinical mission and research strategic direction of HHS.

Funding Details: Grants will be awarded based on the excellence exhibited by the research and a maximum of $50,000 awarded per project.
The Orphan Disease Centre 2018 CDKL5 Program of Excellence Grant

CDD is a monogenic, orphan condition characterized by treatment-resistant epilepsy and severe cognitive and motor disability. The disease is driven by the loss of a kinase called CDKL5 which is responsible for normal neuronal development, synapse formation and signal transmission. The mechanism(s) by which CDKL5 Deficiency leads to CNS disease is unclear. The gene encoding this protein is located on the X chromosome with heterozygous females primarily affected. The disease does not exhibit neurodegeneration and animal models strongly suggest the potential for reversibility. There are no approved therapies and standard of care is not effective at managing seizures or improving cognitive or motor deficits. While the RFA is broad in scope, priority will be given to grants that cover the following areas:

- Novel therapeutic approaches for CDKL5 Deficiency Disorder (CDD), including but not limited to techniques in genome editing, RNA-based mechanisms, biologics, and small molecule repurposing.
- Approaches to validate phenotypes in CDKL5 function or disease pathophysiology through rescue of phenotypic deficits with pharmacological or genetic / gene therapy techniques. Phenotypic reversal in rodent models will focus on the use of adult (2 months of age or older) animals. In particular, approaches are encouraged which allow the identification of individual CDKL5 protein isoforms (arising from alternative splicing, alternative promoter usage, or post-translational modifications) which can rescue these phenotypes.
- Systems biology and computational modeling approaches to provide a deeper understanding of CDKL5 function, downstream effectors, signaling, protein: protein interactors, or modifiers, including regulators of CDKL5 gene expression (transcriptional, post-transcriptional/RNA processing, translational, post-translational).
- Novel imaging and functional approaches to phenotyping CDD in pre-clinical models or the clinical setting. A non-exclusive list of topics that would be responsive to this RFA is listed below
  - Functional/structural MRI; diffusion tensor imaging (DTI)
  - Magnetic resonance spectroscopy (MRS)
  - Stimulus-induced event-related potentials: impact of CDKL5 genetic / gene therapy or pharmacological interventions on deficits in stimulus-induced event potentials (visual, auditory, or other) in CDD disease models
  - Discovery and validation of CDKL5 biomarkers and their translation to the clinical setting.

Funding Details: This is a one-year grant for $150,000

Additional Details
LOI Deadline: March 8, 2018
Internal HRS Deadline: March 23, 2018
Sponsor Deadline: April 6, 2018

Faculty of Health Sciences Education Innovation Fund

Purpose: To encourage and provide support for the development and evaluation of novel and innovative approaches to health sciences education in the Faculty of Health Sciences.

Eligibility: All members of the faculty of FHS are eligible for funding support. Funding cannot be used to supplement another partly funded project. All those awarded funding must be willing to present their research at the Geoffrey R Norman FHS Education Research Day in June. Priority will be given to projects that address competency-based education, simulation-based education and innovative pedagogy and projects where theory is used/developed to inform practice. The activity of the project should be focused on McMaster Faculty of Health Sciences.

Application Process:
Applicants are required to submit:

1) An abridged CV (max. 3 pages, focusing on previous research and educational scholarship)
2) A project summary - 3 pages maximum, single spaced, plus references, outlining:
   a. Proposed study question/objectives
   b. Proposed method of analysis
   c. Expected project outcome
   d. Strategy for disseminating outcome findings
   e. Potential education impact of the study
3) Budget
The following expenses are ineligible:
   a. Salary support for P.I. or other faculty members
   b. Computers and other equipment unless integral to the study e.g. voice recording equipment
   c. Infrastructure expenses that are presently supported elsewhere (e.g. telephone, administrative assistant)

No university overhead will be charged. Open Access journal publications costs will be allowed.

4) Adjudication
The adjudication process will be administered by the office of the Associate Dean, Health Professional Education who will chair a selection committee of senior faculty. Preference will be given to projects that address the priority areas identified in the Eligibility section above and that incorporate a design that uses theory to inform practice or uses practice to develop theory.

Funding Details: Funding will be awarded to one or more applicants annually for up to two years of funding support to a maximum of $50,000 per project, spread over the two years; funding for the second year is contingent on the submission of a satisfactory interim report to the selection committee prior to the end of the first year of funding. A final report shall be submitted upon completion of the project. The selection committee reserves the right to not fund any projects in any given year. Award winners will be announced at the Geoffrey R. Norman FHS Education Research Day on June 6, 2018.

Additional Details:
1) Deadline for application April 13, 2018 at midnight.
2) Submit as 1 pdf document with the P.I.’s name and a short version of the title as the document’s name.
3) Submit to the office of the Associate Dean, Health Professional Education c/o mcarthj@mcmaster.ca

Sponsor Deadline: April 13, 2018

The University of British Columbia Faculty of Medicine Call for Nominations: National Research Prizes
The University of British Columbia is currently seeking nominations for the following two research prizes:

Dr. Chew Wei MBBS [HK] FRCOG [ENG] Memorial Prize in Cancer Research
The Dr. Chew Wei MBBS [HK] FRCOG [ENG] Memorial Prize in Cancer Research is awarded annually to a Canadian physician or scientist who makes outstanding contributions to the treatment, amelioration, or development of therapies for cancer.

Additional Details and Nomination Instructions

Margolese National Brain Disorders Prize
The Margolese National Brain Disorders Prize is awarded annually to a Canadian physician or scientist who makes outstanding contributions to the treatment, amelioration, or cure of brain disorders.

PLEASE NOTE: Based on the prize guidelines for the 2018 Margolese Brain Disorders Prize, nominations must be for individuals external to the University of British Columbia.

Additional Details and Nomination Instructions

Funding Details: The prizes each have a value of $50,000

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

Alzheimer’s Association (US) International Research Grant
The purpose of the International Research Grant Program Announcement is to help applicants understand the context and history of the Alzheimer’s Association International Research Grant Program and to publicize high priority areas of focus for the current fiscal year. The Association supplements its own funding efforts with public policy initiatives directed toward increasing Alzheimer’s research funding at the federal level. The Association’s International Research Grant Program has served historically as an incubator for novel ideas, complementing the programs of the National Institute on Aging and the other institutes of the National Institutes of Health as well as other federal agencies around the world. As our funding initiative has grown and matured, grant categories have expanded to support researchers at every stage in their careers. Funded projects now explore the broadest possible spectrum of
biological approaches to understanding, preventing and treating Alzheimer’s; social and behavioral strategies for ameliorating the effects of the disease on individuals and their families and professional caregivers; clinical studies; and adaptive technologies.

**Funding Details:** Various amounts are available up to $450,000 per year for 2 to 3 years.

**Additional Details**

**LOI Deadline:** March 2, 2018  
**Internal HRS Deadline:** April 3, 2018  
**Sponsor Deadline:** April 16, 2018

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**Brain Canada Foundation and Azrieli Foundation Early-Career Capacity Building Grants**

Supported by the Canada Brain Research Fund, the general purpose of the Early-Career Capacity Building Grant program is to accelerate novel and transformative research that will fundamentally change our understanding of nervous system function and dysfunction and their impact on health. The goal is to reduce the social and economic burden of neurological and mental health problems by prevention, early diagnosis, and treatment. At the early stage of an investigator’s career, recently hired faculty are in a strong position to formulate innovative research projects that are “high risk/high reward”, but they often lack the preliminary data required to obtain their first large grant. This program provides an opportunity to develop new lines of research on the fundamental properties and mechanisms of the brain and nervous system, and gather such preliminary data. The Early-Career Capacity Building Grant has the potential to be transformative at a time when it is well recognized that there is a significant funding gap to support and retain our brightest early-career investigators, who are well positioned to make major contributions to Canadian brain research.

**Funding Details:** This competition has an overall envelope of $1,000,000 to support 10 projects that last two years each, for a total of $100,000 per project.

**Additional Details**

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

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**Alzheimer’s Association: The PART THE CLOUD to RESCUE Brain Cell Degeneration in Alzheimer’s Disease Program**

The PART THE CLOUD to RESCUE (REverse, reStore, Cease and UndErstand) Brain Cell Degeneration in Alzheimer’s disease program will accelerate the discovery and testing of innovative compounds to be used for interventions in the earliest stages of neurodegeneration-dementia-Alzheimer’s disease. Presently there are no effective interventions to delay or prevent the progression of neurodegenerative processes that underlie the disabling symptoms of Alzheimer’s dementia. To date, clinical trials based on current theories of the disease pathogenesis have not resulted in viable treatments. The strategic goal of the Alzheimer’s Association is to increase the options for potential interventions in early stages of neurodegeneration. In light of these aims the primary focus of PTC to RESCUE Brain Cell Degeneration in Alzheimer’s disease program is to encourage the discovery and development of a wide-range of interventions to maintain and/or restore the health and functionality of neurons and/or connectivity of neural networks.

**Funding Details:** Projects will be selected as a finalist for this program. These projects will receive up to $1,000,000 (total) over 2 years to support their proposed study. Funding should span over two years with maximum per year of $700,000.

**Additional Details**

**LOI Deadline:** March 5, 2018  
**Internal HRS Deadline:** April 4, 2018  
**Sponsor Deadline (By invite only):** April 18, 2018

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**European Commission International Flagship Collaboration with Canada for Human data storage, integration and sharing to enable personalized medicine approaches**

CIHR and FRQS are pleased to announce that funding is available to support Canadian researchers interested in collaborating in the domain of repositories storing and sharing human-omics data that will create a framework for long-term cooperation through transnational collaborations with European researchers. The goal of this program aims to enhance and standardize data deposition, curation and exchange procedures thus ensuring better data reuse and increased benefit to the scientific communities worldwide.
This is a unique collaboration, and CIHR’s first European Commission Research and Innovation Action (RIA), which will require each project to involve at least one Canadian investigator and three European investigators fundable by the European Commission.

**Funding Details:** The total amount available for Canadian researchers from CIHR and FRQS is $5.5 million CAD, enough to fund 7 grants. The maximum amount available is $200,000 CAD per year for up to four (4) years for a total of $800,000 CAD, per grant.

**Additional Details**

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

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**SickKids Foundation, National Grants: New investigator Research Grants**

The objective of the New Investigator Research Grant is to support early career investigators who successfully lead, participate in, and translate outstanding child health research that will respond to children’s health challenges and needs. Funding is provided for research in biomedical, clinical, health systems and services, and population and public health sectors. The principal investigator will hold a doctoral degree (Ph.D) or equivalent medical/health care degree, and have had formal research training. Eligible applicants are required to include a mentorship plan and to work with a clearly-identified mentor.

**Funding Details:** maximum $100,000 per year for a maximum 3 years

**Additional Details**

**Internal HRS Deadline:** April 6, 2018  
**Sponsor Deadline:** April 20, 2018

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**Brain Tumour Foundation of Canada Research Grant Program**

Supporting brain tumour research in Canada allows each of us who are affected by brain tumours to both better understand this disease and to move closer to finding new treatments, improving current treatments, and enhancing the quality of life for brain tumour patients. Thanks to donors, the Research Grant Program provides financial support to Canadian researchers with critical funds that help to propel their research forward into the future. Proposals that receive funding include research that involves any and/or all of the following:

- The development of new concepts
- Patient-oriented research such as clinical trials, epidemiological studies, quality of life studies, outcomes, health services research
- Pre-clinical research evaluating the therapeutic potential of recent discoveries in the basic mechanisms of either brain tumour pathogenesis or experimental therapeutics

**Funding Details:** Applications for grants up to $25,000.00 will be considered

**Additional Details**

**Internal HRS Deadline:** April 13, 2018  
**Sponsor Deadline:** April 27, 2018

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**Cancer Research Society 2018 Scholarships for the Next Generation of Scientists**

The Cancer Research Society is pleased to announce the launch of its 2018 Scholarships for the Next Generation of Scientists competition, an initiative aiming at supporting future generations of Canadian researchers. The Scholarship is broken down into two parts, and extends over a period of 3 years, with no possibility for renewal.

**Funding Details:**

- Part 1: Postdoctoral Salary Award – 1 year - $40,000
- Part 2: Operating Grant – 2 years - $120,000 ($60,000/year)

**Additional Details**

**Internal HRS Deadline:** April 13, 2018  
**Sponsor Deadline:** April 27, 2018
Weston Brain Institute International Fellowships: Canada 2018

The Goal of the International Fellowships are to accelerate the careers of top Canadian PhD students by providing funding to conduct research in the labs of leading scientists. This will enable awardees to build international collaborations with world class labs, conduct influential neuroscience research on neurodegenerative diseases of aging, and bring enhanced research capabilities back to Canada. This fellowship will enrich the careers of awardees, preparing them to obtain more prestigious postdoctoral positions, and increasing their competitiveness for future positions as leaders in neuroscience in Canada.

Funding Details: Up to $60,000 per awardee per year (prorated as needed, at $5,000 per month for shorter travel durations)

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

Scottish Rite Charitable Foundation (SRCF): Major Research Grants

SRCF Major Grants support biomedical research into intellectual impairment focused on the following:

- The causes and eventual cure of intellectual impairment, such as Dyslexia and Autism, especially as it affects children.
- The causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.
- Research into other forms of intellectual impairment may be considered.

Note: The focus of the research should be on the causes and cure of the disease as opposed to the active treatment or palliative care.

Funding Details: The value of the grants is a maximum of $40,000 per year for a period of up to 3 years.

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

Osteoporosis Canada: Canadian Multicentre Osteoporosis Study (CaMos) Fellowship Award

The Osteoporosis Research Program provides training awards to support Canadian investigators conducting research that promises to yield new insights into the prevention and treatment of osteoporosis and improving the lives of individuals with this disease. Awards are offered to individuals through annual research competitions, which involves an extensive peer review process. A collaborative award, by the Canadian Multicentre Osteoporosis Study (CaMos) and Osteoporosis Canada. This program will fund a graduate student or postdoctoral fellow for one year in the amount of $20,000 and will provide that individual with an opportunity to engage in research training with investigators at CaMos. Awardees will gain new insight into the field of osteoporosis and will be presented with the basis for a career in clinical/epidemiological research related to osteoporosis. This program strives to improve the lives of individuals with osteoporosis while seeking optimal prevention and treatment of the disease. The application process will be administered by OC.

Funding Details: This program will fund a graduate student or postdoctoral fellow for one year in the amount of $20,000

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

Orthopaedic Trauma Association Grant and Scholarship Opportunities

The OTA has two current grant and scholarship opportunities.

- International Grant Pre-Proposal - The principal investigator must be a member of the Orthopaedic Trauma Association (in good standing) outside of North America and the research must be conducted outside of North America
- Directed Topic Pre-Proposal – Between the principal investigator and co-principal investigator, membership in both organizations must be fulfilled. The research must be conducted in North America. The OTA/AOTNA is looking to fund proposals in the following directed topics:
  - Clinical Patient-centered outcomes
  - Clinical or Basic Science Musculoskeletal infection
Funding Details:
- **International Grant Pre-Proposal** – up to $30,000 based on grant merit (covering direct cost) over a 2 year period
- **Directed Topic Pre-Proposal** - $50,000 per year, maximum 2-year funding cycle ($100,000 maximum)

**Additional Details**

**LOI Deadline:** March 12, 2018
**Internal HRS Deadline:** April 16, 2018
**Sponsor Deadline:** April 30, 2018

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**MITACS Globalink Research Award**

Mitacs is accepting applications for competitive international research opportunities for student travel from Canada. They recommend that students apply by May 2018 for travel planned in Fall 2018.

**Funding Details:** The Mitacs Globalink Research Award provides $6,000 for senior undergraduate and graduate students in Canada to conduct 12–24-week research projects at universities overseas

**Additional Details**

**Sponsor Deadline:** May, 2018

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**Social Sciences and Humanities Research Council (SSHRC) Connection Grants**

Connection Grants are expected to respond to the objectives of the Connection program. They 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 listed in SSHRC’s Funding search tool.

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 with researchers, students and non-academic partners from other countries.

**Funding Details:** $7,000 to $25,000 for events, and up to $50,000 for other outreach activities; higher amounts for outreach activities may be considered if well justified

**Additional Details**

**Notify ROADS of Intent to Apply:** March 13, 2018
**Draft Application due to ROADS:** April 10, 2018
**Final Application due to ROADS:** April 24, 2018
**Sponsor Deadline:** May 1, 2018

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

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**Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Training Experience (CREATE)**

The Collaborative Research and Training Experience (CREATE) Program supports the training of teams of highly qualified students and postdoctoral fellows from Canada and abroad through the development of innovative training programs that:
- encourage collaborative and integrative approaches, and address significant scientific challenges associated with Canada’s research priorities;
- facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

These innovative programs must foster the acquisition and development of important professional skills among students and postdoctoral fellows that complement their qualifications and technical skills and improve their job-readiness for careers in industry, government, non-governmental organizations, and/or academia.
Christopher & Dana Reeve Foundation: Quality of Life Direct Effect Grants Program

The Christopher & Dana Reeve Foundation Quality of Life Grants Program reached a major milestone in 2016, surpassing $20 million in funding to nonprofit organizations all over the United States and in 37 countries. And, thus far in 2017, the Reeve Foundation awarded 122 grants in four different programs, totaling over $1.7 million. To ensure the continued growth of the program and to clarify the vision and mission of the Quality of Life grants program created by the late Dana Reeve, a retreat was held in April 2017, convening program staff, members of the Board of Directors, and an external professional facilitator. The Reeve Foundation Quality of Life grants will continue to support the broad range of projects and activities that we have in the past; we are just changing how we do it so that we can achieve maximum impact for all. Two types of grants will be offered: Direct Effect (Tier 1) and High Impact (Tiers 2, 3, and 4).

Funding Details: The Direct Effect (Tier 1) is open-focused and will award grants of up to $15,000 to support the wide range of projects and activities of the traditional Quality of Life grants. Grants will fund specific budget items that will clearly impact individuals living with paralysis and their families, and the project must be completed within 12 months.

Additional Details
LOI Deadline: April 11, 2018
Internal HRS Deadline: April 17, 2018
Sponsor Deadline: May 1, 2018
This award is for those conducting cell and gene therapy research in the following areas:

- Technology for systemic delivery and treatment of metastatic disease that could involve novel tumor-targeted delivery vehicles (e.g. tumor-homing cells, nanoparticles and new recombinant viruses).
- Altering the tumor cell microenvironment to support the induction of anti-tumor immunity
- Identification of novel tumor targets
- Novel approaches to either protective adoptively transferred cells from metabolic changes or alter the metabolism of transferred cells.

Preference will be given to those working in solid tumors, orphan tumors or pediatric tumors, and to research not previously funded, thus highly innovative proposals.

**Funding Details:** The award provides up to a maximum of $500,000 distributed over 2-3 years

**Additional Details**

**LOI Deadline:** March 13, 2018  
**Internal HRS Deadline:** May 1, 2018  
**Sponsor Deadline:** May 15, 2018

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**Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program**

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

**Funding Details:** up to $15,000 per grant, three grants available for a one-year term.

**Additional Details**

**Sponsor Deadline:** June 1, 2018

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**Canadian Blood Services (CBS) MSM Research Grant Program**

The objective of the MSM Research Program is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM) while maintaining the safety of the blood supply. As part of this initiative, Canadian Blood Services and HémaQuébec held a two-day meeting in January 2017 with national and international stakeholders to identify research priorities for closing knowledge gaps that impact donor eligibility for MSM. In addition, a research funding competition was held in 2017. Research priorities for this competition include:

- Research to evaluate the impact of alternative risk reduction technologies on donor screening.
- Research to evaluate operational feasibility of alternative donor deferral policies and their acceptability by Canadians.
- Risk modeling and surveillance to assess the risk associated with alternative donor selection policies.
- Research to inform the development of an individual risk assessment donor policy (behavioural based) or to strengthen the existing policy (population based)

**Funding Details:** The Program will support small (up to $50,000) and large (up to $300,000) research projects that are aligned with the objective of the program as stated above and address one or more of the research priorities listed below. For the 2018 competition, the total funding available is $850,000.

**Additional Details**

**LOI Deadline:** April 15, 2018  
**Internal HRS Deadline:** June 15, 2018  
**Sponsor Deadline:** June 30, 2018
Crohn’s & Colitis Foundation: Grants
The Crohn’s & Colitis Foundation has recently announced the following funding opportunities:

1) The Litwin IBD Pioneers Initiative, the objective:
   - to support innovative clinical and translational research projects with the potential to impact the treatment of inflammatory bowel disease (IBD) patients in the near future,
   - to encourage novel research into the diagnosis, identification of clinically relevant subsets, treatments, and cures for IBD,
   - to fund innovative pilot research for scientists to test their initial ideas and generate preliminary data.

2) Senior Research Awards, the objective: to provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources.

Funding Details:

- **Litwin IBD Pioneers Initiative**: maximum $130,000 (including 10% direct costs), maximum 2 years
- **Senior Research Awards**: maximum per year $115,830 (direct costs up to $105,300 per year; indirect costs 10% of direct costs, or up to $10,530), for 1–3 years

Additional Details
LOI Deadline: May 1, 2018
Internal HRS Deadline: June 15, 2018
Sponsor Deadline: July 1, 2018

European Commission Research Projects on Personalized Medicine – Smart Combination of Pre-clinical and Clinical Research with Data and ICT Solutions
The aim of this Funding Opportunity is to fund projects showing clinical feasibility of Personalized Medicine in complex/multifactorial diseases as well as other diseases (as monogenic, rare diseases and cancer). Applicants are expected to combine pre-clinical and/or clinical research with bio-informatics components to enable data quality on one side and the potential applicability for health care providers on the other side. Proposals must be interdisciplinary and clearly demonstrate the potential impact in PM as well as the added value of transnational collaboration: sharing of resources (registries, diagnosis, biobanks, models, databases, diagnostic and bio-informatics tools, etc.), platforms/infrastructures, interoperability of data harmonization strategies and sharing of specific know-how.

Funding Details: The total amount of CIHR funds available for this Funding Opportunity is $4,087,500 CAD, enough to fund 9 grants. The maximum amount per grant is $150,000 per year for over a period of up to 3 years.

Additional Details
LOI Deadline: April 10, 2018
Internal HRS Deadline: June 21, 2018
Sponsor Deadline: July 5, 2018

Organization for Autism Research (OAR): Applied Research Competition
OAR seeks to fund studies that expand the body of knowledge related to autism intervention and treatment, produce practical and clearly objective results, have the potential to impact public policy, and provide outcomes that offer to enhance quality of life for persons with autism and their families. While applicants are always free to submit on any relevant area of research or intervention, this year, OAR is placing an emphasis on research that addresses the following targeted areas: healthcare transition, generalization of technology-based intervention, community-based intervention, residential services and supports, literacy, and sexuality education. While there is no guarantee of funding, studies that address these topics will receive additional scoring credit during the review process.

Funding Details: Researchers can apply for 1-2-year grants of up to $30,000

Additional Details
LOI Deadline: March 26, 2018
Internal HRS Deadline: July 23, 2018
Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s & Related Diseases

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

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

Additional Details

LOI Deadline: April 19, 2018
Internal HRS Deadline: July 25, 2018
Sponsor Deadline: August 8, 2018

Networks of Centres of Excellence of Canada Knowledge Mobilization (NCE-KM) Initiative Competition

The NCE-KM initiative funds networks dedicated to transferring knowledge to those who can put it into practice. It supports collaborations between knowledge producers and knowledge users from various disciplines, sectors and institutions, including industry, government, not-for-profit organizations and various sources and types of knowledge for the social, economic, technological, and/or wellness benefit of Canada and the Canadian population. Networks focus on addressing key problems, challenges and opportunities of high strategic importance to Canada.

NCE-KM networks are expected to create social and/or economic benefits through the application of evidence-based knowledge generated from research in combination with other sources and types of knowledge. The program supports networks pursuing knowledge translation along the entire spectrum: from the range of activities encompassed in knowledge mobilization (creation of activities and tools designed to put knowledge into active service, often through the establishment of new or modification of existing policies, processes and standards) to those encompassed in commercialization (the transformation of knowledge or technology into marketable goods, processes or services).

Funding Details: The total budget for this competition is currently set at $4.8M over 4 years ($1.2M/year). Successful networks will be awarded up to $400,000 per year for four years with a possible three-year renewal.

Additional Details

LOI Deadline: April 16, 2018
Internal HRS Deadline: August 21, 2018
Sponsor Deadline: September 4, 2018

*To apply, contact, Sarah McNiven-Scott, Senior Grants Advisor, Major Projects, HRS, at mcnivesb@mcmaster.ca or ext. 22871*

Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 12

The Genomic Applications Partnership Program (GAPP) funds downstream research and development (R&D) projects that address real world opportunities and challenges identified by industry, government, not-for-profits and other “Receptors” of genomics knowledge and technologies. GAPP projects are collaborations between academic researchers and Receptor organizations. They are co-funded by Receptors and other stakeholders, and have the potential to generate significant social and/or economic benefits for Canada. The GAPP aims to:

- Accelerate the application of Canadian genomics-derived solutions to real-world opportunities and challenges defined by industry and public sector Receptors.
- Channel Canada’s genomics capacity into sustainable innovations that benefit Canadians.
- Enhance the value of Canadian genomics technologies by de-risking and incentivizing follow-on investment from industry and other partners.
- Foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology receptors.

Funding Details: From $300,000 to $6M for 1 to 3 years.
**Additional Details**

**Internal HRS Deadline:** April 5, 2018

**Draft EOI due to Ontario Genomics:** April 19, 2018

**Face-to-face pitch to Ontario Genomics’ review Panel:** May 14-16, 2018

**Final EOI due to Ontario Genomics:** June 11, 2018

**Pitch to Genome Canada:** July 14 – August 3, 2018

**Draft Supplementary Proposal due to Ontario Genomics:** August 20, 2018

**Sponsor Deadline:** October 1, 2018

*Notify HRS of your intent to apply by sending an email to hsresadm@mcmaster.ca*

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**MITACS Accelerate Fellowship**

The Mitacs Accelerate Fellowship provides a long-term funding and internship option for master’s and PhD students. Recipients can also access professional development training that helps them ensure project success and gain in-demand career skills. Interested applicants can apply for the Accelerate Fellowship at any time. All other Accelerate program guidelines apply.

**Funding Details:**

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

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

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

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

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

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**Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award**

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

**Funding Details:** SFARI will support applications for maximum of $80,000, including indirect costs, for one year, non-renewable.

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OCE Voucher for Innovation and Productivity (VIP I) Program

The VIP I Program brings industry and academia together to solve industry’s innovation challenges. It helps eligible companies develop, implement and commercialize technical innovations by supporting partnerships between Ontario’s industry and publicly funded post-secondary institutions. The program supports collaborations between industry and post-secondary institutions up to 12 months in duration that lead to knowledge mobilization, commercialization and increased productivity with significant economic impact (i.e. generating new revenues and high-value jobs) for Ontario including the development of new products and/or processes, facilitate productivity improvements. Open to all disciplines, but it has to be a for-profit. Company must have been in operation for a minimum of two years, AND have a minimum of two full-time employees.

Funding Details: OCE will support up to 50% of the eligible research costs, to a maximum OCE investment of $20,000.

Additional Details
Sponsor Deadline: Ongoing
*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*

TalentEdge Internship Program (TIP)

Ontario’s TalentEdge Internship Program (TIP) provides support for current college and university students (specifically current graduate students and final year undergraduate students), and recent Masters graduates (within three years of graduation), to work on industry-driven research and development projects. Projects must have a clearly-defined R&D component, where R&D is defined by the discipline and is inclusive of all areas of specialization and disciplines. The TalentEdge Internship Program is open to students and recent graduates from across all disciplines, and all areas of specialization.

Funding Details: Each four-month internship is valued at $20,000 as follows: $10,000 contribution from OCE; $5,000 company cash contribution; $5,000 company in-kind contribution. It is possible to also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.

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

TalentEdge Fellowship Program

Ontario’s TalentEdge Fellowship Program (TFP) provides support for Ontario-based PhD graduates and post-doctoral fellows to work on industry-driven research and development projects. Companies can tap into world-class talent coming out of Ontario’s publicly-funded post-secondary institutions and strengthen their capacity to develop new products, services, and processes.

Funding Details: Each 12-month fellowship is valued at $85,000 as follows

- $35,000 contribution from OCE
- $25,000 company cash contribution
- $25,000 company in-kind contribution
**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

**MITACS Globalink Partnership Award**
The Mitacs Globalink Partnership Award supports research collaborations between graduate students at Canadian universities and international industry partners. The award is open to graduate students in all disciplines at Mitacs Full, Associate and Honorary Partner universities and for-profit companies in any country (except the United States).

**Funding Details**: A $15,000 CAD research grant in the Canadian professor’s name to support student travel and accommodation expenses, research-related expenses, and student stipend.

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**Additional Details**

**Sponsor Deadline**: Ongoing

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