**Health Research Services (HRS) can help facilitate a stronger CIHR Project submission**

Health Research Services (HRS) currently provides a comprehensive review for those who submit for the early review deadline with a more personalized approach meant to target strategic areas of your submission. The early review is set 2 weeks ahead of the university-wide mandatory internal review deadline to afford the HRS Advisors time to liaise with researchers through the finalized stages of preparing their submission. HRS can also direct faculty to other available departmental resources, where applicable, to provide an additional layer of review to strengthen grant submissions.

In a further effort to assist the FHS community in implementing shared strategies and known successes for application preparation, a CIHR PROJECT TIP SHEET has been developed (attached). It contains valuable information on both required and suggested measures for increased visual appeal for reviewers, leading to a more positive review environment in which your submission will be adjudicated.

**START EARLY!** It is highly recommended that faculty submit early and avoid the last minute review in the week leading up to the FINAL CIHR Project application deadline. Contact HRS by emailing HRS intake at: hsresadm@mcmaster.ca and connecting with an HRS Advisor.

Register for CHIR Project 2020-03 on ResearchNET (RNet) no later than 8 pm on WED FEB 5, 2020.

Note that REGISTRATION IS MANDATORY if you plan on submitting a full PROJECT application for Wednesday, March 4, 2020.

You are encouraged to complete materials on ResearchNet (RNet) and hit submit for FULL EARLY review by Monday February 10.

McMaster’s INTERNAL review deadline for PROJECT 20-03 has been set for Monday February 24 by 12:00 noon. CIHR Project 2020-03 Link: Click HERE

### New Frontiers in Research Fund (NFRF) 2020 Transformation Stream

**NOI (Notice of Intent - Mandatory)**

<table>
<thead>
<tr>
<th>Internal Deadline:</th>
<th>By February 10</th>
<th>Applicant submits draft NOI to HRS via Convergence Portal (12 noon deadline)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUE/SUBMITTED:</td>
<td>February 18</td>
<td>HRS forwards NOI to TIPS</td>
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**LOI Stage**

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<tr>
<th>OPENS:</th>
<th>February 25</th>
<th>Convergence Portal opens for LOI</th>
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<tbody>
<tr>
<td>Internal Deadline:</td>
<td>By March 16</td>
<td>Applicant submits draft LOI by email to HRS for INTERNAL review</td>
</tr>
<tr>
<td><strong>ONLINE</strong> Deadline:</td>
<td>April 7</td>
<td>Applicant submits final draft of LOI to HRS via Convergence Portal (12 noon)</td>
</tr>
<tr>
<td>DUE/SUBMITTED:</td>
<td>April 15</td>
<td>HRS forwards LOI to TIPS</td>
</tr>
</tbody>
</table>

Additional NFRF Transformation 2020 competitions details can be found here.

For specific questions email NFRF-FNFR@chairs-chaires.gc.ca
Protein Biomarker Research Symposia in Ontario

Olink Proteomics is delighted to be able to announce the first protein biomarker research symposia to be arranged by Olink in Canada. These events, co-hosted by Dr. Guillaume Paré and Dr. Eleftherios Diamandis, will be held in Ontario:

Hamilton – February 4, 2020
Toronto – February 5, 2020

These symposia will give you the opportunity to learn more about how Olink’s innovative biomarker discovery platform is used by your colleagues in the region across a broad range of diseases to address many key biological questions. The preliminary speaker list, so far, includes Guillaume Paré (cardiology & epidemiology), Eleftherios Diamandis (ovarian cancer) and Ken Croitoru (Inflammatory bowel disease), with more details available closer to the events.

The symposia will be free to attend, but for logistical purposes, registration is required. For more information, and to register, please VISIT THE EVENT PAGE.

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

NSERC’s Collaborative Research and Training Experience (CREATE) program awards grants of up to $1.65M over 6 years for the development of innovative training programs designed to enhance collaboration and facilitate the transition of trainees to productive employees in the Canadian workforce. In preparation for the next CREATE competition, NSERC will hold an information session via Cisco Webex webinar to provide an overview of the CREATE program and application process. Registration is not necessary – anyone can connect using the link provided below. The dates of the sessions are as follows:

English session:  February 6th 2020, 1:00 p.m. to 3:00 p.m. (ET)
French session:  February 7th 2020, 12:30 p.m. to 2:30 p.m. (ET)


Join by phone
1-844-426-4405 Canada Toll Free
+1-613-714-9906 Canada Toll (in Ottawa area) Access code: 641 359 231

Please send any questions regarding the CREATE program and/or the application process to Nathan Coschi (coschimn@mcmaster.ca) who will relay the questions to NSERC in advance so that they may be addressed in the webinar.

CIHR Observer Program for Early Career Researchers (ECRs)

CIHR is once again offering the Observer program for early career researchers (ECRs) to participate in the peer review process for the Project Grant: Spring 2020 competition.  This is a great opportunity to get an insider view on the peer review process.

To be eligible to participate in this Observer program, the ECR must be within 60 months of their first independent appointment, as of the application deadline of the Project Grant competition, March 4, 2020.  This program is designed as an opportunity for ECRs to observe face-to-face peer review committee meetings and gain valuable insights on the review process. This is a terrific opportunity to get involved with peer review at CIHR and see what goes on behind the scenes.

Please note:  ECRs who previously participated in the Observer program for a Project Grant competition are not eligible to participate.  All ECRs who have submitted applications to past CIHR Observer programs are required to re-submit an application to be considered in Spring 2020. If there are more than two candidates for a single committee, a lottery approach will be used to select the final candidates. All those McMaster ECR who have previously participated have indicated that they have benefited. This is a very popular program, and by application only; submit by the deadline of February 13, 2020.

Interested applicants will require an institutional letter of support. The full details are available on CIHR’s website.
Ontario is Looking for Innovative Ideas on How to Help Reduce Poverty

TORONTO — The Ontario government wants to hear from people across the province about what they want to see in the next poverty reduction strategy.

“Empowering people and supporting them during challenging times is a priority for our government. We also know we cannot do this work alone,” said Todd Smith, Minister of Children, Community and Social Services. “It’s important we listen to people who have experienced poverty, community organizations, Indigenous communities and organizations, and our partners about how we can break the cycle of poverty to ensure everyone has a chance to succeed and contribute to their community.”

Every five years, Ontario consults on and develops a new Poverty Reduction Strategy to identify opportunities for action and collaboration with partners and to measure and report on progress more effectively. The goal of this consultation is to help drive actions to reduce poverty by setting a specific and realistic target, as well as prioritizing actions and initiatives across sectors and at all government levels to help lift Ontarians out of poverty.

To inform the new Strategy, the government will be asking Ontario residents how we can encourage job creation and connect people to employment; provide people with the right supports and services; and lower the cost of living and make life more affordable.

Organizations and individuals can provide written submissions to prso@ontario.ca beginning today. An online survey will be posted on Ontario.ca in January 2020 for approximately 60 days where organizations and individuals are encouraged to submit feedback.

Ontario Brain Institute – Public Talks: The F-Words: Finding the Ability in Disability

No one likes to be defined by an illness, disorder or disability. Built upon the World Health Organization’s International Classification of Functioning, Disability and Health, CanChild’s F-words (Favourite-words) encourage people to change their perspectives towards a disability. By emphasizing six key F-words in child development, we can shift our attention to focus on abilities and potential rather than on disabilities.

Wednesday, February 19, 2020
6:30 to 7:30 PM

Sheraton Hamilton Hotel
116 King St W, Hamilton, ON L8P 4V3
Center East Ballroom

Free Registration here

Mitacs – leveraging partner funds to source funds for trainees

While the MITACS program has been around a long time, it has undergone some significant changes to both programs and structure, and it is an underutilized source for funding trainee experiences. Consider leverage your existing partnered funding to apply for added funds for trainee management, travel and collaborative programs. Ongoing applications, simplified submission procedures, and high success rates!

- Eligible partners include companies (anywhere in the world!) and not-for-profits (Canada)
- Get funding for projects big or small (4 months to 4 years or longer)
- Funding includes both stipends and research expenses

Connect with MITACS specialist Ryan Caldwell, rcaldwell@mitacs.ca located at McMaster Industry Liaison Office (MILO). https://www.mitacs.ca/en/programs
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<td><em>NEW</em> CIHR – Planning and Dissemination Grants – ICS</td>
<td>Mar 3</td>
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<td>CIHR – Team Grant: Netherlands-Canada Type 2 Diabetes Research Consortium</td>
<td>Feb 25</td>
<td>Mar 10</td>
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<tr>
<td>CIHR – Health System Impact Fellowship</td>
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<tr>
<td><em>NEW</em> CIHR – Operating Grant: New Investigator Grants in Child and Youth Health (2020)</td>
<td>Apr 6</td>
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<td><em>NEW</em> CIHR – Catalyst Grant: Cannabis and Mental Health</td>
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<tr>
<td>CIHR – Team Grant: Canada-EU Smart Living Environments – Transitions in Care</td>
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<tr>
<td><em>NEW</em> CIHR – Team Grant: European Research Projects of Neuroscience (2020)</td>
<td>Apr 14</td>
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<tr>
<td><em>NEW</em> CIHR – Team Grant: GACD Primary and Secondary Prevention of Cancer</td>
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<tr>
<td><em>NEW</em> CIHR – SPOR SUPPORT Unit Phase II</td>
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<tr>
<td><em>NEW</em> CIHR – Operating Grant: ECIs in Maternal, Reproductive, Child &amp; Youth Health (2020)</td>
<td>Apr 7</td>
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<td>May 19</td>
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<tr>
<td><em>NEW</em> CIHR – Catalyst Grant: Health Effects of Vaping</td>
<td>Mar 25</td>
<td>May 6</td>
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<tr>
<td>CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND)</td>
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<tr>
<th>Funding Opportunity (Non-CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
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<tbody>
<tr>
<td>Hereditary Disease Foundation: Basic Research Grants Program</td>
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<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Training Experience (CREATE)</td>
<td>NOI to ROADS by Feb 3 2020</td>
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<tr>
<td>Social Sciences and Humanities Research Council (SSHRC) Partnership Grants – Stage 1</td>
<td>Feb 6 to ROADS</td>
<td>Feb 14</td>
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<tr>
<td>Ontario Human Capital Research and Innovation Fund (OHCRIF) Call for Proposals</td>
<td>Feb 3</td>
<td>Feb 17</td>
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<tr>
<td>2019 CDTRP Research Innovation Grant Competition</td>
<td>Feb 5</td>
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<tr>
<td>MERIT Academic Mentorship Research Starter Fund</td>
<td>Feb 10</td>
<td>Feb 24</td>
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<tr>
<td>MINDS Collaborative Networks for Fiscal year 2020-2021</td>
<td>Feb 11</td>
<td>Feb 25</td>
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<tr>
<td>Multiple Sclerosis Society of Canada: AI &amp; MS Discovery Grant</td>
<td>Feb 13</td>
<td>Feb 27</td>
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<tr>
<td>Cures Within Reach ReGROW: Repurposing Research for the Rest of the World</td>
<td>Feb 14</td>
<td>Mar 1</td>
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</tbody>
</table>
| Kidney Foundation of Canada’s 2020 Allied health Kidney Research Grant and Doctoral Fellowship Competition | Feb 14       | Mar 1                 | 11.
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<thead>
<tr>
<th>Grant Program</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
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<tbody>
<tr>
<td>The Glaucoma Foundation: Grant Research Program</td>
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<td>Mar 6</td>
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<tr>
<td>Cures Within Reach Meniere’s Disease: Clinical Repurposing Research Projects</td>
<td>Feb 24</td>
<td>Mar 9</td>
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<tr>
<td>Cures Within Reach Meniere’s Disease: Pre-Clinical Repurposing Research Projects</td>
<td>Feb 24</td>
<td>Mar 9</td>
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<tr>
<td>Brain Canada Foundation Platform Support Grant Program</td>
<td>Feb 4</td>
<td>Feb 24</td>
<td>Mar 10</td>
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<tr>
<td>Social Sciences and Humanities Research Council (SSHRC) Horizon 2020 Migration Call Horizon 2020 Migration Call</td>
<td>ASAP to ROADS</td>
<td>Mar 5 to ROADS</td>
<td>Mar 12</td>
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<tr>
<td>John C. Sibley 2020 Award for Excellence in Education for Part Time Faculty</td>
<td>n/a</td>
<td>Mar 20</td>
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<tr>
<td>The Stem Cell Network (SCN) National Research Competition</td>
<td>Mar 18</td>
<td>Apr 1</td>
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<tr>
<td>MERIT Faculty of Health Sciences Education Scholarship Fund</td>
<td>Feb 2</td>
<td>Apr 17</td>
<td>May 1</td>
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<tr>
<td><em>NEW</em> Natural Sciences and Engineering Research Council of Canada (NSERC) Science Communication Skills Grant (pilot)</td>
<td>Mar 27 to ROADS</td>
<td>May 11 to ROADS</td>
<td>May 15</td>
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<tr>
<td><em>NEW</em> Weston Brain Institute International Outstanding Achievement Award 2020</td>
<td></td>
<td>May 14</td>
<td>May 28</td>
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<tr>
<td>Canadian Cancer Society: Emerging Scholar Award</td>
<td>Feb 5</td>
<td>Jun 16</td>
<td>Jun 30</td>
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<tr>
<td><em>NEW</em> Weston Brain Institute: Rapid Response and Transformational Research: Canada 2020 Parkinson’s &amp; Related Diseases</td>
<td>Apr 30</td>
<td>Sep 8</td>
<td>Sep 22</td>
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<tr>
<td>New Frontiers in Research Fund (NFRF) 2020 Transformation Stream</td>
<td>Feb 18</td>
<td>Nov 4</td>
<td>Nov 18</td>
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<tr>
<td>National Multiple Sclerosis Society: Pilot Research Grants</td>
<td>Ongoing</td>
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<tr>
<td>Alex’s Lemonade Stand: RUNX1 Early Career Investigator Grant</td>
<td>Ongoing</td>
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<tr>
<td>Canadian Cancer Society: Junior Investigator Grant Panel Travel Award</td>
<td>Ongoing</td>
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<tr>
<td>Cancer Research Society: Translational Research Partnership Program</td>
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<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Canadian Longitudinal Study on Aging (CLSA): Call for Proposals</td>
<td>Feb 12/Jan 17/Oct 7</td>
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<td>MIRA</td>
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<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities</td>
<td>Ongoing</td>
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<td>MIRA</td>
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<tr>
<td>Mitacs Accelerate Fellowship</td>
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<tr>
<td>Weston Brain Institute: Big Ideas</td>
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<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
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<tr>
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<td>MILO</td>
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<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC), Alliance Grants</td>
<td>Ongoing</td>
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<td>MILO</td>
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<tr>
<td>Funding Opportunity (DoD) (eBRAP account required – must be validated by McMaster prior to any submission)</td>
<td>LOI Deadline</td>
<td>Internal HRS Deadline</td>
<td>Sponsor Deadline</td>
</tr>
<tr>
<td>Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2020</td>
<td>Mar 12/13</td>
<td>Mar 19/Jan 10</td>
<td>Mar 26/Jan 24</td>
</tr>
<tr>
<td>Department of Defense Amyotrophic Lateral Sclerosis Research Program (ALSRP) Funding Opportunities for Fiscal Year 2020</td>
<td>Mar 27</td>
<td>Jul 9</td>
<td>Jul 23</td>
</tr>
</tbody>
</table>
CIHR – Project Grant: Spring 2020

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 or programs of research proposed and conducted by individual researchers or groups of researchers in all areas of health. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

CIHR Research Priority Areas

- Antimicrobial Resistance
- Epigenetics/epigenomics in human health or disease
- Genetics: Research Priorities (Bridge Funding)
- Health Services and Policy Research
- HIV/AIDS
- Human Development, Child and Youth Health - Bridge Grants
- Infection and Immunity
- Institute of Aging
- Maud Menten New Principal Investigator Prizes in Genetics (2020)
- Musculoskeletal, Arthritis, Skin and Oral Health
- Neurosciences, Mental Health and Addiction
- Nutrition, Metabolism and Diabetes (Bridge Funding)
- Patient-Oriented Research
- Prize: Early Career Investigator in Cancer
- Sex, Gender and Health Research - Integration and Innovation
- The Bhagirath Singh Early Career Award in Infection and Immunity

Funding Details: The total amount available for Fall 2019 and Spring 2020 Project Grant competitions is $550M

Additional Details
LOI Deadline: February 5, 2020
Internal HRS Early Deadline for Full Review: February 10, 2020 12:00pm
Internal HRS Deadline: February 24, 2020 12:00 pm on RNet
Sponsor Deadline: March 4, 2020

CIHR – Travel Awards – Institute Community Support (Winter 2020)

The ICS Travel Awards Funding Opportunity is expected:

- To provide travel funds to individuals in aid of research and knowledge translation activities consistent with the CIHR Initiative’s priorities or CIHR Institutes’ vision, mandate and strategic directions. In addition to this overarching objective, each participating Institute/Initiative has their own relevant Research Areas, outlined in the Sponsor Description section of this funding opportunity.

Funding Details: The total amount available for this funding opportunity is $391,000, enough to fund approximately 205 awards.

Additional Details
Internal HRS Deadline: February 20, 2020
Sponsor Deadline: March 5, 2020

CIHR – Summer Program in Aging

The Summer Program in Aging (SPA) is the Institute of Aging’s (IA) flagship training program. It is a five-day training program with the aim of providing graduate students and postdoctoral fellows involved in aging research with a program of advanced training that crosses disciplines, sectors, institutions, and geography. The program brings together approximately 40 research trainees and numerous academic mentors in order to participate in interactive learning sessions. The focus of SPA 2020 is on longitudinal studies in aging and will be hosted by Dr. Parminder Raina, Professor in the Department of Health Research Methods, Evidence, and Impact at McMaster University, Scientific Director of the McMaster Institute for Research on Aging. The Summer Program in Aging (SPA) 2020 will provide graduate students and post-doctoral fellows interested in longitudinal studies in aging an advanced training program that crosses disciplines, institutions and geographical boundaries.
Funding Details: The total amount available for this funding opportunity is $40,000 enough to fund approximately 40 awards.

Additional Details
Internal HRS Deadline: February 27, 2020
Sponsor Deadline: March 12, 2020

**CIHR – Planning and Dissemination Grants – ICS**
The specific objectives of this funding opportunity are:

- to support planning activities, partnership development and to increase understanding of the health research landscape that will contribute to the advancement of research consistent with the mandate of CIHR; and
- to support dissemination events and activities that focus on the communication of health research evidence to the appropriate researcher or knowledge-user audiences, tailoring the message and medium as appropriate.

Funding Details: The total amount available for this funding opportunity is $1,528,500, enough to fund approximately 92 grants.

Additional Details
Internal HRS Deadline: March 3, 2020
Sponsor Deadline: March 17, 2020

**CIHR – Operating Grant: Health System Impact Fellowship – National Cohort Retreat**
The specific objectives of this funding opportunity are to:

- Fund a host (or consortium of hosts) to develop, implement and evaluate an annual NCR for the HSI Fellowship program in the fall of 2020 and the fall of 2021 that achieves the three core NCR objectives:
- Support HSI Fellows and their health system and academic supervisors to embark on successful, rewarding and impactful embedded fellowships.
- Foster interaction, exchange, and opportunities for collaboration among the fellows, the health system supervisors, and the academic supervisors from across the cohorts.
- Provide fellows and supervisors with training and learning opportunities in the enriched core competencies.
- Facilitate a high-quality learning environment that offers participants from across HSI Fellowship cohorts the opportunity to connect, learn, and collaborate to advance Canada’s progress towards a learning health system that harnesses the full talents of PhD-trained individuals for continuous health system improvement.
- Catalyze the development of open-access training content and materials focused on the enriched core competencies for health services and policy research that can be adapted and integrated into curricula for trainees at IHSPR and related doctoral training programs.

Funding Details: The total amount available for this funding opportunity is $200,000, enough to fund one grant for up to 2 years.

Additional Details
Internal HRS Deadline: March 6, 2020
Sponsor Deadline: March 20, 2020

**CIHR – Team Grant: Netherlands-Canada Type 2 Diabetes Research Consortium**
The specific objectives of this funding opportunity are:

- to support research and development with a considerable economic and societal impact that:
- focuses on prevention, reversal or remission of type 2 diabetes or pre-diabetes;
- improves the quality of life for individuals with type 2 diabetes and their families;
- leads to sustainable collaborations between Dutch and Canadian type 2 diabetes researchers and Canadian type 2 diabetes researchers and for-profit private parties and other private parties.

Funding Details: The total amount available for this funding opportunity is approximately $5,715,096 CAD, enough to fund one Netherlands-Canada Type 2 Diabetes Research Consortium grant.

Additional Details
LOI Deadline: February 25, 2020
**CIHR – Health System Impact Fellowship**
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 university 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 in academic and applied health system settings; and
- 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:** The total amount available for this funding opportunity from CIHR is $3,090,500 enough to fund approximately 40 awards.

**Additional Details**

Internal HRS Deadline: March 18, 2020
Sponsor Deadline: April 1, 2020

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**CIHR – Operating Grant: New Investigator Grants in Child and Youth Health (2020)**
The specific objective of this funding opportunity is:

- To provide important early career development support to child health researchers and enhance their ability to compete for future research grants.

**Funding Details:** The total amount available for this funding opportunity is $1,800,000, enough to fund approximately six (6) grants.

**Additional Details**

Internal HRS Deadline: April 6, 2020
Sponsor Deadline: April 20, 2020

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**CIHR – Catalyst Grant: Cannabis and Mental Health**
The specific objectives of this funding opportunity are:

- Generate preliminary observations, data or knowledge regarding the potential benefits and/or harms of cannabis and/or cannabis use in relation to mental health.
- Centre the lived experience of people with mental illness, who use cannabis to create research designs and outcomes meaningful for people with lived experience.
- Support community-based, population-specific research, using qualitative and/or mixed methods, ensuring projects are grounded in the social determinants of health.
- Facilitate consideration and application of new evidence to inform ongoing and future development of policies, practices and programs related to cannabis and mental health.
- Connect to existing knowledge translation efforts across Canada, for example through the Mental Health Commission of Canada, the Canadian Centre on Substance Use and Addiction, and/or the Centre for Addiction and Mental Health.

**Funding Details:** The total amount available for this funding opportunity is $1,265,000, enough to fund approximately eleven (11) grants.

**Additional Details**

LOI Deadline: March 20, 2020
Internal HRS Deadline: April 7, 2020
Sponsor Deadline: April 21, 2020
The Canada-EU Smart Living Environments Addressing Transitions in Care for Ageing People is expected to:

- Develop and implement smart living environments that address transitions in care challenges for ageing people through acceptable Information and Communications Technology (ICT)-based solutions;
- Improve health outcomes, patient experience, effectiveness, and lower the cost of care within one (1) or more of the identified research areas related to ageing people through identifying, evaluating and implementing acceptable, evidence-based and effective smart living environments;
- Build novel multi-disciplinary and trans-disciplinary collaborations and partnerships with individuals and organizations in Canada and in the EU 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; and
- Demonstrate the capability to progress beyond prototype stage for smart living environment solutions into a care delivery program(s) for pragmatic evaluation.

Funding Details:

- The total amount available to the Canadian component of the team from CIHR for this funding opportunity is $1,920,000 CAD, enough to fund up to two (2) grants. This amount may increase if additional funding partners participate. The maximum CIHR amount per grant is $240,000 CAD per year for up to four (4) years for a total of $960,000 CAD per grant.
- Canadian applicants must secure, by the application deadline, partnership contributions equivalent to a minimum of 30% of the total grant amount requested, with a minimum of half (15% contribution) of the amount representing a cash contribution (i.e., a total of $288,000 CAD partner match is required per grant with a minimum of $144,000 CAD as a cash contribution per grant). See Additional Information for more details on Types of Eligible Partner Funding.

Additional Details
Internal HRS Deadline: April 8, 2020
Sponsor Deadline: April 22, 2020

The specific objective of this funding opportunity is:

- to facilitate multinational, collaborative research projects that will address important questions regarding ethical, philosophical, legal and socio-cultural aspects related to neuroscientific research and recent advances.

Funding Details: The total amount available to Canadian researchers from CIHR and FRQS is up to $550,000 CAD, enough to fund up to 3 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
Internal HRS Deadline: April 14, 2020
Sponsor Deadline: April 28, 2020

The specific objectives of this funding opportunity are:

- To support implementation research teams that actively engage partners (i.e., Indigenous Peoples, community groups, decision makers and service delivery partners) as an integral part of the entire research process;
- To enhance evidence regarding the adaptation and successful implementation of evidence-based interventions (including cost-effectiveness) for the prevention and/or early diagnosis of cancer in LMICs and/or in Indigenous populations in Canada;
- To increase understanding of key barriers and facilitators (including contextual factors such as culture, governance, health systems) to cancer prevention and/or early diagnosis at local, national and/or international levels.
- To foster the incorporation of interventions into local, regional or national health policy, including their scale-up and sustainability, with a focus on equitable outcomes.

Funding Details: The total amount available for this funding opportunity is $4,000,000, enough to fund approximately 2 grants.

Additional Details
Pre-Proposal to CIHR Deadline: February 25, 2020
Internal HRS Deadline: April 16, 2020
Full Proposal to GACD Deadline: April 30, 2020
CIHR – SPOR SUPPORT Unit Phase II
This funding opportunity is expected to:

- Bridge the gap between research evidence and health care practice by providing services to generate evidence and innovations, leading to improvements in patient health, health care and service delivery by:
  - Providing support services to respond to patient-oriented research needs of jurisdictional stakeholders;
  - Strengthening and maintaining Canadian capacity in Patient-Oriented Research; and
  - Engaging stakeholders (e.g. patients, policy makers, health care decision makers, clinicians and researchers) as active partners in both patient-oriented research and the implementation of its results into improved health care for Canadians.

Funding Details: The total amount available from CIHR for this funding opportunity is $115,400,412.

Additional Details
Internal HRS Deadline: April 20, 2020
Sponsor Deadline: May 4, 2020

CIHR – Operating Grant: ECIs in Maternal, Reproductive, Child & Youth Health (2020)
The specific objectives of this funding opportunity are:

- To support early career investigators in initiating and conducting independent research in the area of maternal, reproductive, child and youth health with the goal of building research capacity in this important health research area.
- To generate new knowledge that will contribute to improving maternal, reproductive, child and youth health outcomes, as well as increasing our understanding of the challenges, needs and current gaps in this research area.
- To facilitate knowledge exchange and translation between early career researchers and other stakeholders in maternal, reproductive, child and youth health.

Funding Details: The total amount available for this funding opportunity is $735,000, enough to fund approximately 7 grants.

Additional Details
LOI Deadline: April 7, 2020
Internal HRS Deadline: May 5, 2020
Sponsor Deadline: May 19, 2020

CIHR- Catalyst Grant: Health Effects of Vaping
The specific objective of this funding opportunity is to generate research evidence using rigorous methodologies and to build relevant capacity in key research areas related to vaping in both youth and adults by:

- Generating preliminary observations, data or knowledge;
- Supporting projects which have the potential to generate high impact results and/or innovative research proposals; and
- Facilitating consideration and application of new evidence to inform ongoing and future development of policies, practices and programs related to vaping.

Funding Details: The total amount available for this funding opportunity is $2,700,000, enough to fund approximately 27 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $100,000 per year for up to 1 year.

Additional Details
LOI Deadline: March 25, 2020
Internal HRS Deadline: May 6, 2020
Sponsor Deadline: May 20, 2020

CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND)
The goal of this joint transnational call is to promote research aiming at the development of novel and the advanced use of existing cutting-edge imaging and brain stimulation technologies related to neurodegenerative diseases. Proposals to be funded under this call will need adequately to involve patients, caregivers and the public. Consortia are expected to make every effort to include approaches on Patient and Public Involvement, where appropriate, at each stage of the research process including the preparation of the application.
**Funding Details:** The total amount available for the Canadian component of this funding opportunity is CAD $666,000, enough to fund approximately 2 grants.

**Additional Details**

**LOI Deadline:** March 3, 2020  
**Internal HRS Deadline:** June 23, 2020  
**Sponsor Deadline:** July 7, 2020

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**Hereditary Disease Foundation: Basic Research Grants Program**

The Hereditary Disease Foundation is currently accepting Letters of Intent (LOIs) for Grants and Postdoctoral Fellowships – see application form below. The HDF provides funding for research that advances the discovery and development of treatments and a cure for Huntington’s disease and other brain diseases. The process of applying for funding for either the Basic Research Grants Program or the Postdoctoral Fellowship Program starts with an applicant’s submission of a Letter of Intent. Use the form below to submit a Letter of Intent to the Hereditary Disease Foundation.

**Funding Details:** Grants are up to $75,000 for one year for salary, supplies, equipment and benefits.

**Additional Details**

**LOI Deadline:** February 1, 2020  
**Internal HRS Deadline:** April 1, 2020  
**Sponsor Deadline:** April 15, 2020

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

The 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, and
- facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

These innovative programs must include the acquisition and development of important professional skills among students and postdoctoral fellows that complement their qualifications and technical skills.

In addition, training programs should encourage the following as appropriate:

- student mobility nationally or internationally between individual universities and between universities and other sectors
- interdisciplinary research within the natural sciences and engineering (NSE), or at the interface between the NSE and health, or the social sciences and humanities (the main focus of the training must still lie within the NSE)
- increased collaboration between industry and academia
- for the industrial stream, an additional objective is to support improved job-readiness within the industrial sector by exposing participants to the specific challenges of this sector and training people with the skills identified by industry.

The training initiative should be focused on providing a value-added experience to the university training environment to better prepare research trainees for their future careers in industry, government or academia.

**Funding Details:** The total funding for successful applicants is $1.65 million over 6 years. Applicants may request a minimum of $100K to a max of $200K in Year 1 and a min of $250K to a max of $350K in years 2 to 6 as long as the total over six years remains at $1.65M.

**Additional Details**

**Notify ROADS of Intent to Apply:** February 3, 2020  
**Letter of Intent Due to ROADS:** March 18, 2020 (Internal competition)  
**LOI Deadline:** May 1, 2020  
**Sponsor Deadline:** September 22, 2020 (By invitation only)

*To Apply, Contact Nathan Coschi, Senior Advisor, Development, ROADS at coschimn@mcmaster.ca or extension 21581*
Social Sciences and Humanities Research Council (SSHRC) Partnership Grants – Stage 1
Partnership Grants are expected to respond to the objectives of the Insight and/or the Connection program. Proposals exclusively for partnered research training initiatives are expected to respond, instead, to the objectives of the Talent program.

Funding Details:
- Stage 1: Applications successful at Stage 1 are valued at up to $20,000. These funds help applicants successful in Stage 1 to prepare for the Stage 2 application, that is, to further refine the question(s) to be addressed; to establish partnership arrangements, governance structure and/or approach/methodology; and to consolidate their collaborative activities.
- Stage 2 (by invitation only): Partnership Grants are valued at up to $500,000 per year over four to seven years, up to a total of $2,500,000.

Additional Details
Notify ROADS of Intent to Apply: December 6, 2019
Draft Application Due to ROADS: January 2, 2020
Final Application Due to ROADS: February 6, 2020
Sponsor Deadline: February 14, 2020
*To Apply, Contact Pamela McIntyre, Assistant Director, Development, ROADS at mcintyp@mcmaster.ca or extension 23713*

Ontario Human Capital Research and Innovation Fund (OHCRIF) Call for Proposals
The primary goal of the Ontario Human Capital Research and Innovation Fund (OHCRIF) is to support research and innovation projects that identify better ways to help people prepare for, return to or keep employment and become productive participants in the labour force. OHCRIF will fund research to enhance the evidence base for workforce development strategies, ideas and approaches to support the positive participation of Ontarians in the labour market to help them better plan for and respond to the needs of employers.

Funding Details: The total available funding is $1.5 million.

Additional Details
Internal HRS Deadline: February 3, 2020
Sponsor Deadline: February 17, 2020

2019 CDTRP Research Innovation Grant Competition
The primary objective of the CDTRP Research Innovation Grant competition is to support new peer-reviewed pilot research projects that align with CDTRP’s One-Transplant-for-Life vision, which is to fulfill every donor opportunity and turn transplant into a cure. These projects must be new stand-alone studies that align with one of the 5 Themes of the CDTRP and should be used to generate preliminary data to support further investigation. The 5 CDTRP Themes are:
- Create a culture of donation
- Inform universal practices for donation
- Engineer and allocate a better graft
- Tailor an optimal immune system for each patient
- Restore long-term health

Grant recipients are expected to integrate their proposed study within the CDTRP research structure.

Funding Details: The total value of the competition is $420,000 and each grant is a total of $30,000 CDN each, enough to support 14 grants.

Additional Details
Internal HRS Deadline: February 5, 2020
Sponsor Deadline: February 19, 2020

MERIT Academic Mentorship Research Starter Fund
The purpose of the Academic Mentorship Research Starter Fund is to encourage and provide initial support for research exploring academic mentorship. Priority will be given to proposals that address equity, diversity and inclusivity via academic mentorship.
MINDS Collaborative Networks for Fiscal year 2020-2021

Through the establishment of Collaborative Networks, MINDS will increase and diversify research on defence and security issues in Canada. Defence seeks multi-disciplinary research networks with diverse groups of experts from across Canada and internationally, to work together on specific defence policy challenges. Funding will be provided for three years, allowing for more in-depth and nuanced analysis of key issues.

Funding Details: Funding will be provided for three years.

Multiple Sclerosis Society of Canada: AI & MS Discovery Grant

The Multiple Sclerosis Society of Canada is pleased to announce a research funding opportunity aimed at improving treatment and prognosis of people living with multiple sclerosis using artificial intelligence (AI). Through this call for proposals, the Multiple Sclerosis Society of Canada is seeking transformative ideas that leverage existing data sets of clinical and patient data and the power of artificial intelligence (AI) methodologies and approaches to support the development of a clinical decision support tool capable of optimizing and informing treatment plans for those living with MS.

Funding Details: Maximum $1,000,000 for a maximum of 3 years

Cures Within Reach ReGRoW: Repurposing Research for the Rest of the World

This Request for Proposals (RFP) is for the Cures Within Reach ReGRoW Pilot, to provide repurposing research grants to researchers and clinicians in low and lower-middle income countries (LMICs), as defined by the World Bank (see https://data.worldbank.org/products/wdimaps). Repurposing research tests already approved and readily available medicines to determine if they are safe and effective in treating a different indication, thereby improving patient outcomes and quality of life. Repurposed medicines must be deemed safe and approved for human use by some regulatory agency, such as the US Food and Drug Administration, European Medicines Agency, Health Canada or Japan’s Pharmaceuticals and Medical Devices Agency.

Funding Details: Between $25,000 and $50,000

Kidney Foundation of Canada’s 2020 Allied Health Kidney Research Grant and Doctoral Fellowship Competition

Applications for the 2020 Allied Health Kidney Research Grant and Doctoral Fellowship Competition must be completed via the online application system proposalCENTRAL www.proposalCentral.com. Please allow extra time to review the system before the deadline of March 01, 2020. To apply through this site, you will have to set up a profile, and then search for “Kidney” under “Grant Opportunities” and fill out the Allied Health Kidney Research Grant or the Doctoral Fellowship application.

Funding Details: $120,000 over two years to a maximum of $60,000 per year.
**The Glaucoma Foundation: Grant Research Program**

The Glaucoma Foundation offers grants to researchers striving to improve the lives of glaucoma patients through novel innovations and scientific advances. The area of current focus for TGF’s Grant Research program is exfoliation syndrome and exfoliation glaucoma.

**Funding Details:** Initial grant funding for a one-year period is for up to $60,000

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**Cures Within Reach Meniere’s Disease: Clinical Repurposing Research Projects**

This Request for Proposals from Cures Within Reach is seeking repurposed treatments to address Meniere's disease (MD), with up to $100,000 available in total funding. We are interested in generic or proprietary drugs, devices, nutraceuticals or diagnostics that could be repurposed to create "new" treatments to 1) reduce the symptoms, progression or incidence for MD; 2) restore function lost to MD; or 3) to reduce or eliminate severe side effects of currently used therapies for MD, thereby improving patient outcomes and quality of life. Repurposing research tests already approved and readily available medicines to determine if they are safe and effective in treating a different indication, thereby improving patient outcomes and quality of life.

**Funding Details:** up to $100,000

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**Cures Within Reach Meniere’s Disease: Pre-Clinical Repurposing Research Projects**

This Request for Proposals from Cures Within Reach is seeking preclinical repurposing research projects to address Meniere's disease (MD), with up to $50,000 available in total funding. We are interested in research testing generic or proprietary drugs, devices, nutraceuticals or diagnostics that could ultimately be repurposed in the clinic to create "new" treatments to 1) reduce the symptoms, progression or incidence for MD; 2) restore function lost to MD; or 3) to reduce or eliminate severe side effects of currently used therapies for MD, thereby improving patient outcomes and quality of life.

**Funding Details:** up to $50,000

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**Brain Canada Foundation Platform Support Grant Program**

Central to PSG is the concept of added value: support from Brain Canada and sponsors must result in at least one of the following outcomes:

- Improvement in operations and capabilities of existing platforms such that research is facilitated and/or accelerated.
- Access to specialized technology or integration and coordination of existing infrastructure such that quality is improved and more widely accessible.
- Creation of new data pools, or improved access to existing data, which allows for the conduct of research activities not previously feasible.
- A discernable impact on Canada’s capabilities in neuroscience research, even for local and regional platforms.

**Funding Details:** The 2019 competition has an overall envelope of $6 million dollars, excluding matched funding from sponsors. Annual grant amounts are typically $750,000 - $2 million each (unmatched) over 3 years, with flexibility in the total amount and annual funding profile to accommodate the needs of specific platforms.

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**Additional Details**

**LOI Deadline:** February 4, 2020

**Internal HRS Deadline:** February 24, 2020
Social Sciences and Humanities Research Council (SSHRC) Horizon 2020 Migration Call

SSHRC has launched a call for proposals in support of Canadian researchers' engagements with European research consortia funded through the Horizon 2020 research platform of the European Union (EU). This is the second round to be held for this SSHRC funding opportunity, in alignment with Horizon 2020's societal challenge 6: Europe in a changing world—Inclusive, innovative and reflective societies.

Funding Details: SSHRC will contribute one- to three-year awards valued at C$75,000 to C$200,000 for researchers affiliated with an eligible Canadian institution, to participate in Horizon 2020 research teams.

Additional Details
Notify ROADS of Intent to Apply: ASAP
Draft Application Due to ROADS: February 20, 2020
Final Application Due to ROADS: March 5, 2020
Sponsor Deadline: March 12, 2020
*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*

John C. Sibley 2020 Award for Excellence in Education for Part Time Faculty

The John C. Sibley Award is named in honour of Jack Sibley who became Associate Dean, Education in 1979 and was known for his interdisciplinary approach to community health both locally and internationally. The John C. Sibley award is presented annually to a part-time faculty member in the Faculty of Health Sciences who has contributed in an outstanding manner to the education of health professionals (preferably in more than one sector.) Nominations are now being requested for this prestigious award, which highlights the importance of part-time faculty in fulfilling the academic mission. The nominees will be evaluated according to the following criteria:

- Development and evaluation of innovative educational activities in the health sciences
- Support of interprofessional education
- Sustained commitment to the academic mission
- Impact on teaching and learning in FHS programs and initiatives

If you know of an eligible part-time faculty member, we would strongly encourage you to submit a nomination. The nomination package should include an updated CV; a detailed letter by the proposer which addresses each of the above criteria highlighting examples in each area; two supporting letters commenting on the special contributions of the nominee in line with the criteria.

Funding Details: The award includes a citation and a cheque in the amount of $2,500.

Additional Details
Internal HRS Deadline: n/a
Sponsor Deadline: March 10, 2020
* Please send appropriate documentation to Dr. Alan Neville, Vice Dean, Health Professional Education and Chair, Sibley Selection Committee to HSC-2E18 or by email mcarthj@mcmaster.ca *

The Stem Cell Network (SCN) National Research Competition

The Stem Cell Network (SCN) is pleased to launch a national funding competition for three translational research programs and a new program, Innovation Research Program, for early career investigators in the stem cell and regenerative medicine field. This call follows a first competition launched last summer and is focused on translational research to move research from bench to beside. In total, over $12 million will be made available between 2019 and 2020 through the two peer-reviewed funding competitions.

Funding Details:
- The Accelerating Clinical Translation Program – Up to $400,000
- The Fueling Biotechnology Partnerships Program – Up to $350,000
- The Innovation Research Program for Early Career Investigators – up to $150,000
- The Translation and Society Team Awards – Up to $175,000

Additional Details
Internal HRS Deadline: March 18, 2020
**MERIT Faculty of Health Sciences Education Scholarship Fund**
The purpose of the Education Scholarship Fund is to promote and support scholarship (research and innovation) in health sciences education in the Faculty of Health Sciences (FHS), McMaster University. The project should focus on a question or problem relevant to the FHS. All projects awarded funding must present their outcomes at the annual Norman Education Research Day.

**Funding Details:** Up to two (2) awards of $25,000 each

**Additional Details**

- **LOI Deadline:** February 2, 2020
- **Internal HRS Deadline:** April 17, 2020
- **Sponsor Deadline:** May 1, 2020

**Natural Sciences and Engineering Research Council of Canada (NSERC) Science Communication Skills Grant (pilot)**
NSERC is launching a pilot funding opportunity, the Science Communication Skills grant, to support organizations providing science communication skills training to students, fellows, and faculty in science, technology, engineering and math (STEM) from Canadian postsecondary institutions. Promoting science and understanding how scientific inquiry works are critical to a vibrant science culture in Canada. Improved science communication increases science literacy, the appreciation of science in Canadian society, and the role of science in evidence-based decision making, while countering science-related misinformation. Training supported by the pilot grant will educate students and researchers in STEM on how to effectively communicate science to the public.

**Eligible activities include:**
- training workshops in science communication skills
- mentorship activities
- conferences, symposia or webinars
- development of resources in tandem with delivery

Funds may be used for new activities or for improvements to content or delivery of existing activities. Training linked to course-work requirements (i.e., degree or diploma programs) is not eligible.

**Funding Details:** Organizations may request up to $20,000 in funding for a one-year period.

**Additional Details**

- **Notify ROADS of Intent to Apply:** March 27, 2020
- **Draft Application Due to ROADS:** April 17, 2020
- **Final Application Due to ROADS:** May 11, 2020
- **Sponsor Deadline:** May 15, 2020

*To Apply, Contact Nathan Coschi, Senior Advisor, Development, ROADS at coschimn@mcmaster.ca or extension 21581*

**Weston Brain Institute International Outstanding Achievement Award 2020**
The Weston Brain 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. Ensuring the world hears about scientific advances in a timely manner is also critical to accelerating treatments. The Weston Brain Institute International Outstanding Achievement Award was created to recognize and highlight the recent outstanding contributions of researchers to the global effort to fight these diseases.

**Funding Details:** This is a $40,000 prize

**Additional Details**

- **Internal HRS Deadline:** May 14, 2020
- **Sponsor Deadline:** May 28, 2020
Canadian Cancer Society: Emerging Scholar Award
The Canadian Cancer Society (CCS) is excited to launch the CCS Emerging Scholar Award program, aimed at establishing and advancing promising early career scientists and clinician scientists from across Canada with a focused commitment to undertaking cancer research. Through the CCS Emerging Scholar Award program, early career investigators will develop their cancer research programs in Canada and pursue important scientific advances of the highest quality and potential for impact. By making a significant investment in the advancement of our nation’s emerging scholars, CCS aims to the strengthen the future of the Canadian cancer research ecosystem.

**Funding Details:** Funding of up to $100,000 per year will be provided to support the direct costs of research, including supplies, salaries (trainees and research support staff), and equipment associated with the proposed work.

**Additional Details**
- **LOI Deadline:** February 5, 2020
- **Internal HRS Deadline:** June 16, 2020
- **Sponsor Deadline:** June 30, 2020

Weston Brain Institute: Rapid Response and Transformational Research: Canada 2020 Alzheimer’s & Related Diseases
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 Rapid Response: Canada program was created to provide seed funding to catalyse novel, high-risk, high-reward translational research. Preliminary data is not required. The Transformational Research: Canada program funds transformative, novel, high-risk, high-reward translational research projects.

**Funding Details:**
- Rapid Response: Up to $300,000 over 18 months per project.
- Transformational Research: Up to $1,500,000 over up to 3 years per project.

**LOI Deadline:** March 27, 2020
- **Internal HRS Deadline:** July 22, 2020
- **Sponsor Deadline:** August 5, 2020

Weston Brain Institute: Rapid Response and Transformational Research: Canada 2020 Parkinson’s & Related Diseases
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 Rapid Response: Canada program was created to provide seed funding to catalyse novel, high-risk, high-reward translational research. Preliminary data is not required. The Transformational Research: Canada program funds transformative, novel, high-risk, high-reward translational research projects.

**Funding Details:**
- Rapid Response: Up to $300,000 over 18 months per project.
- Transformational Research: Up to $1,500,000 over up to 3 years per project.

**LOI Deadline:** April 30, 2020
- **Internal HRS Deadline:** September 8, 2020
- **Sponsor Deadline:** September 22, 2020

New Frontiers in Research Fund (NFRF) 2020 Transformation Stream
The objective of the Transformation Stream is to support large-scale, Canadian-led interdisciplinary research projects that address a major challenge with the potential to realize real and lasting change (high reward). The challenge may be fundamental, leading to a scientific breakthrough, or applied, with a social, economic, environmental or health impact. Projects are expected to be world-leading, drawing on global research expertise, where relevant.
The Transformation stream grants will support projects that:
tackle a well-defined problem or challenge;
propose a novel world-leading approach that is different from the current state-of-the-art approaches to the issue;
are interdisciplinary, bringing different perspectives to the defined problem; and
have the potential to be transformative, defined as the potential to create a significant and real change or impact—a noticeable leap or tangible breakthrough versus an incremental advance.

Transformation stream competitions are expected to be held every 2 years.

**Funding Details:** Transformation stream grants will provide between $2 million and $4 million per year, including 25% indirect costs, for up to six years. The maximum budget for the direct costs of the research project is $3,200,000 per year, and the minimum budget is $1,600,000.

**Additional Details**
- **NOI Deadline:** February 18, 2020
- **LOI Deadline:** April 15, 2020
- **Internal HRS Deadline:** November 4, 2020
- **Sponsor Deadline:** November 18, 2020

**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.

**Funding Details:** See additional details.

**Additional Details**
- **Sponsor Deadline:** Applications are being accepted on a rolling basis May 6, 2020 (pre-application is due May 4), September 16, 2020 (pre-application is due September 14)

**Alex’s Lemonade Stand: RUNX1 Early Career Investigator Grant**
The key objective is to promote the establishment of a new generation of translational and clinical researchers interested in tackling inherited hematologic malignancy predisposition disorders with a focus on RUNX1-familial platelet disorder. We believe that providing capital to early career investigators not only injects funding to where it is needed most, but also cultivates a new cohort of investigators who will be invested in an area of research that historically has had limited attention.

The RUNX1 Early Career Investigator grant is a 3-year award designed to fund research in strategies leading to the development of therapies to prevent the transition from pre-leukemia to leukemia for patients with RUNX1-FPD. Collaboration and data sharing are a priority for this research program. The RUNX1 Research Program and ALSF host an annual scientific meeting that brings together grant recipients and other scientists. Grant recipients are expected to present their progress as part of the annual review.

**Funding Details:** $180,000 over 3 years (maximum $60,000 per year may be requested).

**Additional Details**
- **Sponsor Deadline:** Applications are being accepted on a rolling basis June 27, September 26 and December 26 annually.

**Canadian Cancer Society: Junior Investigator Grant Panel Travel Award**
Application guides can be found on the [EGrAMS documentation for applicants](#) page.

The Canadian Cancer Society is pleased to offer a special initiative to allow junior investigators in cancer research to gain knowledge and understanding of the Canadian Cancer Society peer-review process. During the year, through different funding opportunities, applications spanning all disciplines of cancer research are evaluated and ranked for funding.

Selected investigators from across Canada will be provided funds to reimburse travel costs to Toronto to observe a grant panel meeting. This unique opportunity will provide junior faculty members with an “inside look” at how research grants are reviewed in order to help structure their own grant proposals in future.
Eligible applicants are investigators in cancer research at the end of their Post-doctoral fellowship or within the first few years of their academic appointment. Priority will be given to those who have yet to be awarded a grant from a Canadian granting agency. Applications for these limited funds will be accepted via EGrAMS and require Department or Institution Head sign-off prior to submission.

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

Cancer Research Society: Translational Research Partnership Program
The Translational Research Partnership Program supports collaborative projects in cancer research to help accelerate the development of new treatments and/or technologies for the benefit of patients. Our Translational Research Partnership strategy is bold and ambitious. We aim to break down the boundaries between research disciplines, which may include researchers from non-cancer backgrounds, in order to find innovative solutions to prevent, detect and treat cancer. We partner with a range of organizations to maximize the impact of research on patient outcomes.

Projects must meet the following conditions:
- Be translational research and may include clinical trial studies
- Basic research projects are out of scope
- Aim the development of a therapeutic and/or novel technologies
- Have excellent preliminary data to support the proposed project

The research team must consist of at least one principal investigator and one co-investigator. The inclusion of a variety of non-cancer disciplines is encouraged to drive the development of novel technologies and to take thinking from other fields that have not yet been applied to cancer.

All projects are evaluated based on the following criteria:
- Scientific excellence and innovativeness of proposed project
- Expertise of the multidisciplinary team
- Quality of preliminary data and feasibility
- Financial partner’s engagement
- Anticipated benefits for cancer patients

Funding Details: A maximum of $1,500,000 over up to 3 years per project of which up to 50% may come from the Cancer Research Society

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

McMaster Institute for Research on Aging (MIRA), Canadian Longitudinal Study on Aging (CLSA): Call for Proposals
The CLSA is a large, national, long-term study of more than 50,000 men and women who were between the ages of 45 and 85 when recruited. These participants will be followed until 2033, or death. The aim of the CLSA is to find ways to help us live long and live well, and understand why some people age in healthy fashion while others do not.

Researchers must notify Laura Harrington, Managing Director, MIRA, of their intent to apply for CLSA data access to be considered for MIRA funding. MIRA funds are allocated only to projects that do not have any other funding for this purpose.

MIRA membership is required to be eligible.

Data access applications are accepted three times per year.

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

Sponsor Deadline: February 12, 2020, June 17, 2020, October 7, 2020
Please contact Audrey Patocs at patocsae@mcmaster.ca with intent to apply or any inquiries. Applications will be handled through the MIRA office.

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

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

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

Please contact Audrey Patocs at patocsae@mcmaster.ca with intent to apply or any inquiries. Applications will be handled through the MIRA office.

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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

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

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

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**Weston Brain Institute: Big Ideas**

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. Based on success of previous programs, the Institute is expanding our support to new formats while maintaining the same mandate of accelerating the developments of therapeutics for neurodegenerative diseases of aging through translational research. The Institute is considering supporting a large-scale, pivotal project to significantly advance research in our field. With this call, we are seeking to identify highly impactful ideas for consideration. Of particular interest are ideas that will establish Canada as the world leader in a particular area.

**Goal:** To support a large-scale, pivotal project that will significantly and sustainably advance research in the field of translational research on neurodegenerative diseases of aging.

**Funding Details:** From $5,000,000 to $20,000,000.

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

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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.
**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

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

**Natural Sciences and Engineering Research Council of Canada(NSERC) Alliance Grants**

NSERC is pleased to announce the opening of the next phases of Alliance grants are now open for **Option 1** applications requesting over $30,000 annually from NSERC. Applications requesting between $20,000 and $30,000 annually from NSERC will be accepted beginning on December 11, 2019. **Option 2** applications requesting support for up to 90% or 100% of the costs of the project will be accepted in early 2020. This component of the Alliance grants is intended for proposals that:

- aim at conducting natural science or engineering research that addresses an unmet societal need. This may include research affecting public goods, or that will address national or global issues that benefit more than a single or a few organizations, and where sources of funds are unavailable;
- connect partner organizations willing and able to overcome existing barriers to address these challenges and achieve results that can lead to a societal impact beyond economic benefits, and where an increased level of support from public funds is justified.

More details on the objectives and on the application and evaluation processes for **Option 2** will follow.

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

**Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2020**

The BCRP challenges the scientific community to design research that will address the urgency of ending breast cancer. Specifically, the BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations. The DoD has released 5 new funding opportunities in this program. See **Additional Details** for further information.

**Breakthrough Award Levels 1 and 2**

- Funding Level 1 – Maximum funding of $450,000 for direct and indirect costs for a maximum of 3 years.
- Funding Level 1 with Partnering PI Option – Maximum funding of $750,000 for direct and indirect costs for a maximum of 3 years.
- Funding Level 2 – Maximum funding of $1 Million for direct and indirect costs for a maximum of 3 years.
- Funding Level 2 with a Partnering PI Option – Maximum funding of $1.5 Million for direct and indirect costs for a maximum of 3 years.
- Funding Level 2 – Population Science and Prevention Studies – Maximum funding of $1.5 Million for direct and indirect costs for a maximum of 4 years.
- Funding Level 2 – Population Science and Prevention Studies Partnering PI Option – Maximum funding of $2 Million for direct and indirect costs for a maximum of 4 years.

**Era of Hope Scholar Award**

- Maximum funding of $3 Million for direct and indirect costs for a maximum of 4 years.

LOI Deadline: **March 12, 2020** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **March 19, 2020**
Sponsor Deadline: **March 26, 2020**

**Breakthrough Award Level 3**
- Funding Level 3 – Maximum funding of $3 Million for direct and indirect costs for a maximum of 4 years.
- Funding Level 3 with Partnering PI Option – Maximum funding of $4 Million for direct and indirect costs for a maximum of 4 years.

**Breakthrough Award Level 4**
- Funding Level 4 with Partnering PI Option – Maximum funding of $10 Million for direct and indirect costs for a maximum of 4 years.

**Innovator Award**
- Maximum funding of $7 Million for direct and indirect costs for a maximum of 4 years.

LOI Deadline: **March 13, 2020** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **June 10, 2020**
Sponsor Deadline: **June 24, 2020**

**Department of Defense Amyotrophic Lateral Sclerosis Research Program (ALSRP) Funding Opportunities for Fiscal Year 2020**

The ALSRP is guided by a vision to improve treatment and find a cure for ALS. Through its award mechanisms and funding recommendations, the ALSRP specifically supports innovative and impactful research targeting development of new therapeutics for ALS. The Department of Defense has released 3 new ALSRP Award Mechanisms.

**Funding Details:**
- **Therapeutic Development Award** – Maximum funding of $1.0 million for direct and indirect costs for a maximum of 3 years.
- **Therapeutic Idea Award** – Maximum funding of $500,000 for direct and indirect costs for a maximum of 2 years. (Maximum funding of $600,000 if applying for the Therapeutic Relevant Biomarker Option)
- **Clinical Development Award** – Maximum funding of $300,000 for direct and indirect costs for a maximum of 2 years.

**Additional Details**
LOI Deadline: **March 27, 2020** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **July 9, 2020**
Sponsor Deadline: **July 23, 2020**