Dear colleagues,

Please find below this week’s updates:

- On behalf of RMA, the clinical practice plan year end is June 30th and the **RMA billings pick up schedule** may be found below.

  Schedule for billing pickups at year end from McMaster University Medical Centre, St. Joseph’s Hospital, Hamilton General Hospital, Juravinski Hospital and Juravinski Cancer Centre:

  Tuesday, June 26
  Thursday, June 28 (Extra pickup)
  Tuesday, July 3

  For GFT’s and Clinical Scholars only:
  Please make sure all your billings with service dates up to and including June 30, 2018 are at the RMA office no later than Tuesday, July 3, 2018 at 12:00 noon. Any billing received after this time will be processed in the new fiscal year. Please make sure to submit your billing at least weekly to RMA to avoid the year-end rush. We want to help you maximize your revenue by having sufficient time to review and optimize all of your billing.

- The CIHR is pleased to announce that Dr. Michael Strong has been appointed President of CIHR. He will take up his position on October 1. Dr. Strong brings extensive leadership experience to CIHR, having previously served as the Dean of the Schulich School of Medicine & Dentistry and Distinguished University Professor at Western University, where he holds the Arthur J. Hudson Chair in ALS Research. From 2000 to 2010, he served as the Chief of Neurology and Co-Chair of the Department of Clinical Neurological Sciences at the London Health Sciences Centre and Western University.

- Please find attached the June 22 issue of the **HRS Funding Opportunities** bulletin.

- Please find attached the June 22 issue of the **ROADS Funding Opportunities** bulletin.

- You are invited to join us at **Grand Rounds** next week on **June 28, 2018 at 8:00 am**. Medical Grand Rounds - SJH will be hosting Dr. Kim Legault in the Miller Amphitheatre who will be speaking on **Catastrophic Antiphospholipid Syndrome - including a reveal of the McMaster Rare-Best Practices Clinical Practice Guideline on Diagnosis and Management**. Medical Grand Rounds – HHS will be hosting rounds as well with further details to be announced shortly. Further information on these events, and many others taking place in the Department, can be found in the **ETA Calendar**.
If you have anything you would like to share with your colleagues, please submit it to Sara Sellers at sellers@mcmaster.ca

Mark A. Crowther  
Professor and Chair, Department of Medicine
News & Events

DoD KCRP Funding: Webinar for Kidney Cancer Researchers

Date: June 26, 2018  
Time: 2:00–3:00 p.m. Eastern Time  
Host: American Urological Association  
Presenter: Dr. Donna M. Kimbark, CDMRP Program Manager  
Target Audience: Kidney cancer researchers from all disciplines

Join the American Urological Association (AUA) and CDMRP Program Manager Dr. Donna Kimbark for an informational webinar on applying for research funding through the Department of Defense (DoD) Congressionally Directed Medical Research Program (CDMRP) Kidney Cancer Research Program. This webinar is a valuable tool for anyone seeking support for kidney cancer research.

Register Now

Health Research Grant Competitions

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

<table>
<thead>
<tr>
<th>Funding Opportunity (CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>NEW</em> CIHR – Operating Grant: Rapid Research Response Fund for Ebola</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>UPDATED</em> CIHR – Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIHR – Operating Grant: Understanding the Health Impact of Inactivity</td>
<td>Jun 29</td>
<td>Jul 13</td>
<td></td>
</tr>
<tr>
<td>CIHR – Fellowship: Banting Postdoctoral Fellowships Program</td>
<td>Aug 28</td>
<td>Sep 11</td>
<td></td>
</tr>
</tbody>
</table>

Contact Graduate Studies

| CIHR - Operating Grant: Epigenetics Clinical Translation                                 | Sep 5        | Sep 26                | Oct 10           |
| CIHR – Team Grant: HIV/AIDS Biomedical and Clinical Research                           | Oct 23       | Nov 6                 |                  |
| CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research                     | Nov 27       | Dec 11                |                  |

<table>
<thead>
<tr>
<th>Funding Opportunity (Non-CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Royal-Mach-Gaensslen Prize for Mental Health Research</td>
<td>Jul 1</td>
<td>Jul 15</td>
<td></td>
</tr>
<tr>
<td>Canadian Blood Services: Blood Efficiency Accelerator Award Program</td>
<td>Jul 1</td>
<td>Jul 15</td>
<td></td>
</tr>
<tr>
<td>Escher Fund for Autism: Grants</td>
<td>Jun 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elton John Aids Foundation: Open Call for Proposals</td>
<td>Jun 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fundation/Program Name</td>
<td>Start Date</td>
<td>End Date</td>
<td>Notification Date</td>
</tr>
<tr>
<td>------------------------</td>
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</tr>
<tr>
<td>National Multiple Sclerosis Society: Research Grants</td>
<td>Jul 25</td>
<td>Jul 25</td>
<td>Aug 1</td>
</tr>
<tr>
<td>National Multiple Sclerosis Society: Harry Weaver Neuroscience Scholar Awards</td>
<td>Aug 8</td>
<td>Aug 8</td>
<td>Aug 15</td>
</tr>
<tr>
<td>National Multiple Sclerosis Society: Collaborative MS Research Centers</td>
<td>Aug 30</td>
<td>Aug 30</td>
<td>Sep 5</td>
</tr>
<tr>
<td><em>NEW</em> Crohn’s &amp; Colitis Foundation Biology of Fibrosis in IBD RFP</td>
<td>Aug 24</td>
<td></td>
<td>Sep 7</td>
</tr>
<tr>
<td><em>NEW</em> Crohn’s &amp; Colitis Foundation Novel Technologies Initiative</td>
<td>Aug 24</td>
<td></td>
<td>Sep 7</td>
</tr>
<tr>
<td>National Multiple Sclerosis Society: Pilot Research Grants</td>
<td>Sep 10</td>
<td>Sep 10</td>
<td>Sep 12</td>
</tr>
<tr>
<td>Autism Speaks 2018 Treatment Research Grants</td>
<td>Jul 18</td>
<td>Sep 5</td>
<td>Sep 19</td>
</tr>
<tr>
<td>QUEST Resident Research Resource Opportunity</td>
<td></td>
<td>Sep 7</td>
<td>Sep 21</td>
</tr>
<tr>
<td>Alex’s Lemonade Stand Foundation Familial RUNX1 Research Program</td>
<td>Jul 2</td>
<td>Sep 17</td>
<td>Oct 1</td>
</tr>
<tr>
<td>BrightFocus Foundation: Macular Degeneration Research Grants</td>
<td>Jun 26</td>
<td>Oct 2</td>
<td>Oct 16</td>
</tr>
<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grants Program</td>
<td>Jul 18 NOI to ROADS</td>
<td>Aug 1 NOI to NSERC</td>
<td>Nov 1</td>
</tr>
<tr>
<td>Weston Brain Institute Rapid Response: Canada 2019 (Parkinson’s &amp; Related Diseases)</td>
<td>Aug 1</td>
<td>Oct 29</td>
<td>Nov 12</td>
</tr>
<tr>
<td>Weston Brain Institute Transformational Research: Canada 2019 (Parkinson’s &amp; Related Diseases)</td>
<td>Aug 1</td>
<td>Oct 29</td>
<td>Nov 12</td>
</tr>
<tr>
<td>Burroughs Wellcome Fund: Investigators in the Pathogenesis of Infectious Disease (PATH) Award</td>
<td>Jul 16</td>
<td>Nov 1</td>
<td>Nov 15</td>
</tr>
<tr>
<td>Canadian Glycomics Network (GlycoNet): GlycoNet Request for Proposals – Cycle II</td>
<td>Jul 3</td>
<td>Jan 18 2019</td>
<td>Feb 1 2019</td>
</tr>
<tr>
<td>Leukemia &amp; Lymphoma Society: Specialized Centre of Research Program</td>
<td>Aug 31</td>
<td>Feb 1 2019</td>
<td>Feb 15 2019</td>
</tr>
<tr>
<td>Lyle Spencer Research Awards</td>
<td>Oct 2</td>
<td>TBD</td>
<td>Feb 2019</td>
</tr>
<tr>
<td>Weston Brain Institute Postdoctoral Scholars at Oxford</td>
<td></td>
<td></td>
<td>Ongoing</td>
</tr>
<tr>
<td>Weston Brain Institute International Fellowships: Canada</td>
<td></td>
<td></td>
<td>Ongoing</td>
</tr>
<tr>
<td>Weston Brain Institute Big Ideas: Canada</td>
<td></td>
<td></td>
<td>Ongoing</td>
</tr>
<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities</td>
<td></td>
<td></td>
<td>Ongoing</td>
</tr>
<tr>
<td>MITACS Accelerate Fellowship</td>
<td></td>
<td></td>
<td>Ongoing MILO</td>
</tr>
<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
<td></td>
<td></td>
<td>Ongoing</td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity (VIP I) Program</td>
<td></td>
<td></td>
<td>Ongoing MILO</td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity II (VIP II) Program</td>
<td></td>
<td></td>
<td>Ongoing MILO</td>
</tr>
<tr>
<td>MITACS Accelerate Program</td>
<td></td>
<td></td>
<td>Ongoing MILO</td>
</tr>
<tr>
<td>MITACS Globalink Partnership Award</td>
<td></td>
<td></td>
<td>Ongoing MILO</td>
</tr>
<tr>
<td>Funding Opportunity (DoD)</td>
<td>LOI Deadline</td>
<td>Internal HRS Deadline</td>
<td>Sponsor Deadline</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>-----------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Department of Defense Tuberculosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 11</td>
<td>Jul 19</td>
<td>Aug 2</td>
</tr>
<tr>
<td>Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 26</td>
<td>Aug 2</td>
<td>Aug 9</td>
</tr>
<tr>
<td>Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 25</td>
<td>Aug 1</td>
<td>Aug 8</td>
</tr>
<tr>
<td>Department of Defense Medical Simulation and Information Sciences Research Program (JPC-1) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 25</td>
<td>Aug 31</td>
<td>Sep 17</td>
</tr>
<tr>
<td>Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 25</td>
<td>Sep 13</td>
<td>Sep 27</td>
</tr>
<tr>
<td>Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 11/Sep 5</td>
<td>Jul 25/Sep 12</td>
<td>Aug 8/Sep 26</td>
</tr>
<tr>
<td>Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 26/Jul 26/Sep 6</td>
<td>Aug 2/Sep 12</td>
<td>Aug 9/Sep 26</td>
</tr>
<tr>
<td>Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Aug 28</td>
<td>Sep 12</td>
<td>Sep 26</td>
</tr>
<tr>
<td>Department of Defense Tick-Borne Disease Research Program (TBDRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 25</td>
<td>Sep 13</td>
<td>Sep 27</td>
</tr>
<tr>
<td>Department of Defense Prostate Cancer Research Program (PCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Sep 20/27</td>
<td>Sep 27</td>
<td>Oct 4</td>
</tr>
<tr>
<td>Department of Defense Multiple Sclerosis Research Program (MSRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 26</td>
<td>Oct 4</td>
<td>Oct 18</td>
</tr>
<tr>
<td>Department of Defense Ortho Peer Reviewed Orthopaedic Research Program (PRORP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 30</td>
<td>Oct 10</td>
<td>Oct 24</td>
</tr>
<tr>
<td>Department of Defense Orthotics and Prosthetics Outcomes Research Program (OPORP) Funding Opportunities for Fiscal Year 2018</td>
<td>Aug 6</td>
<td>Oct 11</td>
<td>Oct 25</td>
</tr>
<tr>
<td>Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 16</td>
<td>Oct 18</td>
<td>Nov 1</td>
</tr>
<tr>
<td>Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Oct 10</td>
<td>Oct 24</td>
<td>Nov 7</td>
</tr>
<tr>
<td>Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 13</td>
<td>Oct 25</td>
<td>Nov 8</td>
</tr>
<tr>
<td>Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 17</td>
<td>Oct 25</td>
<td>Nov 8</td>
</tr>
<tr>
<td>Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Aug 29/Nov 14</td>
<td>Nov 21</td>
<td>Dec 5</td>
</tr>
</tbody>
</table>
CIHR – Operating Grant: Rapid Research Response Fund for Ebola

The Rapid Research Response Fund for Ebola is expected to:

- Enhance the mobilization of interdisciplinary Canadian and African health and social scientists and humanists, as well as knowledge users, to help contain the current Ebola Virus Disease outbreak in the DRC;
- Enhance the adaptive scaling of successful interventions in curbing Ebola transmission (and other diseases of similar relevance), and support the exploration of novel approaches to remaining challenges of outbreak mitigation and control;
- Improve understanding of an effective role for international agencies in preventing and responding to Ebola Virus Disease outbreaks in Africa, including how international institutions can better engage local leadership to ensure that responses are culturally appropriate, community specific, and leverage local characteristics; and,
- Support collaboration and policy making that promote evidence-based practices to prevent or mitigate the impact of future Ebola threats in the DRC and surrounding region.

Funding Details: IDRC, CIHR and SSHRC will contribute to a total CAN$1.5 million towards this Rapid Research Response Fund. A minimum of four successful teams will be eligible to receive Research Grants up to CAN$360,000 over two years (2018-2020).

Additional Details
Internal HRS Deadline: June 29, 2018
Sponsor Deadline: July 13, 2018

CIHR – Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2

The Antimicrobial Resistance: Point of Care Diagnostics in Human Health Phase 2 funding opportunity is expected to:

- Improve rational use of antibiotics and clinical management by increasing availability, timeliness, and uptake of clinically relevant point-of-care diagnostic tools in AMR.
- Integrate evidence-informed therapeutic approaches and prevention interventions into health care practice and policy.
- Determine commercial viability and show direct clinical applicability of a technology or tool that has passed the preliminary design developmental phase.
- Enhance capacity to conduct international, intersectoral and interdisciplinary AMR research through collaboration and training of researchers and health care professionals.

Funding Details: The total amount available for this funding opportunity is $2,025,000, enough to fund approximately 3 grants. The maximum amount per grant is $225,000 per year for up to 3 years for a total of $675,000 per grant.

Additional Details
Internal HRS Deadline: August 7, 2018
Sponsor Deadline: August 21, 2018

CIHR – Operating Grant: Understanding the Health Impact of Inactivity

The ultimate goals of this call are to develop solutions for:

- Older adults experiencing periods of inactivity in order to inform transitions in care and/or improve their quality of life.
- Astronauts in order to stay in good health during spaceflights and during their extended stays in the International Space Station, as well as in the foreseen deep space exploration program.

The objectives of the Understanding the Health Impacts of Inactivity funding opportunity are to:

1. Enhance our understanding of the
   - Health impacts of inactivity by:
     - Identifying impact through biological measures
     - Identifying relevant biological measures to support care transitions
     - Identifying biological changes that may inform our mechanistic understanding of pre-frailty and progression to frailty
   And
     - Impact and effectiveness of a specific countermeasure protocol by:
       - Identifying biological changes induced by its use
       - Evaluating the effectiveness of the countermeasure
       - Generating new knowledge to further inform the development of interventions and rehabilitation solutions to counteract the adverse effects of inactivity
For older people and individuals who experience inactivity or reduced activity over an extended period, and for astronauts during space missions.

2. Build capacity of the next generation of researchers through the meaningful involvement of trainees and/or early career investigators in the research program.

Funding Details: The total amount available for this funding opportunity is $1,600,000, enough to fund approximately 8 grants. The maximum amount per grant is $200,000 for up to 18 months.

Additional Details

LOI Deadline: July 24, 2018
Internal HRS Deadline: August 7, 2018
Sponsor Deadline: August 21, 2018

CIHR – Team Grant: Pathways Implementation Research Teams Component 3

The specific objectives of the Team Grant: Pathways Implementation Research Team Component 3 funding opportunity are to:

- Increase the equitable reach, access and sustainability of culturally appropriate population health interventions using an implementation science approach
- Develop and share recommendations, guidelines and policies for sustainability and enhanced equitable reach and access of interventions that incorporate reciprocal learning between participating Indigenous communities and research teams
- Build capacity for implementation research in Indigenous communities by training and mentoring junior researchers through partnerships with communities, including students and trainees with Indigenous living experience, and community members

Funding Details: The total amount available for this funding opportunity is $3,000,000, enough to fund approximately 2 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $300,000 per year for up to 5 years, for a total of $1,500,000 per grant. Applicants must secure partner contribution from non-federal sources to match the CIHR contribution at a minimum of 25% of the total grant amount requested as cash and/or in-kind.

Additional Details

Internal HRS Deadline: August 23, 2018
Sponsor Deadline: September 6, 2018


The Clinical Trials Network in HIV/AIDS is expected to:

- Develop and implement a strategic, outcome-oriented clinical trials research agenda to ensure alignment with current and emerging priorities in HIV, hepatitis C and/or other STBBIs and related health conditions;
- Sustain a high quality national infrastructure (including methodological expertise, data management and analysis, research support staff and regulatory expertise) to enable Canadian researchers to collaboratively and efficiently conduct innovative and excellent clinical trials and related research across Canada and internationally;
- Accelerate the translation and uptake of new knowledge into clinical applications and guidelines for patient care to support the adoption of best practices by clinicians, caregivers and patients;
- Engage stakeholders and partners (including people living with HIV, hepatitis C and/or other STBBIs; community organizations; Indigenous peoples; clinicians; policy makers; and relevant national networks) in CTN activities and governance committees to ensure their active and meaningful involvement;
- Strengthen Canadian research capacity to conduct and apply clinical research through training and mentoring initiatives; and
- Strengthen the networking and partnership strategies and secure additional funding to maximize the impact and outcomes of the Network and work toward sustainability.

Eligibility:

- Since this funding opportunity is a directed grant, only the CIHR Canadian HIV Trials Network (CTN) is eligible to apply.
- The Nominated Principal Applicant must be an independent researcher. The Nominated Principal Applicant will serve as the National Director of the CTN.
- The Nominated Principal Applicant must be appointed at an eligible institution (See Institutional Eligibility Requirements for eligibility process and associated timelines) at the time of application.
• At least two other Principal Applicants, to be National Co-Directors, must be independent researchers. The members of the leadership team (i.e., National Director and Co-Directors) must be located in at least three different CIHR-eligible institutions, in two or more provinces/territories.
• At the time of application, one new Core co-lead for each Core must be clearly identified in the Participant table.

**Funding Details:** The total amount available for this funding opportunity is $22,850,000, enough to fund 1 grant. This amount may increase if additional funding partners participate. The maximum amount is $4,570,000 per year for up to 5 years.

**Additional Details**
*Internal HRS Deadline:* August 28, 2018
*Sponsor Deadline:* September 11, 2018

**CIHR – Fellowship: Banting Postdoctoral Fellowships Program**
The fellowships will be known as the Banting Postdoctoral Fellowships, in memory of Sir Frederick Banting, the Canadian physician, researcher, Nobel laureate and war hero who, together with his assistant Dr. Charles Best, is credited with the discovery of insulin. The Banting Postdoctoral Fellowships program provides funding to the very best postdoctoral applicants, both nationally and internationally, who will positively contribute to the country's economic, social and research-based growth. The program is jointly administered by Canada's three federal granting agencies: the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC). CIHR has been designated as the operational lead for the implementation of the program.

**Funding Details:** The total amount available for this funding opportunity is $9,800,000, enough to fund approximately 70 awards. The maximum amount per award is $70,000 (taxable) per year, for up to two (2) years and a total of $140,000 per award. The funding is not renewable.

**Additional Details**
*Contact Correen Smith in Graduate Studies to Apply*
*Sponsor Deadline:* September 19, 2018

**CIHR - Operating Grant: Epigenetics Clinical Translation**
The specific objectives of this funding opportunity are to:
• Evaluate applications of epigenetics in the clinical setting, including through clinical trials, demonstrating proof-of-concept utility of epigenetic changes as biomarkers, diagnostics and targets for potential therapeutics;
• Support and build upon existing Canadian research expertise in epigenetics for clinical translation outcomes;
• Build capacity for epigenetics clinical research through training and mentoring.

**Funding Details:** The total amount available for this funding opportunity is $6,000,000, enough to fund up to four grants. The maximum amount per grant is $375,000 per year for up to four years.

**Additional Details**
*LOI Deadline:* September 5, 2018
*Internal HRS Deadline:* September 26, 2018
*Sponsor Deadline:* October 10, 2018

**CIHR – Team Grant: HIV/AIDS Biomedical and Clinical Research**
The Team Grant: HIV/AIDS Biomedical Clinical Research funding opportunity is expected to contribute to the global search for a safe and effective cure for HIV, and to develop prevention strategies and tools. The specific objectives of this funding opportunity are to:
• transform HIV biomedical and clinical research in Canada into a collaborative, interdisciplinary model of knowledge creation and application through the funding of innovative research programs;
• create an inclusive and sustainable pipeline of HIV research capacity from across disciplines, sectors, and perspectives (e.g., HIV basic scientists, clinical investigators, knowledge users and/or community members [people living with HIV]);
• effectively translate knowledge into clinical and/or commercial applications which contribute to the design, development and evaluation of research strategies; and
• create a critical mass of technical and scientific expertise in Canada that engages meaningfully with one another and with relevant national stakeholders, and participates in international research efforts.
Funding Details: The total amount available for this funding opportunity is $20,000,000, enough to fund approximately 6 grants.

Additional Details
Internal HRS Deadline: October 23, 2018
Sponsor Deadline: November 6, 2018

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

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

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

Additional Details
Internal HRS Deadline: November 27, 2018
Sponsor Deadline: December 11, 2018

The Royal-Mach-Gaensslen Prize for Mental Health Research
The Royal-Mach-Gaensslen Prize for Mental Health Research was established in 2015 and is awarded annually to recognize and support rising star Canadian research scientists with a focus in the area of mental health. This annual national Prize provides funding to outstanding rising star researchers who are affiliated with a Canadian academic or clinical research institution in the field of mental health, to encourage them to continue to pursue their research interests in Canada. It recognizes those with a demonstrated track record in research with excellence in scientific rigor, innovative thinking, imagination and originality and a clear ability to work in partnership with other disciplines and/or research teams external to the institution with which they are affiliated. This competition will occur once a year for 10 years.

Funding Details: $100,000 for one year

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

Canadian Blood Services: Blood Efficiency Accelerator Award Program
The objective of the Canadian Blood Services’ Blood Efficiency Accelerator Award Program is to improve the efficient and appropriate utilization of blood products, while maintaining the safety of the blood system. To achieve this objective, the Program will support innovative research projects that seek new knowledge or accelerate the application of existing knowledge. In the context of this competition, blood product is defined as a therapeutic product derived from the donation of blood or blood components and includes red blood cell and platelet concentrates, plasma and plasma derivatives (including plasma protein products), and hematopoietic stem cells (including those derived from cord blood).

Funding Details: Canadian Blood Services has allocated $60,000 per year for the Blood Efficiency Accelerator Award Program and anticipate funding two (2) projects annually at a maximum value of $30,000 per project.
Escher Fund for Autism: Grants

The Escher Fund for Autism has recently announced two Requests for Proposals (RFP):

1) Examining molecular impacts of drug exposures on developing germline, and implications for nongenetic inheritance - the objective: to support projects that directly focus on early (primordial germ cell in embryo through neonatal period) germline molecular impacts of high and sustained dose pregnancy drugs.

2) Intensive investigation of multi-hit families affected by autism and related neurodevelopmental disorders - the objective: to support intensive investigation into exposure histories and characteristics of “multi-hit families” with three or more children (including half-siblings) affected by autism and related disorders. The related disorders include but are not limited to attention deficit hyperactivity disorder, Asperger’s, learning disabilities and intellectual disability, social-communication impairments, speech and language impairments, oppositional defiant disorder, intermittent explosive disorder, mood disorders, anxiety, depression, schizophrenia spectrum and psychotic disorders.

Funding Details: $25,000 grant available.

Elton John Aids Foundation: Open Call for Proposals

The objective of the Open Call for Proposals is to support

1) any organization working to address HIV and AIDS, and
2) organizations working toward one or more of the following goals:
   - Wellness: Improving the health of people living with HIV or at risk, or otherwise affected by HIV
   - Rights: Upholding the rights of people living with and affected by HIV
   - Quality of Life: addressing the social and economic needs of people living with and affected by HIV
   - Resilience: strengthening the skills and strategies of organizations and activists addressing HIV

The EJAF values programs that:
   - are led by and based in the communities being served;
   - are advocating for improved government health policies and funding;
   - are piloting or scaling up innovative programs to promote health and rights;
   - can show a history of activism, creativity and urgency in working to address and curtail the HIV epidemic;
   - are grounded in evidence regarding where and among whom HIV infections are happening, and the best interventions to help people avoid infection or, if HIV-positive, to live healthy lives.

Funding Details: First-time applicants should apply for grants of between $20,000 and $100,000 for 1 year. The EJAF will consider requests up to $300,000 from organizations with a national focus or working in multiple countries, and have a proven ability to implement large-scale programs.

National Multiple Sclerosis Society: Research Grants

Research Grants, the objective: to support applications for studies that may serve to advance their mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

Funding Details: applicants are required to submit an estimate of the total cost of the proposed project, during the given cycle.
**National Multiple Sclerosis Society: Harry Weaver Neuroscience Scholar Awards**

Harry Weaver, Ph.D., known worldwide for his contribution to neurosciences and multiple sclerosis research, was the Society's Director of Research from 1966-1977. Throughout his tenure with the Society and throughout his career, Dr. Weaver continued to encourage young investigators to enter and pursue MS research, and to broaden our understanding of basic and clinical aspects of MS. In recognition of Dr. Weaver's contribution to the neurosciences and MS research, and to his dedication to young researchers, the Society named this prestigious Award in his honor.

**Funding Details:** Maximum $30,000 in year 1 and may increase by $2,500 in subsequent years to a maximum of $40,000 in year 5.

**Additional Details**

**LOI Deadline:** August 8, 2018  
**Internal HRS Deadline:** August 8, 2018  
**Sponsor Deadline:** August 15, 2018

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**National Multiple Sclerosis Society: Collaborative MS Research Centers**

Collaborative MS Research Centers, the objective: to help stimulate collaboration and interaction in MS research among independent investigators, strengthen the ties between basic and clinical research, and stimulate recruitment of researchers from other fields in MS research.

**Funding Details:** Applicants are required to submit an estimate of the total cost of the proposed project for the first year and to the extent possible for subsequent years, with a maximum of $150,000 per year for a 5 year term.

**Additional Details**

**LOI Deadline:** August 30, 2018  
**Internal HRS Deadline:** August 30, 2018  
**Sponsor Deadline:** September 5, 2018

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**Crohn's & Colitis Foundation Biology of Fibrosis in IBD RFP**

The Crohn's & Colitis Foundation seeks to fund studies focused on investigating the biological mechanisms leading to, and protecting from, fibrosis in IBD. These studies should be built upon clinical observations and/or published evidence in human IBD. Particular interest will be on proposals that address one or more of the following areas:

- Pathophysiology of fibrosis based on documented patterns of gene expression
- Cell biological mechanisms of fibrosis – role of different cell types
- Biology of strictureplasty

**Funding Details:** $900,000 for three years ($300,000/year, contingent on reaching annual milestones)

**Additional Details**

**Internal HRS Deadline:** August 24, 2018  
**Sponsor Deadline:** September 7, 2018

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**Crohn's & Colitis Foundation Novel Technologies Initiative**

The purpose of this initiative is to support the development of sensor technologies that can be implemented to detect and monitor inflammation in the context of IBD. Proposed technology should meet the following criteria:

- Minimally invasive detection of active inflammation. Preferably, the signals detected should be related to biological processes regarded to be causative and/or highly correlated with intestinal inflammation in IBD (e.g. cytokine levels, presence of proinflammatory immune cells, proinflammatory mediators, etc.) and should be informative with respect to symptoms (e.g. active "flare-up" prior to observation of severe symptoms).
- Sampling of data should be continuous or periodic during daily life, specifically, technologies, such as sensors/ biosensors/ nano-sensors, implantable, ingestible, wearable or environmental devices, will be considered.
- Have the potential to reach clinical studies within the next 3-4 years.
**Funding Details:** $125,000 for one year (inclusive of 10% indirect cost)

**Additional Details**

Internal HRS Deadline: **August 24, 2018**  
Sponsor Deadline: **September 7, 2018**

**National Multiple Sclerosis Society: Pilot Research Grants**

Pilot Research Grants, the objective: to fund 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.

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

**Additional Details**

LOI Deadline: **September 10, 2018**  
Internal HRS Deadline: **September 10, 2018**  
Sponsor Deadline: **September 12, 2018**

**Autism Speaks 2018 Treatment Research Grants**

Autism Speaks invites Treatment Research Grant applications to conduct innovative studies of novel treatments and interventions for people with autism spectrum disorder (ASD) throughout the life span. These may include medical approaches such as pharmacological treatments and complementary and alternative forms of health care, as well as behavioral and/or psychosocial interventions. Successful applications will focus on evaluation of the efficacy, effectiveness or other therapeutic benefits of the targeted intervention.

**Funding Details:** Two awards are anticipated at $250,000/year for three years with a maximum of $750,000 per award.

**Additional Details**

LOI Deadline: **July 18, 2018**  
Internal HRS Deadline: **September 5, 2018**  
Sponsor Deadline: **September 19, 2018**

**QUEST Resident Research Resource Opportunity**

Hamilton Health Sciences and McMaster University’s commitment to quality research and patient care led to the creation of the QUEST Resident Research Resource. This fund provides a unique opportunity to support resident investigators under the mentorship of senior staff, coupled with support in KT/Health Services research.

The primary objective of QUEST is to support the development and evaluation of simple, cost-effective resident initiated cardiovascular KT interventions. The Quest Framework would utilize KT research and the knowledge to action cycle (Graham et al) to address key evidence-practice gaps in the following realms:

1. **Quality:** Applying best care and developing effective tools for continuous quality improvement.  
2. **Utilization:** Optimizing the use of needed investigations/treatments. Reducing unnecessary or even harmful investigations/treatments. Maximizing productivity, human and physical resources.  
3. **Evidence:** Developing simple, cost-effective toolkits to optimize the delivery of evidence-based medicine.  
4. **Safety:** Continuous risk assessment and risk management.  
5. **Translational:** The use of KT research skills to disseminate lessons learned.

**Funding Details:** Up to 2 projects may receive a maximum of $10,000 depending on the number and quality of submissions.

Internal HRS Deadline: **September 7, 2018**  
Sponsor Deadline: **September 21, 2018**  
*For additional information and to apply, contact Susie Hanson at shanson@mcmaster.ca*

**Alex’s Lemonade Stand Foundation Familial RUNX1 Research Program**

ALSF is committed to creating opportunities for new and innovative research into treatments and cures for childhood cancers. The Babich Family Foundation ([runx1.com](http://runx1.com)) is dedicated to advancing areas of research of particular importance to families affected by familial platelet disorders (FPDs) leading to acute myeloid leukemia (AML) due to germline RUNX1 mutations with the ultimate goal of developing effective therapies to prevent the onset of AML.
Funding Details: Up to $250,000 over two years.

Additional Details
LOI Deadline: July 2, 2018
Internal HRS Deadline: September 17, 2018
Sponsor Deadline: October 1, 2018

Patient-Centered Outcomes Research Institute (PCORI) Implementation of Effective Shared Decision Making Approaches in Practice Settings – Cycle 2 2018
This initiative will support projects that propose active, multi-component approaches to implementing effective shared decision making strategies that address existing barriers and obstacles to uptake and maintenance of shared decision making. The SDM strategy must have demonstrated effectiveness on patient, caregiver, or healthcare provider decision making using widely-accepted metrics; the corresponding implementation approach must have potential for use and scalability beyond the targeted implementation setting. Patients and others whose involvement is central to success of the proposed project should be involved in its design and execution. In addition, applicants should assure that the proposed project team draws on sufficient expertise in both shared decision making and implementation science. Projects must incorporate rigorous evaluation of the implementation of shared decision making approaches, as well as the impact of the shared decision making processes in the targeted settings.

Funding Details: Total Direct costs, $1.5 Million. Funds available up to $6.5 Million. Maximum Project Period is up to 3 years.

Additional Details
LOI Deadline: July 24, 2018
Internal HRS Deadline: September 26, 2018
Sponsor Deadline: October 10, 2018

BrightFocus Foundation: Macular Degeneration Research Grants
The objective of the Macular Degeneration Research Program is to support
1) pioneering research leading to a greater understanding, prevention and treatment of age-related macular degeneration,
2) exciting pilot projects that have already generated some amount of preliminary data, however, would not at their present stage be competitive for large government or industry awards, and
3) interdisciplinary investigations that may apply to two or three of the BrightFocus disease interests (i.e., Alzheimer's disease, Glaucoma, Macular Degeneration).

Funding Details: Maximum $200,000 for up to 2 years.

Additional Details
LOI Deadline: June 26, 2018
Internal HRS Deadline: October 2, 2018
Sponsor Deadline: October 16, 2018 (by Invite Only)

Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grants Program
The Natural Sciences and Engineering Research Council of Canada (NSERC) is now accepting Notices of Intent to Apply (NOIs) for the 2019 Discovery Grants competition. The Discovery Grants Program supports ongoing programs of research with long-term goals, rather than a single short-term project or collection of projects. These grants recognize the creativity and innovation that are at the heart of all research advances. The objectives of the Discovery Grants Program are to:
- promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- foster research excellence; and
- provide a stimulating environment for research training.

Funding Details: The final rating assigned, the applicant category, and the outcome of the assessment of the relative costs of research will determine the grant level. Discovery Grants are normally awarded for five years.

Additional Details
Draft NOI to ROADS: July 18, 2018
NOI to Sponsor: August 1, 2018
**Weston Brain Institute Rapid Response: Canada 2019 (Parkinson’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.

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

**Additional Details**
- **LOI Deadline:** August 1, 2018
- **Internal HRS Deadline:** October 29, 2018
- **Sponsor Deadline:** November 1, 2018

**Weston Brain Institute Transformational Research: Canada 2019 (Parkinson’s & Related Diseases)**

NEW for 2018/2019: Accepting applications on diet, physical activity, sleep and nutritional supplements, if these applications meet our other scope criteria. Encouraging applications that bring in expertise, technologies or approaches in the following areas to advance the development of therapeutics and tools for neurodegenerative diseases of aging: artificial intelligence, big data, machine learning, data science, computer science, medicinal chemistry, biostatistics and engineering.

**Funding Details:** A maximum of $1,500,000 over up to 3 years per project.

**Additional Details**
- **LOI Deadline:** August 1, 2018
- **Internal HRS Deadline:** October 29, 2018
- **Sponsor Deadline:** November 1, 2018

**Burroughs Wellcome Fund: Investigators in the Pathogenesis of Infectious Disease (PATH) Award**

The Investigators in the Pathogenesis of Infectious Disease program provides opportunities for assistant professors to bring multidisciplinary approaches to the study of human infectious diseases. The goal of the program is to provide opportunities for accomplished investigators still early in their careers to study what happens at the points where the systems of humans and potentially infectious agents connect. The program supports research that sheds light on the fundamentals that affect the outcomes of these encounters: how colonization, infection, commensalism, and other relationships play out at levels ranging from molecular interactions to systemic ones.

**Funding Details:** $500,000 over 5 years

**Additional Details**
- **LOI Deadline:** July 16, 2018
- **Internal HRS Deadline:** November 1, 2018
- **Sponsor Deadline:** November 15, 2018

**Canadian Glycomics Network (GlycoNet): GlycoNet Request for Proposals – Cycle II**

A key goal of GlycoNet is to support research projects that are multi-disciplinary, as defined by the NCE program. Accordingly, this Request for Proposals seeks to fund projects that involve two or more research groups in different disciplines. Proposals that involve an investigator who is primarily funded on by one of the tri-council agencies (e.g., CIHR) working with others primarily funded by one or both of the other tri-council agencies (e.g., NSERC and/or SSHRC) will be viewed most favourably.

**Funding Details:** Projects will be funded up to a maximum of $200,000/year and require 1:1 matching. All projects must be completed within 2 years (24 months).
Additional Details
Registration Deadline: July 3, 2018 (registration email to be sent to Karli Buckle – kbuckle@glyconet.ca)
LOI Deadline: August 9, 2018
Internal HRS Deadline: January 18, 2019
Sponsor Deadline: February 1, 2019

**Leukemia & Lymphoma Society: Specialized Centre of Research Program**
LLS’s Specialized Center of Research (SCOR) grant program is intended to bring together established investigators from one or several institutions to develop a focused research program, foster new interactions and cooperation, and enhance interdisciplinary research among the participants. The overall goal of this mechanism is to enhance the development of innovative strategies for the treatment, diagnosis or prevention of hematological malignancies. Strategies that move discoveries from the bench to the clinic are of high importance as are integrated translational projects.

**Funding Details:** The maximal annual total cost is $1,000,000 for each year of the five year grant. The maximum annual direct cost is $833,333.33 while the maximum annual indirect cost is $166,666.66.

Additional Details
LOI Deadline: August 31, 2018
Internal HRS Deadline: February 1, 2019
Sponsor Deadline: February 15, 2019

**Lyle Spencer Research Awards**
The Lyle Spencer Research Awards Program is intended to support intellectually ambitious research oriented to improving the practice of education, independent of any particular reform agendas or methodological strictures. It supports projects with budgets up to $1 million. In this program, we envision a large-minded conception of educational practice that encompasses formal and informal learning as well as the institutional, policy, and normative frameworks that influence and are influenced by learning and developmental processes. Moreover, we recognize learning occurs across settings—from the classroom to the workplace and even onto the playing field—any of which may, in the right circumstance, provide the basis for rewarding study.

**Funding Details:** Projects with budgets of up to $1 million are supported.

Additional Details
LOI Deadline: October 2, 2018
Internal HRS Deadline: TBD
Sponsor Deadline: Mid-February 2019

**Weston Brain Institute Postdoctoral Scholars at Oxford**
The Weston Brain Institute Postdoctoral Scholars at Oxford program supports top-tier Canadian postdoctoral scholars by providing international training at the University of Oxford and affiliation with Merton College. Prior to submitting an application, candidates should independently identify a host lab and potential supervisor at the University of Oxford who agrees to supervise them if awarded. Awardees will receive salary support for their postdoctoral positions at Oxford.

**Funding Details:** £57,000 per year (£44,000 per year + benefits) for 2 years.

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

**Weston Brain Institute International Fellowships: Canada**
Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Weston Brain Institute is pleased to launch our International Fellowships: Canada program. The program will support top Canadian PhD students to travel to and work in world-renowned international labs for up to 12 months, to further their translational research on neurodegenerative diseases of aging.

**Funding Details:** $60,000 per year, prorated at $5,000 per month to fit shorter travel and specific project needs
**Weston Brain Institute Big Ideas: Canada**

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 hypothesis driven, high-risk, high-reward translational research projects of up to $1.5m. 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. One format they are considering is supporting a large-scale research effort that would provide ~$5-20m over ~5 years in support of a large project(s). With this call, the Institute aims to identify highly impactful ideas for consideration.

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

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**McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities**

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

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

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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.

**Additional Details**
Sponsor Deadline: Ongoing

**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*

**MITACS Accelerate Program**
Canada’s premiere research internship program provides interns with the opportunity to transfer their skills from theory to real-world application, while companies gain a competitive advantage by accessing high-quality research expertise. Interns spend approximately half their time on-site with the industry partner; the remainder is spent at the university advancing the research under the guidance of a faculty supervisor. Not-for-profit organizations are eligible.

**Funding Details:** Funding starts at $15,000

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

**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.

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**Department of Defense Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018**

The goal of the FY18 TSCRP is to fund exploratory, pioneering and transformative science that promotes discoveries in TSC, from mechanistic insights to clinical application, by supporting new ideas and investigators for the benefit of Service members, their beneficiaries, and the American public. Within this context, the FY18 TSCRP encourages applications that address the critical needs of the TSC community in one or more of the following FY18 Focus Areas:

- Gaining a deeper knowledge of TSC signaling pathways and the cellular consequences of TSC deficiency
- Improving TSC disease models
- Examining the clinical aspects of TSC, including phenotypic heterogeneity
- Facilitating therapeutics, biomarkers, and clinical trials research

**Funding Details:**

- **Exploration Hypothesis Development Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $100,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Idea Development Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $450,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Clinical Translational Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $600,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

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**Additional Details**

**LOI Deadline:** July 11, 2018 (A Pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** July 19, 2018

**Sponsor Deadline:** August 2, 2018

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**Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018**

The NFRP encourages applications that specifically address the critical needs of the NF community in one or more of the FY18 Areas of Emphasis. Not all Areas of Emphasis are applicable to each award mechanism offered by the FY18 NFRP. If the proposed research project does not address one of the FY18 Areas of Emphasis, justification that the proposed research project addresses an important problem related to NF research and/or patient care should be provided.

- Health services research
  - Evidence-based best clinical practices
  - Implementation and access to NF-specific health care
  - Utilization of technology and informatics
- Heterogeneity of neurofibromas and other NF-related tumors
- Nontumor manifestations
  - Cognitive, behavior, sleep, pain, hypotonia, communication, etc., including quality of life measures, self-reported and underreported manifestations
- Novel disease and treatment response markers using genomics, epigenetics, systems biology, metabolomics, or similar approaches
  - Transition from benign to malignant
- Nutritional, environmental, and other modifiers of NF
- Post-adolescent manifestations
- Preclinical efficacy studies
Target identification, drug discovery, targeted and immunotherapies

Funding Details:

- **Clinical Trial Award** - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $800,000 in direct costs ($1,000,000 in direct costs if requesting a Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **Exploration-Hypothesis Development Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $100,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **Investigator-Initiated Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $525,000 in direct costs ($575,000 in direct costs if requesting an Optional Qualified Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **New Investigator Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $450,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **Early Investigator Research Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $200,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

**Additional Details**

**LOI Deadline:** July 26, 2018 (A Pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** August 2, 2018

**Sponsor Deadline:** August 9, 2018

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**Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2018**

Ovarian cancer is the leading cause of death among gynecological cancers each year. In 2017, approximately 22,440 women will be diagnosed with ovarian cancer in the United States, and an estimated 14,080 will die from the disease. Ovarian cancer ranks fifth in cancer deaths among women. The Department of Defense (DoD) Ovarian Cancer Research Program (OCRP) was initiated in FY97 to support high-impact, cutting-edge research that fills unmet needs. Appropriations for the OCRP from FY97 through FY16 totaled $276.45 million (M). The FY17 appropriation is $20M.

**Funding Details:**

- **Clinical Development Award** – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years. Funding is increased to $800,000 for direct costs with a qualified nested Early Career Investigator.

- **Omic Consortium Development Award** – Maximum funding of $400,000 for direct and indirect costs for a maximum of 2 years.

- **Ovarian Cancer Academy Award** – Early-Career Investigator – Maximum funding of $725,000 for direct and indirect costs for a maximum of 4 years.

**Additional Details**

**LOI Deadline:** July 25, 2018 (A Pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** August 1, 2018

**Sponsor Deadline:** August 8, 2018

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**Department of Defense Medical Simulation and Information Sciences Research Program (JPC-1) Funding Opportunities for Fiscal Year 2018**

The Joint Program Committee-1/Medical Simulation and Information Sciences (JPC-1/MSIS) Research Program plans, coordinates, and oversees a science and technology program focused on improving military medical training and education through medical modeling and simulation systems addressing combat casualty training, medical readiness, health focused initiatives, and developer tools for medical educators as well as improving health information sciences through increased interoperability, strategic planning, process development, and medical applications.
**Funding Details:**
- **FY18 Trauma Resiliency Immersive Adaptive Gaming Environment Award** - Anticipated that budgets will not exceed $1.3 million in total costs • Period of performance not to exceed 18 months.

**Additional Details**
**LOI Deadline:** June 25, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** August 31, 2018
**Sponsor Deadline:** September 17, 2018

**Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2018**
The PRMRP is committed to funding research that has the potential to profoundly impact the development and implementation of medical devices, drugs, and clinical guidance that will enhance the precision and efficacy of prevention, diagnosis, and treatment across a wide range of disciplines including cardiovascular health, autoimmune diseases and immunology, infectious diseases, internal medicine, neurological and psychological health, orthopedic and regenerative medicine, and respiratory health and injury. Please see [Additional Details](#) link for further information.

**Funding Details:**
- **Clinical Trial Award** – No maximum funding limit; requested funding must be appropriate for the scope of work proposed
  Maximum period of performance is 4 years

**LOI Deadline:** June 25, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 13, 2018
**Sponsor Deadline:** September 27, 2018

**Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2018**
The Department of Defense has released 5 new funding opportunities for their Kidney Cancer Research Program. Please see [Additional Details](#) link for further information. Please note respective deadlines for each award.

**Funding Details:**
- **Concept Award** – Maximum funding of $75,000 for direct costs (plus indirect costs). Maximum period of performance is 1 year. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

**LOI Deadline:** July 11, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** July 25, 2018
**Sponsor Deadline:** August 8, 2018

**Funding Details:**
- **Idea Development Award** – Maximum funding of $400,000 in direct costs (plus indirect costs). Maximum period of performance is 2 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Physician Research Award** – Maximum funding of $200,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Technology Development Award** - Maximum funding of $300,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Translational Research Partnership Award** - Maximum funding of $600,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

**LOI Deadline:** September 5, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 12, 2018
**Sponsor Deadline:** September 26, 2018
Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 5 new funding opportunities for their Lung Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:

- **Concept Award** – Maximum funding of $100,000 in direct costs (plus indirect costs). Period of performance not to exceed 1 year

**LOI Deadline:** July 26, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** August 2, 2018
**Sponsor Deadline:** August 9, 2018

Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018

Since Fiscal Year 2009, the Peer Reviewed Cancer Research Program (PRCRP) has been charged by U.S. Congress to fund innovative basic, applied, and translational cancer research to support Service members, their families, and the American public. Members of the military are exposed to hazardous environments due to the nature of their service and deployments and, thus, are at risk for the development of many types of cancers. The mission of the PRCRP is to successfully promote high-impact research for cancer prevention, detection, treatment, and survivorship. Please see Additional Details link for further information.

Funding Details:

- **Career Development Award** – Maximum funding for the entire period of performance is $360,000 in direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** August 28, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 12, 2018
**Sponsor Deadline:** September 26, 2018

Department of Defense Tick-Borne Disease Research Program (TBDRP) Funding Opportunities for Fiscal Year 2018

There are currently at least 16 known tick-borne illnesses, with emerging diseases being discovered all the time. In the United States, the yearly cases of Lyme disease and other tick-borne diseases, including spotted fever rickettsiosis, anaplasmosis, and ehrlichiosis,
have been increasing steadily for years, currently totaling tens of thousands of people diagnosed annually, with more likely undiagnosed. Globally, the US Military prioritizes tick-borne Crimean-Congo hemorrhagic fever as an operational threat abroad. The vision of the DoD is to prevent the occurrence, better diagnose and resolve or minimize the impact of Lyme disease and other tick-borne illnesses, with emphasis on burden of disease.

Funding Details:
- **Career Development Award** – Maximum funding of $300K for direct costs (plus indirect costs). Maximum period of performance is 3 years.
- **Idea Award** – Maximum funding of $250K for direct costs (plus indirect costs). Maximum period of performance is 2 years.
- **Investigator-Initiated Research Award** - Maximum funding of $650K for direct costs (plus indirect costs). Maximum period of performance is 3 years.

**Additional Details**

LOI Deadline: June 25, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 13, 2018
Sponsor Deadline: September 27, 2018

**Department of Defense Peer Reviewed Alzheimer’s Research Program (PRARP) Funding Opportunities for Fiscal Year 2018**

The Department of Defense has released 4 new funding opportunities for their Peer Reviewed Alzheimer’s Research Program. Please see Additional Details link for further information.

Funding Details:
- **Convergence Science Research Award (CSRA)** – Maximum funding is $500,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.
- **Quality of Life Research Award (QUAL)** – Funding limit is $500,000 in direct costs. Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.
- **New Investigator Research Award (NIRA)** – Funding limit is $225,000 in direct costs. Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.
- **Research Partnership Award (RPA)** - Funding limit is $1.3 million in total costs. Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

LOI Deadline: September 20, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 27, 2018
Sponsor Deadline: October 4, 2018

**Department of Defense Autism Research Program (ARP) Funding Opportunities for Fiscal Year 2018**

The Autism Research Program focuses on improving the lives of those living with ASD by funding innovative, and highly impactful research. Through the program’s areas of interest, the Autism Research Program focuses on ways to improve diagnosis, treatment, and studying psychosocial factors for affecting key life time transitions to independence and a better life for those with autism and their families.

Funding Details:
- **Clinical Trial Award** - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $1,000,000 in direct costs (plus indirect costs).
  - **Early-Career Investigator Partnering PI Option**: The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $1,155,000 for direct costs (plus indirect costs).
- **Idea Development Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $500,000 in direct costs (plus indirect costs). For multiple PIs, the combined funding for all PIs for the entire period of performance may not exceed $500,000 in direct costs (plus indirect costs).
- **Clinical Translational Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $500,000 in direct costs (plus indirect costs).
Department of Defense Epilepsy Research Program (ERP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 2 new funding opportunities for their Epilepsy Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Longitudinal Risk Factors Award** - Maximum funding of $2,500,000 for direct costs (plus indirect costs). Maximum period of performance is 4 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

LOI Deadline: July 26, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 20, 2018
Sponsor Deadline: October 4, 2018

Funding Details:
- **Idea Development Award**
  - **Level I** - Maximum funding of $300,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.
  - **Level II** - Maximum funding of $500,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

LOI Deadline: September 20, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 27, 2018
Sponsor Deadline: October 4, 2018

Department of Defense Spinal Cord Injury Research Program (SCIRP) Funding Opportunities for Fiscal Year 2018

Spinal cord injuries (SCI) are serious and complex neurotraumatic wounds affecting military service members serving in Iraq and Afghanistan. The SCIRP was established by Congress in FY09 with a $35 million appropriation to support research into regenerating/repairing damaged spinal cords and improving rehabilitation therapies. From FY10-15, Congress appropriated an additional $122.85 million to continue this research. The SCIRP focuses its funding on innovative projects that have the potential to make a significant impact on improving the function, wellness, and overall quality of life for military service members as well as their caregivers, families, and the American public.

Funding Details:
- **Clinical Trial Award** - The maximum allowable funding for the entire period of performance is $3,000,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 4 years.
- **Investigator-Initiated Research Award** - The maximum allowable funding for the entire period of performance is $500,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.
- **Qualitative Research Award** - The maximum allowable funding for the entire period of performance is $500,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.
- **Translational Research Award** - The maximum allowable funding for the entire period of performance is $1,250,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.

Additional Details
Department of Defense Prostate Cancer Research Program (PCRP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 6 new funding opportunities for their Prostate Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:

- **Physician Research Award** – Maximum funding of $750,000 for direct costs (plus indirect costs). Maximum period of performance is 4 years.

- **Early Investigator Research Award** – Maximum of $200,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years.

**LOI Deadline:** August 16, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** August 23, 2018

**Sponsor Deadline:** September 6, 2018

Funding Details:

- **Idea Development Award** - Maximum funding of $600,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** July 6, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** September 13, 2018

**Sponsor Deadline:** September 27, 2018

Funding Details:

- **Health Disparity Research Award**:
  - **Established Investigators** – Maximum funding of $1,000,000 for direct costs (plus indirect costs).
  - **New Investigators** - Maximum funding of $600,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years.

- **Health Disparity Fellowship Award** - Maximum funding of $200,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years.

**LOI Deadline:** September 20, 2018

**Internal HRS Deadline:** September 27, 2018

**Sponsor Deadline:** October 11, 2018

Funding Details:

- **Impact Award** - Maximum funding of $750,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** July 19, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 4, 2018

**Sponsor Deadline:** October 18, 2018

Department of Defense Multiple Sclerosis Research Program (MSRP) Funding Opportunities for Fiscal Year 2018

The etiology and pathogenesis of MS are largely unknown; however, it is thought to be triggered by a combination of one or more environmental factors in a genetically susceptible individual. MS is a heterogeneous disease that can manifest in many ways across the patient population. The progression, severity, and specific symptoms of MS are unpredictable and vary from one person to another. Currently, there is no cure for MS. Since its inception in fiscal year 2009, the Multiple Sclerosis Research Program (MSRP) has supported innovative and impactful research that addresses fundamental issues and gaps in MS. The vision of the MSRP is to prevent, cure, reverse, or slow the progression and lessen the personal and societal impact of MS.
Funding Details:

- **Investigator Initiated Research Award** – Anticipated that budgets will not exceed $600,000 in direct costs (plus indirect costs). Period of performance not to exceed 3 years.
- **Exploration – Hypothesis Development Award** – Anticipated that budgets will not exceed $150,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years.

**Additional Details**

**LOI Deadline:** June 26, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 4, 2018

**Sponsor Deadline:** October 18, 2018

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**Department of Defense Peer Reviewed Orthopaedic Research Program (PRORP) Funding Opportunities for Fiscal Year 2018**

A large majority of the injuries sustained by military personnel in U.S. war efforts involve soft tissue wounds and skeletal fractures, pointing to an urgent need for orthopaedic research that will provide superior medical care and treatment options for injured service members. Orthopaedic injuries sustained during combat-related activities tend to be very heterogeneous and complex in nature, typically involving multiple tissues, such as skin, bone, muscle, cartilage, and nerves.

Funding Details:

- **Applied Research Award** – Maximum funding of $750,000 for total costs (includes direct and indirect costs). Maximum period of performance is 3 years.
- **Clinical Trial Award** – Maximum funding of $3 million (M) for total costs (includes direct and indirect costs). Maximum period of performance is 4 years.
- **Clinical Translational Research Award** – Maximum funding of $2M for direct costs (plus indirect costs). Maximum period of performance is 4 years.

**Additional Details**

**LOI Deadline:** July 30, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 10, 2018

**Sponsor Deadline:** October 24, 2018

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**Department of Defense Orthotics and Prosthetics Outcomes Research Program (OPORP) Funding Opportunities for Fiscal Year 2018**

The Orthotics and Prosthetics Outcomes Research Program, OPORP, was established by congress in fiscal year 2014 to support military relevant personal assistive technology outcomes research. The goal of the OPORP is to improve our understanding and ultimately advance the implementation of the most effective prescriptions for prosthesis and orthotic devices, treatment, rehabilitation, and secondary health effect prevention options for patients, clinicians, other caregivers, and policymakers.

Funding Details:

- **Clinical Research Award (CRA):**
  - **Funding Level 1** – Maximum funding of $350,000 for total costs (direct costs plus indirect costs). Maximum period of performance is 2 years.
  - **Funding Level 2** – Maximum funding of $1,500,000 for total costs (direct costs plus indirect costs). Maximum period of performance is 4 years.

- **Clinical Trial Award (CTA):**
  - **Funding Level 1** – Maximum funding of $350,000 for total costs (direct costs plus indirect costs). Maximum period of performance is 2 years.
  - **Funding Level 2** – Maximum funding of $2,500,000 for total costs (direct costs plus indirect costs). Maximum period of performance is 4 years.

**Additional Details**

**LOI Deadline:** August 6, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 11, 2018

**Sponsor Deadline:** October 25, 2018
Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018
The objective of the FY18 BMFRP is to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF diseases and their progressions to other malignancies, such as leukemia, are acceptable. However, research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

Funding Details: Maximum funding of $325,000 for direct and indirect costs for a maximum of 2 years.

Additional Details
LOI Deadline: July 16, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 18, 2018
Sponsor Deadline: November 1, 2018

Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2018
The Lupus Research Program (LRP) was first funded in FY17 to support innovative and impactful research that addresses significant issues and gaps in lupus.

Lupus is a heterogeneous autoimmune disease that is difficult to diagnose and treat. There is currently no test available to diagnose lupus and it may take months or years for a person to be correctly diagnosed. Because lupus attacks healthy cells and tissues in many parts of the body, patients can experience a wide range of symptoms such as fatigue, joint pain, skin lesions, and headaches. Lupus can also cause inflammation in the kidneys, brain, blood vessels, lungs, and heart which can result in serious complications including organ damage. Lupus patients require a diverse team of healthcare specialists depending on their symptoms.

Funding Details:
- **Concept Award** – The maximum period of performance is 1 year. The maximum allowable funding for the entire period of performance is $150,000 in total costs.
- **Impact Award** – The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $525,000 in total costs.

Additional Details
LOI Deadline: October 10, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 24, 2018
Sponsor Deadline: November 7, 2018

Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018
The GWIRP focuses on funding innovative, competitively peer-reviewed research to (1) provide a better understanding of the pathobiology underlying GWI, (2) identify objective markers (biomarkers) for improved diagnosis, and (3) to develop treatments for the complex of GWI symptoms and their underlying causes. Our Vision is to make a significant impact on GWI and improve the health and lives of affected Veterans and their families.

Funding Details:
- **Clinical Trial Award** - Maximum funding of $1,000,000 for direct costs (plus indirect costs). Maximum funding of $1,016,000 for direct costs with the Biorepository Contribution Option (plus indirect costs). Maximum period of performance is 4 years.
- **Investigator-Initiated Focused Research Award** - Maximum direct costs and period of performance vary based on Tier
  - Discovery Tier: Maximum funding of $230,000 or 246,000 with the Biorepository Contribution Option for direct costs (plus indirect costs) for a maximum of 2 years.
  - Applied Research Tier: Maximum funding of $700,000 or $716,000 with the Biorepository Contribution Option for direct costs (plus indirect costs) for a maximum of 3 years.
- **Qualitative Research Award** - Maximum funding of $400,000 for direct costs (plus indirect costs). The maximum period of performance is 3 years.

Additional Details
**Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2018**

The HRRP was initiated in 2017 to pursue promising, necessary research for treatment of burdensome and very prevalent auditory system injury. It is estimated that more than 30 million Americans over the age of 12 years have hearing loss in both ears and an estimated 48 million have hearing loss in at least one ear. In the military the two most prevalent service-connected disabilities are related to hearing disorders. The most recent data from the Veterans Benefits Administration, Department of Veterans Affairs indicates that there are 1.1 million Veterans with service-connected disability due to hearing loss. The HRRP will fund innovative research that has the potential to maximize operational effectiveness, medical readiness and quality of life for Service members, Veterans and others living with significant auditory system injuries.

**Funding Details:**
- **Translational Research Award (TRA)** – Maximum funding of $1,000,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs budgeted must be in accordance with the institution’s rate agreement.
- **Focused Applied Research Award (FARA)** - Maximum funding of $1,000,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs budgeted must be in accordance with the institution’s rate agreement.

**Additional Details**
- **LOI Deadline:** July 17, 2018 (A pre-application is required and must be submitted through eBRAP)
- **Internal HRS Deadline:** October 25, 2018
- **Sponsor Deadline:** November 8, 2018

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**Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018**

Duchenne muscular dystrophy (DMD) affects approximately 1 out of every 3,500 male infants (about 20,000 new cases a year). This form of muscular dystrophy results from mutations in the dystrophin gene that lead to an absence of dystrophin in muscle cells, allowing these cells to be easily damaged. Boys living with DMD experience devastating muscle weakness that affects the skeletal muscles, heart, and respiratory muscles. Symptoms of DMD typically develop prior to age 5, and by age 12 most patients are confined to a wheelchair.

**Funding Details:**
- **Investigator-Initiated Research Award** - Maximum funding of $600,000 in direct costs (plus indirect costs) Period of performance not to exceed 3 years Optional Interdisciplinary Collaborator: Additional maximum of $150,000 in direct costs over the 3-year period of performance. Optional Nested Traineeship: Additional maximum of $50,000 for residents or $30,000 for medical students in direct costs (plus indirect costs) over a 1-year period of performance.
- **Career Development Award** - Maximum funding of $275,000 in direct costs (plus indirect costs) Period of performance not to exceed 2 years.

**Additional Details**
- **LOI Deadline:** August 29, 2018 (Investigator-Initiated Research Award)  
  November 14, 2018 (Career Development Award)  
  (A pre-application is required and must be submitted through eBRAP)  
- **Internal HRS Deadline:** November 21, 2018  
- **Sponsor Deadline:** December 5, 2018
In this issue:

- **Rapid Research Fund for Ebola Virus Disease Outbreaks – Call for Research Proposals – NOTIFY ROADS ASAP, Initial Draft Deadline ASAP, Final Draft Deadline July 9**
- **Social Sciences and Humanities Research Council (SSHRC) Special Call: Indigenous Research Capacity and Reconciliation—Connection Grants – NOTIFY ROADS July 3, 2018, Initial Draft Deadline August 16, 2018**
- **Department of Defense (DoD) Congressionally Directed Medical Research Programs: FY18 FY 18 Kidney Cancer Research Program (KCRP) – Grants; LOI deadline July 11, September 5, 2018**
- **The Leaky Foundation Research Grants – Application deadline July 15, 2018**
- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Epilepsy Research Program (ERP) – Grants – LOI deadlines July 26, 2018, September 20, 2018**
- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Orthopaedic Research Program (PRORP) – Grants – Pre-application deadline July 30, 2018**
- **William T. Grant Foundation – Research Grants – LOI deadline August 1, 2018**
- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP) – LOI deadlines August 29, November 14, 2018**
- **Canada Council for the Arts: Explore and Create – Application deadlines September 12 and October 10, 2018**
• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Alzheimer’s Research Program (PRARP) – LOI deadlines September 20, 2018

• Mind and Life Institute: Francisco J. Varela Research Grants – Application deadline September 28, 2018

• Mitacs – Career Connect: Internships – Application deadline October 1, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Lupus Research Program (LRP) – Grants – LOI deadlines October 10, 2018

• Fulbright Canada: Awards for Canadian Scholars – Application deadlines November 15, 2018

Previously announced:

• Canadian Glycomics Network (GlycoNet): GlycoNet Request for Proposals – Cycle II – Registration deadline July 3, 2018; LOI deadline August 8, 2018

• Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Notify ROADS of Intent to Apply by July 3, 2018; SSHRC Application deadline August 1, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Spinal Cord Injury Research Program (SCIRP) – Grants – Pre-application deadlines July 9, 2018

• Tinker Foundation Inc.: Institutional Grants - Letter of Inquiry deadline July 9, 2018; Application deadline September 15, 2018

• National Geographic Society: Grants – Application deadline July 10, 2018

• Leukemia & Lymphoma Society of Canada: Webcast – July 10, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants – Pre-application deadline July 11, 2018

• Hamilton Community Foundation: The Dougher Community Fund – Application deadline July 13, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP): Grants – Pre-application deadline July 13, 2018

• Canadian Blood Services: Blood Efficiency Accelerator Award Program – Application deadline July 15, 2018

• Investigating in the Pathogenesis of Infectious Disease (PATH) Award – Pre-proposal deadline July 16, 2018; Conference Calls – June 26, 2018

• World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program – Application deadline July 16, 2018
• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Bone Marrow Failure Research Program (BMFRP): Grant – Pre-application deadline July 16, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Hearing Restoration Research Program – Grants – Pre-proposal deadlines July 17, 2018

• Autism Speaks: 2018 Treatment Research Grants – deadline July 18, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants – Pre-application deadlines July 19, August 16, September 6, 2018

• Canadian Frailty Network in partnership with the Canadian Institutes of Health Research (CIHR) Institute of Aging; CIHR Institute of Circulatory and Respiratory Health; CIHR Institute of Musculoskeletal Health and Arthritis; Canadian Space Agency: 2018 Understanding the Health Impact of Inactivity Funding Opportunity – Registration deadline July 24, 2018; Application deadline August 21, 2018

• National Multiple Sclerosis Society: Grants, Pilot and Center Awards – Pre-application deadlines July 25, 2018, August 30, 2018, September 10, 2018, August 8, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants – Pre-application deadline, July 25, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants – Pre-application deadline July 26, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Lung Cancer Research Program (LCRP): Grants – Pre-application deadline July 26 and September 6, 2018

• Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants – NSERC Discovery Grants Webinars June 19 and July 12, 2018; ROADS Discovery Grants Information Session June 5, 2018; ROADS draft Notification of Intent to Apply deadline July 18, 2018; NSERC Notification of Intent deadline August 1, 2018

• Weston Brain Institute: Grants – Webinar June 14, 2018; Letter of Intent deadline August 1, 2018

• CMHC: National Housing Conference – Call for Papers – deadline August 1, 2018

• Harry Frank Guggenheim Foundation: Research Grants – Application deadline August 1, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP): Grant – Pre-application deadline August 28, 2018

• The Conserver Society of Hamilton and District Inc.: Ed Smee Fund – Notice of Interest deadline August 30, 2018

• John Templeton Foundation: Grants – Online Funding Inquiry deadline August 31, 2018

• Leukemia & Lymphoma Society: Specialized Centre of Research Program – Letter of Intent deadline
August 31, 2018

- **Louisville Institute: Grants** – Application deadlines September 1, October 1, November 1, 2018, January 15, 2019

- **Lyle Spencer Research Awards** – Webinar date September 5, 2018; LOI deadline October 2, 2018

- **Partnership For Clean Competition: Research Grants** – Pre-Application deadline November 1, 2018; Micro-Grants – no application deadline


- **ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding** – Notify ROADS of Intent to Apply ASAP

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)** – Anticipated to be posted in June 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18/19 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)** – Anticipated to be posted in June 2018 – Anticipated to be posted in June 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program (Pre-Announcement)** - Anticipated to be posted in June 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program (Pre-Announcement)** - Anticipated to be posted in June 2018

- **Weston Brain Institute, Big Ideas: Canada** – Letter of Intent accepted on a rolling basis

- **Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program** – Applications are accepted at all times.

- **Shastri Indo-Canadian Institute: Grants** – Applications are open submissions

- **Weston Brain Institute, Early Phase Clinical Trials: Canada** – Letter of Intent is accepted on a rolling basis.

- **Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops** – Open Call – Applications are accepted on a rolling basis.

- **Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences** – Letters of Intent are accepted on a rolling basis.
Rapid Research Fund for Ebola Virus Disease Outbreaks – Call for Research Proposals

The International Development Research Centre (IDRC), Canadian Institutes of Health Research (CIHR), and Social Sciences and Humanities Research Council of Canada (SSHRC) are pleased to announce the Rapid Research Fund for Ebola competitive Call.

The Rapid Research Fund (RRF) for Ebola Virus Disease Outbreaks is intended to support social sciences, humanities, public health and/or health systems research aimed at more effectively containing the current Ebola outbreak in the Democratic Republic of Congo (DRC), as well as potential future outbreaks, more readily. The focus of the supported research will be to inform the response to the current Ebola outbreak in DRC, with the aim of improving prevention and preparedness efforts to future Ebola or similarly significant infectious disease outbreak threats in the region.


Value: ($1.5 million) up to $360,000 per project for up to 2 years

Application Process: The initial draft of the application is due to ROADS ASAP. The final drafts, and a completed and signed Application Approval Form, are due to ROADS by July 9, 2018. Please note, applications received after this date may not receive full review. All applications must be submitted through the online application system by 12:00 p.m. EST on July 13, 2018.

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519, if you intend to apply.

Social Sciences and Humanities Research Council (SSHRC) Special Call: Indigenous Research Capacity and Reconciliation—Connection Grants

Indigenous Research Capacity and Reconciliation—Connection Grants support interdisciplinary events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives to contribute to the Canada Research Coordinating Committee (CRCC)-prioritized national dialogue. These events and activities represent opportunities to engage and exchange knowledge on successful ways of conducting Indigenous research that are transformative and contribute to reconciliation, including holistic, interdisciplinary and distinctions-based approaches.

Note: The leadership and governance of proposed projects must involve the participation of First Nations, Métis or Inuit communities.

This call for proposals affirms the important, holistic and interdisciplinary contributions to human knowledge that Indigenous knowledge systems make. Furthermore, the call respects Indigenous knowledge systems, including ontologies, epistemologies and methodologies, as important avenues for exploring the contours of
Indigenous knowledge, supporting Indigenous research paradigms, contributing to interdisciplinary collaboration and extending the boundaries of knowledge in western research paradigms. As such, applicants are encouraged to submit projects that are holistic and interdisciplinary, and that reflect the full range of collaboration across disciplines and subject areas pertaining to the social sciences and humanities; natural sciences and engineering; and health and wellness.


Value: up to $50,000 for up to 6 months

The initial draft of the application and letters of support are due to ROADS by August 16, 2018.
The final drafts, and a completed and signed Application Approval Form, are due to ROADS by August 30, 2018. Please note, applications received after this date may not receive a full review.
ROADS will submit the application to SSHRC via email by 5:00 p.m. September 6, 2018.

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

Department of Defense (DoD) Congressionally Directed Medical Research Programs: FY18 FY 18 Kidney Cancer Research Program (KCRP) – Grants
The Department of Defence has recently announced the following funding opportunities:

1) **Concept Award**, the objective: to support highly innovative, untested, potentially ground breaking novel concepts in kidney cancer. This award mechanism supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of kidney cancer or develop an innovative and novel course of investigation.


Value: up to $75,000 for up to 1 year.

Application Process: The LOI deadline for the Concept Award is July 11, 2018. The application deadline is August 8, 2018.

2) **Idea Development Award**, the objective: to support innovative ideas and high impact approaches based on scientifically sound evidence to move toward the KCRP vision of eliminating kidney cancer. The research project should include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach relevant to active duty Service members, Veterans, other military beneficiaries, and the American public. Personnel on the proposed team should have a strong background in kidney cancer research.
The Leakey Foundation Research Grants

The Leakey Foundation Research Grants exclusively funds research related specifically to human origins. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation.

https://leakeyfoundation.org/grants/research-grants/

Value: For Doctoral Students: between $3,000 - $15,000. For Senior Scientists: up to $25,000.

ROADS Contact: Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

Patient-Centered Outcomes Research Institute (PCORI): Implementation of Effective Shared Decision Making Approaches in Practice Settings – Cycle 2 2018

This initiative will support projects that propose active, multi-component approaches to implementing effective shared decision-making strategies that address existing barriers and obstacles to uptake and maintenance of shared decision-making. The SDM strategy must have demonstrated effectiveness on patient, caregiver, or healthcare provider decision making using widely accepted metrics; the corresponding implementation approach must have potential for use and scalability beyond the targeted implementation setting.

https://www.pcori.org/funding-opportunities/announcement/implementation-effective-shared-decision-making-cycle-2-2018

Value: Total Direct or $1.5 million up to $6.5 million for up to 3 years

Application Process: The LOI for the PCORI opportunity is July 24, 2018 by 5 pm. The Application deadline is October 10, 2018 by 5 pm.

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Epilepsy Research Program (ERP) - Grants

The Department of Defence has recently announced the following funding opportunities:

1) Longitudinal Risk Factors Award, the objective: to support a large-scale, prospective, longitudinal epidemiological research study that is relevant to the characterization of PTE. Applications must address the following FY18 ERP LRFA Longitudinal Studies Focus Area.

- Longitudinal Studies: Studies of the natural evolution of post-traumatic epileptogenesis, which may include:
  Seizure frequency and severity; Comorbidities (e.g., depression, functional deficits, sleep disorders, major illness); Latency between injury and PTE; Mortality; Treatment; Quality of life of individuals with PTE


Value: up to $2.5 million for up to 4 years.

Application Process: The Pre-application deadline for the longitudinal risk Factors Award is July 26, 2018. The application deadline is October 4, 2018.
2) **Idea Development Award**, the objective: to solicit research to understand the magnitude and underlying mechanisms of PTE related to the ERP’s mission. The focus areas of the ward are Epidemiology, Makers and mechanisms, and Longitudinal Studies. This award offers two levels of funding: **Level 1** – is intended to support high-risk or high-gain applications with Principal Investigators (PIs) at or above the level of a postdoctoral fellow (or equivalent), but below the level of Assistant Professor (or equivalent). **Level 2** - is intended to support a more mature, hypothesis-driven research project.


**Value:** **Level 1**: up to $300,000 for up to 2 years. **Level 2**: up to $500,000 for up to 3 years.

**Application Process:** The LOI deadline for the Idea Development Award is **September 20, 2018**. The application deadline is **October 4, 2018**.

**Announcement Website:** [http://cdmrp.army.mil/funding/erp](http://cdmrp.army.mil/funding/erp)

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs:**

**FY18 Peer Reviewed Orthopaedic Research Program (PRORP) - Grants**

The Department of Defense has recently announced the following funding opportunities:

1) **Applied Research Award**, the objective: to seek applied research applications focused on advancing optimal treatment and restoration of function for individuals with musculoskeletal injuries sustained during combat or combat-related activities. Applicants are encouraged to address how the proposed research will support patient care closer to the point of injury and/or allow patients to more quickly return to duty/work. It is expected that any research findings would also provide benefit to the general population.


**Value:** up to $750,000, for up to 3 years

**Application deadline:** The Pre-application deadline is **July 30, 2018**. The Application deadline is October 24, 2018.

**Announcement website:** [http://cdmrp.army.mil/funding/prorp](http://cdmrp.army.mil/funding/prorp)

**ROADS Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**William T. Grant Foundation – Research Grants**

The objective: to fund research that increases understanding in one of our two focus areas:

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.
The Foundation seeks research that builds stronger theory and empirical evidence in these two areas. They intend for the research that they support to inform change. While the Foundation does not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

The Foundation also strives to support a diverse group of researchers in terms of race, ethnicity, gender, and seniority. They especially encourage high-quality research projects led by African American, Latino, Native American, and Asian American researchers.

http://wtgrantfoundation.org/grants/research-grants

Value: Reducing Inequality Grants – between $100,000 - $600,000 for 2 – 3 years. Improving the use of Research Initiative – between $100,000 - $1,000,000 for 2 – 4 years.

Application Process: The LOI deadline for the Research Grants is August 1, 2018 at 3:00PM

ROADS Contact: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

2018 Large Scale Applied Research Project Competition “Genomics Solutions for Agriculture, Agri-food, Fishers and Aquaculture” – Request for Applications (RFA)

Genome Canada, together with Agriculture and Agri-food Canada (AAFC), has announced a Request for Applications (RFA) for the 2018 Large Scale Applied Research Project Competition “Genomics Solutions for Agriculture, Agri-Food, Fisheries and Aquaculture”. The Competition aims to support projects that have the potential to provide new approaches that can improve disease and pest resistance in our crops, livestock and fish, increase our understanding of soil and aquatic microbiomes, and improve our ability to monitor and assess wild fish populations.

http://www.ontariogenomics.ca/funding-opportunities/open-competitions/2018-lsarp/

Value: approximately $30 million available for this competition through Genome Canada and up to $16 million from AAFC for up to 4 years.


Informational Webinar:

Ontario Genomics will be hosting an informational webinar to address any questions on this funding opportunity.

Date and Time: June 28, 2018 at 1:00PM

Contact: Caitlin Taylor, Senior Manager of Research and Business Development at ctaylor@ontariogenomics.ca.
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP)

The Department of Defense has recently announced the following funding opportunities:

1) **Investigator-Initiated Research Award (IIRA)**, the objective: to support translational research that will accelerate the movement of promising ideas in Duchenne research into clinical applications. Translational research may be defined as an integration of basic science and clinical observations with the specific goal of developing new therapies. The ultimate goal of translational research is to move a concept or observation forward into clinical application.


   **Value:** IIRA Funding Level up to $600,000 for up to 3 years. IIRA and Optional Interdisciplinary Collaborator Funding Level up to $750,000 for up to 3 years.

   **Application Process:** The Pre-application deadline for the Investigator-Initiated Research Award is August 29, 2018. The application deadline is December 5, 2018.

2) **Career Development Award**, the objective: to support early-career investigators in conducting impactful Duchenne research under the mentorship of an experienced muscular dystrophy researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of Duchenne research. Applicants should also demonstrate that the proposed research has high potential to lead to or make breakthroughs in Duchenne.


   **Value:** up to $275,000 for up to 2 years.

   **Application Process:** The LOI deadline for the Career Development Award is November 14, 2018. The application deadline is December 5, 2018.

   **Announcement Website:** http://cdmrp.army.mil/funding/dmdrp

   **ROADS Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canada Council for the Arts: Explore and Create

The objective of Explore and Create is to 1) support artists’ research, development, creation and production of work, and professional development, and 2) support Canadian artists, artistic groups and organizations committed to the creation and dissemination of innovative, vibrant and diverse art.

The program advances Canadian artistic practices by encouraging artists to a) investigate creative processes, and b) take risks that lead to the development of unique works destined to connect with the public. Canada Council for the Arts has announced the following:

1) Research and Creation, the objective: to support the initial stages of the creative process. The grants provide support for creative research, creation, and project development.
http://canadacouncil.ca/funding/grants/explore-and-create/research-and-creation

Value: up to $25,000 to a maximum of $50,000 over 2 years

Application process: Profile Validation Deadline – Applicants must create an account and submit one or more profile(s) for validation at least 30 days before they want to apply. The Application deadline is September 12, 2018.

2) Professional Development for Artists, the objective: to support the career growth/professional advancement of Canadian artists and artistic groups by encouraging participation in a wide range of development opportunities. The grants fund activities in all artistic disciplines.
http://canadacouncil.ca/funding/grants/explore-and-create/professional-development-for-artists

Value: up to $10,000 for duration of project

Application Process: Profile Validation Deadline – Applicants must create an account and submit one or more profile(s) for validation at least 30 days before they want to apply. The Application deadline is October 10, 2018.

Announcement Website: http://canadacouncil.ca/funding/grants/explore-and-create

ROADS Contact: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Alzheimer’s Research Program (PRARP)

The Department of Defense has recently announced the following funding opportunities:

1) Convergence Science Research Award (CSRA), the objective: to support efforts to generate research resources, tools, or novel research efforts for researchers and/or practitioners in health sciences.

Value: up to $500,000 for up to 3 years
2) **Quality of Life Research Award (QUAL),** the objective: to support preclinical, basic, epidemiological, or quality-of-life research to alleviate or characterize the common symptoms of TBI and AD/ADRD related to the PRARP’s mission.


**Value:** up to $500,000 for up to 3 years

3) **New Investigator Research Award (NIRA),** the objective: to support early-career investigators interested in novel research efforts or new technologies within TBI and AD/ADRD.


**Value:** up to 225,000 for up to 3 years

4) **Research Partnership Award (RPA),** the objective: to create an avenue for partnerships between investigators to address a research problem or question in a manner that would be unachievable through separate efforts.


**Value:** up to $1,300,000 for up to 3 years

**Application Deadline:** The LOI deadline for the above funding opportunities is **September 20, 2018.** The Application deadline for the above funding opportunities is **October 4, 2018.**

**Announcement Website:** [http://cdmrp.army.mil/funding/prarp](http://cdmrp.army.mil/funding/prarp)

**ROADS Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Mind and Life Institute: Francisco J. Varela Research Grants**

The Varela Grants fund rigorous examinations of contemplative techniques with the ultimate goal that findings derived from such investigations will provide greater insight into contemplative practices and their application for reducing human suffering and promoting flourishing. Proposals are encouraged across broad domains, including: cognitive science, clinical psychology, education, anthropology, neuroscience, health/medical, social science, and humanities.

https://www.mindandlife.org/varela-grants/

**Value:** up to $15,000 is awarded annually.

**Application Process:** the application deadline is **September 28, 2018.**

**ROADS Contact:** Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Mitacs – Career Connect: Internships

Mitacs Career Connect provides meaningful work experience for young graduates while helping companies find the talent they need to grow their business. We currently have opportunities for projects that aim to protect the environment, create positive environmental outcomes, or address an environmental or climate change-related challenge.

Eligible hiring organizations include:

• Post-secondary institutions
• For-profit organizations, including sole proprietorships
• Provincial, territorial, regional, and municipal governments
• Not-for-profit, non-governmental, and Indigenous organizations

Eligible interns must be: Between 15 and 30 years old at the start of their internship, a post-secondary graduate, a Canadian citizen, permanent resident, or refugee


Value: between $20,000 - $25,000 for up to 6 months

Application Process: The application deadline for the Mitacs Career Connect Grant is October 1, 2018.

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Lupus Research Program (LRP) – Grants

The Department of Defense has recently announced the following funding opportunities:

1) **Concept Award**, the objective: to support the exploration of highly innovative new concepts or untested theories that address important problems relevant to lupus. This award mechanism supports high-risk, high-reward studies that have the potential to reveal entirely new avenues for investigation. The application must describe how the new idea will enhance the existing knowledge of lupus or develop an innovative and novel course of investigation.


Value: up to $150,000 for up to 1 year.

Application Process: The LOI deadline for the Concept Award is October 10, 2018. The application deadline is November 7, 2018.

2) **Impact Award**, the objective: support the full spectrum of research projects or ideas that specifically focus on scientific and clinical lupus issues, which, if successfully addressed, have the potential to make a major impact...
in lupus research. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale that is established through inferential reasoning and/or critical review and analysis of the literature. Inclusion of preliminary data is encouraged.


Value: up to $525,000 for up to 3 years.

Application Process: The LOI deadline for the Impact Award is October 10, 2018. The application deadline is November 7, 2018.

Announcement Website: http://cdmrp.army.mil/funding/lrp

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Fulbright Canada: Awards for Canadian Scholars

Fulbright Canada has recently announced the following Awards for Canadian Scholars:

1) Canadian Traditional Scholar Awards, the objective: to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research center of their choice in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States and the relationship between the two countries. Applicants should also clearly document the need to be in residence in Canada to carry out the project.

http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html

Value: up to $12,500 for one semester, September 2019 or January 2020.

Application Process: The application deadline for the Canadian Traditional Scholar Awards is November 15, 2018 at 5pm.

2) Canadian Visiting Research Chairs are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions.

http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html

Value: up to $25,000 for one semester, September 2019 or January 2020.
**Application Process:** The application deadline for the Canadian Visiting research Chairs is **November 15, 2018.**

**Application Process:** [http://www.fulbright.ca/programs/canadian-scholars.html](http://www.fulbright.ca/programs/canadian-scholars.html)

**ROADS Contact:** Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Previously Announced:

**Canadian Glycomics Network (GlycoNet): GlycoNet Request for Proposals – Cycle II**

GlycoNet is soliciting Letters of Intent (LOIs) for projects to form the basis of GlycoNet’s Cycle II Renewal application. A key goal of GlycoNet is to support research projects that are multi-disciplinary, as defined by the NCE program.

[GlycoNet Request for Proposal - Cycle II Competition.pdf](GlycoNet_Request_for_Proposal_-_Cycle_II_Competition.pdf)

**Value:** maximum $200,000 for up to 2 years.

**Application Process:** Potential applicants must register via email by July 3, 2018. The LOI submission deadline is August 9, 2018.

**Roads Contact:** Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

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

The objective of the [Connection Grant](http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/connection_grants-subventions_connexion-eng.aspx) is to support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. Events and outreach activities funded by this grant may often serve as a first step toward more comprehensive and longer-term projects, potentially eligible for funding through other SSHRC funding opportunities.

Connection Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding (review [Subject Matter Eligibility](http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx)).

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

a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;

b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;

c) 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

d) international research collaboration and scholarly exchanges between researchers, students and non-academic partners from other countries.

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

Value:
*Event* funding: maximum $25,000 over 1 year (the minimum request required is $7,000)
*Outreach Activities* funding: maximum $50,000 over 1 year

SSHRC will not fund the full cost of any Connection event or outreach activity. Additional support in the form of cash and/or in kind contributions (excluding registration fees) equivalent to a minimum of 50% of the amount requested from SSHRC must come from sponsoring organizations. Applicants may draw on complementary funding from SSHRC research grants and/or other research funding agencies, however, must make clear in their budget proposal that there is no duplication of financial support for the same budget expenses. While SSHRC funds may be used in this complementary way, these funds cannot be counted towards the 50% requirement for matching funds.

**Application process:**
Notify ROADS of Intent to Apply by **ASAP**. The initial draft of the application and letters of support are due to ROADS by **July 3, 2018**. The final draft and a completed and signed Application Approval Form are due to ROADS by **July 24, 2018**. The SSHRC application deadline is **August 1, 2018**.

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Spinal Cord Injury Research Program (SCIRP) – Grants**

The Department of Defense has announced the following awards:

1) **Investigator-Initiated Research Award**, the objective: to support studies that have the potential to make an important contribution to SCI research, patient care, and/or quality of life.


**Value:** maximum $500,000 for up to 3 years.

**Application Process:** The pre-application deadline for the Investigator-Initiated Research Award is **July 9, 2018**.

2) **Qualitative Research Award**, the objective: to support qualitative research studies that will help researchers and clinicians better understand the experiences of individuals with SCI and thereby identify the most effective path(s) for adjusting to disability and/or improving overall quality of life, health, and functional status after SCI.


**Value:** maximum $500,000 for up to 3 years.

**Application Process:** The pre-application deadline for the Qualitative Research Award is **July 9, 2018**.
3) **Transitional Research Award**, the objective: to support translational research that will accelerate the movement of promising ideas in SCI research into clinical applications. The ultimate goal of translational research is to move an observation forward into clinical application and accelerate the clinical introduction of healthcare products, technologies, or practice guidelines.


**Value:** Maximum $1,250,000 for up to 3 years.

**Application Process:** The pre-application deadline for the Transitional Research Award is **July 9, 2018**.

**Announcement Website:** [http://cdmrp.army.mil/funding/scirp](http://cdmrp.army.mil/funding/scirp)

**Roads Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Tinker Foundation Inc. Institutional Grants**

The objective of the **Institutional Grants** program is to support the creation of effective policy changes to improve the lives of Latin Americans.

Five program areas have been identified in which focused, expert research and innovation has the potential to make significant positive impact:

- Democratic Governance, [http://www.tinker.org/content/democratic-governance](http://www.tinker.org/content/democratic-governance)
- Education, [http://www.tinker.org/content/education](http://www.tinker.org/content/education)
- Sustainable Resource Management, [http://www.tinker.org/content/sustainable-resource-management](http://www.tinker.org/content/sustainable-resource-management)

All projects must have a strong public policy component, offer innovative solutions to problems facing these regions, and incorporate new mechanisms for addressing these programmatic areas.

Activities may include but are not restricted to research projects, workshops, and conferences.

The Foundation encourages collaboration among organizations in the United States and Latin America, and prefers to fund those institutions that are actively engaged with external stakeholders in addressing an issue of concern. Funding for general support may be considered on a limited basis.

[https://www.tinker.org/content/institutional-grants](https://www.tinker.org/content/institutional-grants)

**Value:**

Applicants submit a budget and estimate the duration of their project.

**Application process:**

The Tinker Foundation letter of inquiry deadline is **July 9, 2018**. The application deadline is **September 15, 2018**.

**ROADS Contact:**

Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
National Geographic Society: Grants

The National Geographic Society supports bold, innovative and potentially transformative projects that have a primary focus in conservation, education, research, storytelling, or technology.

The National Geographic Society has recently announced the following funding opportunities:

1) **Early Career Grant**, the objective: to offer less experienced individuals an opportunity to lead a project. Applicants are not required to have an advanced degree. Applicants with more than five years of professional experience in the field of their project focus are not eligible to apply.
   Value: $5,000 - $10,000 USD, maximum 1 year
   review Eligibility at [https://www.nationalgeographic.org/grants/eligibility/](https://www.nationalgeographic.org/grants/eligibility/)

2) **Exploration Grant**, the objective: to support experienced project leaders. The applicant and his or her team members are expected to demonstrate successful completion of similar projects with measurable and/or tangible results.
   Value: $10,000 - $30,000, maximum 1 year
   [https://www.nationalgeographic.org/grants/preparing-your-proposal/](https://www.nationalgeographic.org/grants/preparing-your-proposal/)

3) **Requests for Proposals**, the objective: to support certain key issues; **“Documenting Human Migrations”**
   Value: Typical proposal requests should be less than $30,000; however, applicants may request up to $70,000. (up to 20% of the total may be used as a stipend for the applicant and/or team members)

Announcement website: [https://www.nationalgeographic.org/grants/grant-opportunities/](https://www.nationalgeographic.org/grants/grant-opportunities/)

Application process:
The National Geographic Society application deadline is **July 10, 2018**.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

Leukemia & Lymphoma Society of Canada: Webcast

Researchers are studying new methods that could improve the treatment of CML. Advances in cancer treatment and new ways to relieve side effects have resulted in increased quality of life and a better prognosis for many people with this disease.

**Speaker:** Dr. David Sanford, MD, FRCPC, with a 15-minute Q&A period.

**Date:** July 10, 2018, 2:15 pm EST – 3:15 pm EST

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants

The DoD TSCRP has recently announced the following funding opportunities:

1) **Exploration Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field. The studies are expected to generate preliminary data for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.


   **Value**: maximum $100,000 over a maximum 2 years

   **Application process**: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

2) **Idea Development Award**, the objective: to support 1) ideas that have the potential to yield high-impact findings and new avenues of investigation, 2) conceptually innovative research that could ultimately lead to critical discoveries in TSC and/or improvements in patient care. Research projects should include a well-formulated, testable hypothesis based on strong preliminary data and scientific rationale.


   **Value**: maximum $450,000 over a maximum 3 years

   **Application process**: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

**Announcement Website**: [http://cdmrp.army.mil/funding/tscrp](http://cdmrp.army.mil/funding/tscrp)

**ROADS contact**: Miky (Mihaela) Dumitrescu, Senior Advisor, at [dumitrm@mcmaster.ca](mailto:dumitrm@mcmaster.ca) or extension 21548

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**Hamilton Community Foundation: The Dougher Community Fund**

The objective of the **Dougher Community Fund** is to support and enhance services and facilities offered in the area formerly known as the Town of Dundas.

Applications will be considered in the following areas:

- Supports and services for seniors/persons with disabilities
- Poverty alleviation
- Youth engagement and support
- Environmental issues
- Accessibility to the arts

[https://www.hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/](https://www.hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/)

**Value**: Applicants submit a budget for 1 year of funding.

**Application process**: The Hamilton Community Foundation application deadline is **July 13, 2018**.
Department of Defense (DoD), Congestionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP): Grants

The DoD has recently announced the following GWIRP funding opportunities:

1) **Investigator Initiated Focused Research Award (IIFRA)**, the objective: to promote new ideas, support research, or continued development of applied research in GWI that is aimed at diagnosis, or therapeutic advancement. Applications must articulate the pathway to making a clinical impact for Veterans with GWI, even if a clinical impact is not an immediate outcome. All applications must focus on Veterans of the 1990-1991 Gulf War affected by GWI.


   In FY2017, the GWIRP awarded infrastructure support for a GWI Biorepository. The “**Boston Biorepository, Recruitment, and Integrative Network for GWT**” has now been established for the retention and distribution of biospecimens and/or data related to GWI research. Applicants to the FY18 GWIRP are encouraged to contribute biospecimens and data to this repository network.

   **Value:** The GWIRP, IIFRA offers a nested **Biorepository Contribution Option** with higher levels of funding for qualified applications.

   **Tier 1 – Discovery**, maximum $250,000 over 2 years; **Discovery with Biorepository Contribution Option**: $266,000

   **Tier 2 – Applied Research**, maximum $700,000 over 3 years; **Applied Research with Biorepository Contribution Option**: $716,000

2) **Qualitative Research Award**, the objective: to support qualitative research studies that seek to understand the experiences, perceptions, barriers, and beliefs of Veterans suffering from GWI and those responsible for their care. All applications must focus on Veterans of the 1990-1991 Gulf War affected by GWI.

   Observations that drive a research idea may be derived from basic discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data.


   **Value**: maximum $450,000 over 3 years

**Application process:**

The DoD pre-application deadline for the above funding opportunities is **July 13, 2018**. The Application deadline is **November 8, 2018**.
Canadian Blood Services: Blood Efficiency Accelerator Award Program

The objective of the *Blood Efficiency Accelerator Award Program* is to 1) improve the efficient and appropriate utilization of *blood products* while maintaining the safety of the blood system, 2) support innovative research projects that seek new knowledge, or accelerate the application of existing knowledge.

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

Team composition: All project teams require at least one Canadian Blood Services employee. Applicants are encouraged to contact *centreforinnovation@blood.ca* if help is needed to identify a Canadian Blood Services project team member.

Value: maximum $30,000 for 1 year

Application process: The Canadian Blood Services application deadline is **July 15, 2018**.


Investigating in the Pathogenesis of Infectious Disease (PATH) Award

The objective of the PATH award is: to support accomplished investigators to study pathogenesis, with a focus on the interplay between human and microbial biology, shedding light on how human and microbial systems are affected by their encounters.

Value: Up to $500,000 over 5 years

Application Process: The Pre-Proposal deadline for the PATH Award is **July 16, 2018**. The Application deadline is **November 15, 2018**.
**World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program**

The objective of the *Social Science Research Grant Program* is to support 1) anti-doping education programs, 2) relevant areas of social science research in the field of anti-doping to inform more effective doping prevention strategies.

WADA-supported research requires that anti-doping education programs and initiatives are grounded in scientific knowledge and evidence. All proposals, regardless of topic, should provide a strong rationale underpinned by a sound appraisal of the evidence base.

Proposals are invited for research that specifically “measures the effectiveness of existing anti-doping strategies and interventions”. Applicants must clearly demonstrate how the results of the proposed research have the potential to inform the development of effective doping prevention programs.

*The WADA seeks to expand the portfolio of social science research to include a diverse range encompassing, amongst other things: work based on single social science disciplines; research which combines disciplinary approaches; research focused on advancing scientific theory; and research aimed principally at developing practical applications.*


**Value:** $100,000 USD or more, maximum 3 years

**Application process:** The WADA application deadline is July 16, 2018.

**ROADS contact:** Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrmd@mcmaster.ca or extension 21548

**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Bone Marrow Failure Research Program (BMFRP): Grant**

The DoD has recently announced the following BMFRP funding opportunity:

*Ideas Development Award*, the objective: to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF.
Studies focused on BMF diseases and their progressions to other malignancies such as leukemia, are acceptable. Research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

The award is designed to support new ideas. Proposed research studies should have a high probability of revealing new avenues of investigation.


Value: maximum $325,000 over 2 years

Application process: The DoD pre-application deadline is July 16, 2018.

ROADS contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Hearing Restoration Research Program (HRRP) – Grants

The Department of Defense has announced the following funding opportunities:

1) Translational Research Award (TRA), the objective: to support translational research that will accelerate the movement of promising laboratory research relevant to hearing restoration into clinical applications. The ultimate goal of translational research is to move an observation forward into clinical application and accelerate the clinical introduction of healthcare products, technologies, or practice guidelines.


Value: up to $1 million for up to 3 years.

Application Process: The Pre-Proposal deadline for the Transitional Research Award is July 17, 2018.

2) Focused Research Award (FRA), the objective: to support applied research that will advance the diagnosis and treatment of auditory dysfunction where hearing sensitivity may be within normal limits but the individual’s capacity to listen and understand speech is substantially impaired.


Value: up to $1 million for up to 3 years.

Application Process: The Pre-Proposal deadline for the Transitional Research Award is July 17, 2018.
Autism Speaks: 2018 Treatment Research Grants

Autism Speaks invites Treatment Research Grant applications to conduct innovative studies of novel treatments and interventions for people with autism spectrum disorder (ASD) throughout the life span. These may include medical approaches such as pharmacological treatments and complementary and alternative forms of health care, as well as behavioral and/or psychosocial interventions.


**Value:** maximum $250,000 per year for up to 3 years, with a maximum of $750,000 per award.

**Application Process:** The LOI deadline for the 2018 Treatment Research Grants is **July 18, 2018.** The Application deadline is **September 19, 2018.**

**ROADS Contact:** Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

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Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants

The DoD PCRP has recently announced the following funding opportunities:

1) **Impact Award**, the objective: 1) to support research projects that have the strong potential to make a major impact on scientific and clinical prostate cancer issues, 2) to produce major advances toward eliminating death from prostate cancer, 3) to enhance the well-being of Service members, Veterans, and all men experiencing the impact of the disease.


To maximize the potential for impact, investigators are strongly encouraged to incorporate the following components into their study design, where appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments and epidemiological studies; validation in patient cohorts.

**Value:** maximum $750,000 over a maximum 3 years

**Application process:** The DoD pre-application deadline is **July 19, 2018.**

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2) **Early Investigator Research Award**, the objective: to support prostate cancer-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors.


Investigators are strongly encouraged to incorporate the following components into their study design, where
appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments; incorporation of experiments to assess clinical relevance; translatability of findings.

**Value:** maximum $200,000 over a maximum 2 years

**Application process:** The DoD pre-application deadline is **August 16, 2018.** The application deadline is **September 6, 2018.**

**Announcement Website:** [http://cdmrp.army.mil/funding/pcrp](http://cdmrp.army.mil/funding/pcrp)

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

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**Canadian Frailty Network in partnership with the Canadian Institutes of Health Research (CIHR) Institute of Aging; CIHR Institute of Circulatory and Respiratory Health; CIHR Institute of Musculoskeletal Health and Arthritis; Canadian Space Agency: 2018 Understanding the Health Impact of Inactivity Funding Opportunity**

The objective of this funding opportunity is to 1) support ambitious, innovative, multi-disciplinary, collaborative research projects to understand the health impacts of inactivity involving older adults, 2) develop solutions for improving the quality of life of older adults, and inform transitions in care, 3) mitigate health risks associated with life in space, and 5) include an exercise countermeasure intervention to mitigate the health impacts associated with inactivity and weightlessness.


A webinar was scheduled **May 24, 2018.** To receive the webinar slides and a questions and answers document, email [support@cihr-irsc.gc.ca](mailto:support@cihr-irsc.gc.ca).

**Value:**
maximum $200,000 for a maximum 18 months


**Application process:**
The registration deadline is **July 24, 2018.** The application deadline is **August 21, 2018.**

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

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**National Multiple Sclerosis Society: Grants, Pilot and Center Awards**

The National Multiple Sclerosis (MS) Society has recently announced the following funding opportunities:
1) **Research Grants**, the objective: to support applications for studies that may serve to advance their 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.

[https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants)

**Value:** applicants are required to submit an estimate of the total cost of the proposed project, during the given cycle.

**Application Process:** The National MS Society: Research Grants pre-application deadline is **July 25, 2018.** The application deadline is **August 1, 2018.**

2) **Collaborative MS Research Centers**, the objective: to help stimulate collaboration and interaction in MS research among independent investigators, strengthen the ties between basic and clinical research, and stimulate recruitment of researchers from others fields in MS research.

[https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Collaborative-MS-Research-Centers](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Collaborative-MS-Research-Centers)

**Value:** applicants are required to submit an estimate of the total cost of the proposed project for the **first year** and to the **extent possible for subsequent years**, with a maximum of $150,000 per year for a **5 year term.**

**Application Process:** the National MS Society: Collaborative MS Research Centers pre-application deadline is **August 30, 2018.** The application deadline is **September 5, 2018.**

3) **Pilot Research Grants**, the objective: to fund 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.

[https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants)

**Value:** maximum $50,000 for 1 year

**Application Process:** The National MS Society: Pilot Research Grant pre-application deadline is **September 10, 2018.** The application review date is **September 12, 2018.**

4) **Harry Weaver Neuroscience Scholar Awards**, the objective: to award highly qualified candidates who have concluded their research training and begun academic careers as independent investigators in areas related to multiple sclerosis.


**Value:** maximum $30,000 in **year 1**, and may increase by $2,500 in subsequent years to a maximum of $40,000 in **year 5.**

Announcement Website: https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants

The DoD OCRP has recently announced the following funding opportunities:

1) Clinical Development Award, the objective: to support the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life. Near-term clinical impact is expected. Proof of concept demonstrating the potential utility of the proposed product, or a prototype/preliminary version of the proposed product should already be established. review Optional Nested Early-Career Investigator, page 4 at http://cdmrp.army.mil/funding/pa/FY18-OCRP-CDA.pdf

Value: maximum $600,000; Optional Nested Early-Career Investigator an additional $200,000 over 3 years

Application process: The DoD pre-application deadline is July 25, 2018. The application deadline is August 8, 2018.

2) Omics Consortium Development Award, the objective: to support a multi-institutional research effort conducted by leading ovarian cancer researchers and consumer advocates that specifically focuses on the compilation of new and/or use of existing, large datasets to study the origin of ovarian cancer disease, with an emphasis on early detection and screening.

The research team must include 1) at least one Early-Career Investigator who is within 5 years of his/her last postdoctoral research position (Ph.D.), clinical fellowship (M.D.), or equivalent, 2) at least one ovarian cancer consumer advocate, and 3) at least one Epidemiologist/Public Health Expert.


Value: maximum $400,000 over 2 years

Application process: The DoD pre-application deadline is July 25, 2018. The application deadline is August 8, 2018.

3) Ovarian Cancer Academy Award – Early-Career Investigator, the objective: to solicit additional Early-Career Investigators to join the existing Academy. This award enables the Early-Career Investigator (the Principal Investigator) to pursue an ovarian cancer project that may be basic, translational, and/or clinical research (and, new for FY18, clinical trials), under the guidance of a Designated Mentor. The Designated Mentor is not required to be at the same institution as the Early-Career Investigator.


Value: maximum $725,000 over 4 years; Designated Mentor, $30,000 per year

Application process: The DoD pre-application deadline is July 25, 2018. The application deadline is August 8, 2018.
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants

The DoD NFRP has recently announced the following funding opportunities:

1) **Exploration-Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in NF research. Innovative research may introduce a novel paradigm, challenge existing paradigms, examine existing problems from novel perspectives, or exhibit other highly creative qualities. All studies are expected to lay the groundwork for future avenues of scientific investigation. The presentation of preliminary and/or published data is encouraged, but not required. review *Areas of Emphasis*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-NFRP-EHDA.pdf]

**Value**: maximum $100,000 over a maximum 2 years

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

2) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to NF research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data. review *Areas of Emphasis*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-NFRP-IIRA.pdf]

**Value**: Single Principal Investigator, maximum $525,000 over a maximum 3 years; **Optional Qualified Collaborator**, maximum $575,000

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

3) **New Investigator Award**, the objective: to support the continued development of promising independent investigators and/or the transition of established investigators, from other research fields, into a career in the field of NF research. Prior experience in NF research is not required, however, Principal Investigators with a limited background in NF research are strongly encouraged to have a collaborator who is experienced in the NF field. Research projects may focus on any phase of research, excluding clinical trials. Applications must include preliminary and/or published data. review *Areas of Emphasis*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-NFRP-NIA.pdf]

**Value**: maximum $450,000 over a maximum 3 years

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

4) **Early Investigator Research Award**, the objective: to support NF-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor(s). review *Eligibility*, page 8 at [http://cdmrp.army.mil/funding/pa/FY18-NFRP-EIRA.pdf]
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Lung Cancer Research Program (LCRP): Grants

The DoD has recently announced the following LCRP funding opportunities:

1) **Concept Award**, the objective: to support the exploration of a highly innovative, new concept, or untested theory that addresses an important problem relevant to lung cancer.


   Investigators are strongly encouraged to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf)

   **Value**: maximum $100,000 over 1 year

   **Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

2) **Career Development Award**, the objective: to support early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher.


   Investigators are strongly encouraged to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 5 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf)

   This award is intended to support impactful research projects with an emphasis on discovery.

   **Value**: maximum $250,000 over 2 years

   **Application process**: The DoD pre-application deadline is **September 6, 2018**. The application deadline is **September 26, 2018**.


**ROADS contact**: Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants

1) The objective of the **Discovery Grant** is to:
• support creative, innovative, ongoing programs of research with long-term goals;
• promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
• foster research excellence; and
• provide a stimulating environment for research training.

Applicants to the Discovery Grants Program must apply with a program of research that is eligible under NSERC’s mandate (i.e., to promote and assist research in the natural sciences and engineering, other than health).

review Addendum to the guidelines for the eligibility of applications related to health, at http://www.nserc-crsng.gc.ca/NSERC-CRSNG/policies-politiques/Addendum-Addenda_eng.asp

http://nserc.ca/Professors-Professeurs/Grants-Subs/DGIGP-PSIGP_eng.asp

Webinars and Information Session
NSERC will host Discovery Grants webinars on the following dates:
Dates, time, link: July 12, 2018, 1:00-3:00pm,
https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/

Value:
Applicants submit a budget. Discovery Grants are normally awarded for 5 years.

Application process:
Applicants must submit a draft of the Notification of Intent to Apply to ROADS by July 18, 2018. The NSERC notification of intent deadline is August 1, 2018.

2) NSERC Subatomic Physics Discovery Grant (SAP-DG) – 2019 Competition
The objective of the SAP-DG Program is to assist in:

• promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
• fostering research excellence; and
• providing a stimulating environment for research training.

There are two types of SAP-DG: Individual and Project

review http://nserc.gc.ca/Professors-Professeurs/Grants-Subs/SPDG-SDPS_eng.asp

Literature specific to all Subatomic Physics Programs (Discovery, Major Resources Support (SAP-MRS), and Category 2 or 3 Research Tools and Instruments (SAP-RTI) is available on the NSERC website. Program descriptions are available in the Grants Programs Overview section of NSERC’s Program Guide for Professors. Instructions regarding application procedures are available in the Instructions section of the Research Portal.

Value:
Applicants submit a budget.
Individual: maximum 5 years
Project: maximum 3 years

Application process:
The NSERC SAP notification of intent (NOI) deadline is August 1, 2018 for SAP-DG, SAP-MRS, and Category 2 or 3 SAP-RTI grant applications.
The SAP NOI is mandatory. Researchers who do not submit a SAP NOI cannot submit a full application in the Fall.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

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**Weston Brain Institute: Grants**

The Weston Brain Institute has recently announced the following funding opportunities:

1) **Rapid Response: Canada 2019**, the objective: to provide seed funding to support novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging. Focus, *Parkinson’s and Related Diseases*: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; multiple system atrophy; prodromes; vascular contributions. All projects must involve the development of a therapeutic, and/or tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging. Preliminary data is not required.

**Value**: maximum $200,000 per project over a maximum 18 months; [http://westonbraininstitute.ca/rapid-response-canada-2019/](http://westonbraininstitute.ca/rapid-response-canada-2019/)

The Rapid Response program will have multiple calls per year, alternating between two different disease groups: PD-related diseases; Alzheimer disease (AD) -related diseases (to launch September 14, 2018).

2) **Transformational Research: Canada 2019**, the objective: to fund transformative, novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging, with excellent preliminary data. Focus, *Parkinson’s and Related Diseases*: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; multiple system atrophy; prodromes; vascular contributions. All projects must involve the development of a therapeutic and/or tool, and/or complementary approaches to accelerate the development of therapeutics for neurodegenerative diseases of aging.

**Value**: maximum $1,500,000 per project over a maximum 3 years; [http://westonbraininstitute.ca/transformational-research-canada-2019/](http://westonbraininstitute.ca/transformational-research-canada-2019/)

The Transformational Research program will have multiple calls per year, alternating between two different disease groups: PD-related diseases; Alzheimer disease (AD) -related diseases (to launch September 14, 2018).

**Application process:**
The Weston Brain Institute letter of intent deadline for the above funding opportunities is August 1, 2018.

**ROADS contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**CMHC: National Housing Conference – Call for Papers**
CMHC will be hosting a housing conference that will take place November 21 and 22, 2018 in Ottawa, Ontario. The conference will bring together national and international experts, practitioners, government officials and stakeholders from different fields representing diverse needs.

It will be an opportunity to innovate and collaborate on solutions for housing in Canada. It will create a forum to share and debate issues that touch the entire housing spectrum and systemic issues including:

- reducing homelessness
- increasing rental supply and access to affordable homeownership
- affordability in housing finance policy
- the overall stability of our housing system


**Application Deadline:** The abstract submission deadline for the National Housing Conference is **August 1, 2018.**

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

Harry Frank Guggenheim Foundation: Research Grants

The objective of the **Research Grant** is to support scholarly research on problems of violence, aggression and dominance.

The Foundation welcomes proposals from any of the natural and social sciences and the humanities, that promise to increase understanding of the causes, manifestations, and control of violence and aggression.

The highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. 

review **Research Priorities** at http://hfg.org/rp/youth.htm

http://hfg.org/

**Value:**
$15,000 - $40,000 per year for 1 or 2 years

**Application process:**
The Harry Frank Guggenheim Foundation application deadline is **August 1, 2018.**

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP): Grants

The DoD has recently announced the following PRCRP funding opportunity:

**Career Development Award**, the objective: to support independent, early-career investigators to conduct impactful research with 1) the guidance of an experienced cancer researcher, 2) an emphasis on discovery. review **Eligibility**, page 8, at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRCRP-CDA.pdf)

**Value**: maximum $360,000 over 3 years

**Application process**: The DoD pre-application deadline is **August 28, 2018**. The application deadline is **September 26, 2018**.

**Announcement Website**: [http://cdmrp.army.mil/funding/prcrp](http://cdmrp.army.mil/funding/prcrp)

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**The Conserver Society of Hamilton and District Inc.: Ed Smee Fund**

The objective of the **Ed Smee Fund** is to support 1) environmental issues, 2) environmental projects, 3) applications from community groups for small projects focused on education, research, or advocacy aimed at protecting the natural environment in Hamilton and Burlington.

All initiatives must meet the following criteria:

- has a defined timeframe;
- has the potential to effect change;
- is innovative;
- is a concern of a definable community; and
- is receiving, or applying for, funding from other sources (if appropriate).


**Value**: Requests of up to $4,500 will be considered for 2018.

**Application process**: The Conserver Society of Hamilton and District Inc. notice of interest deadline is **August 30, 2018**.

**ROADS contact**: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
John Templeton Foundation: Grants

The objective of the John Templeton Foundation is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the Big Questions. review Vision, Mission & Impact at https://www.templeton.org/about/vision-mission-impact

Core Funding Areas:
- Science & The Big Questions
- Exceptional Cognitive Talent & Genius
- Genetics
- Voluntary Family Planning;
- Character Development
- Individual Freedom & Free Markets

review Funding Areas at https://www.templeton.org/funding-areas

Value:
The Foundation has announced two grant types:
Small Grants: requests for $234,800 USD, or less
Large Grants: requests for more than $234,800 USD

Application process:
The John Templeton Foundation online funding inquiry deadline is August 31, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Leukemia & Lymphoma Society: Specialized Centre of Research Program (SCOR)

The objective of the SCOR grant program is to enhance the development of innovative strategies for the treatment, diagnosis, or prevention of hematological malignancies.

http://www.lls.org/research/specialized-center-of-research-program

Value: maximum $1,000,000 per year for 5 years

Application process: The Leukemia & Lymphoma Society letter of intent deadline is August 31, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Louisville Institute – Grants

The Louisville Institute has recently announced the following funding opportunities:
1) **Pastoral Study Project**, the objective: to allow pastoral leader’s time and resources to investigate issues related to Christian ministry and leadership, North American religious practices and institutions, or major challenges facing wider, contemporary society.  
https://louisville-institute.org/programs-grants-and-fellowships/grants/pastoral-study-project/  
**Value**: maximum $15,000 for a maximum of 18 months  
**Application process**: The Louisville Institute application deadline is **September 1, 2018**.

2) **Project Grant for Researchers**, the objective: to support research, reflection, and writing by academics and pastors concerning Christian faith and life, the practice of ministry, and/or religious institutions. Acceptable projects include those that may involve independent study, consultations, or collaborative projects involving pastors and academics  
https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/.  
**Value**: maximum of $30,000 for a maximum of one year.  
**Application process**: The Louisville Institute application deadline is **October 1, 2018**.

3) **Sabbatical Grant for Researchers**, the objective: to enable academics and religious leaders the ability to conduct a major study that can contribute to the validity of Christianity in North America, that 1) addresses Christian faith and life, 2) the practice of ministry, and/or 3) adaptive challenges confronting religious institutions.  
https://louisville-institute.org/programs-grants-and-fellowships/grants/sabbatical-grant-for-researchers/  
**Value**: maximum $40,000 for a maximum of one year.  
**Application process**: The Louisville Institute application deadline is **November 1, 2018**.

4) **First Book Grant for Minority Scholars**, the objective: to assist junior, non-tenured, religion scholars of colour to complete a major research project on an issue in North American Christianity, related to the priorities of the Louisville Institute (i.e., *to enrich the religious lives of Americans*).  
**Value**: maximum of $40,000 for a maximum of one year.  
**Application process**: The Louisville Institute application deadline is **January 15, 2019**.

**Announcement Website**: https://louisville-institute.org/programs-grants-and-fellowships/grants/  
**ROADS contact**: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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**Lyle Spencer Research Awards**

The objective of the Lyle Spencer Research Awards is to improving the practice of education, independent of any particular reform agendas or methodological strictures.  
https://www.spencer.org/lyle-spencer-research-awards/  
**Value**: maximum of $1 million  
**Application Process**: The Letter of Intent deadline is **October 2, 2018**.  
**Informational Webinar**
Partnership For Clean Competition (PCC): Research Grants and Micro-Grants

The PCC supports research that contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants, in all sports, at all levels of play. The PCC has recently announced the following funding opportunities:


**Value:** $10,000 - $400,000 (the average funding amount is $225,000)

The duration of the project is determined by the applicant. A **Pilot Project** receives funding for 1 year.

**Application Process:** The PCC **Research Grants** pre-application deadline is **November 1, 2018**

2) **Micro-Grants**, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge. [http://www.cleancompetition.org/programs/micro-grants-program/](http://www.cleancompetition.org/programs/micro-grants-program/)

**Value: Micro-Grants:** for projects requiring less than $75,000 and fewer than 6 months to complete

**Application process:** The PCC accepts **Micro-Grant** requests **year-round**.

**Announcement website:** [http://www.cleancompetition.org/](http://www.cleancompetition.org/)

**ROADS contact:** Virginia Viscardi, Senior Advisor, at **viscarvl@mcmaster.ca** or extension 24519

Government of Canada, Innovation, Science and Economic Development Canada: Accessible Technology Program

The objective of the **Accessible Technology Program** is to address the need for more assertive technologies for persons with disabilities. [https://www.canada.ca/en/innovation-science-economic-development/programs/accessible-technology/program-funding.html](https://www.canada.ca/en/innovation-science-economic-development/programs/accessible-technology/program-funding.html)

**Value:** Maximum $22.3 million for a maximum of 5 years

**Application process:** The Government of Canada application deadlines are:

- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
• June 2, 2020 to receive funding starting late 2020-21;
• January 2, 2021 to receive funding starting early 2021-22
• June 2, 2021 to receive funding starting late 2021-22

Contact: Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at yuyitun@mcmaster.ca or extension 23164

ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding
The Institute for Catastrophic Loss Reduction (ICLR) and the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centres of Excellence invite proposals from social scientists to quickly deploy to a disaster-affected area in the aftermath of an extreme event to collect perishable data. The objective: to support research that will learn from disaster events in order to better prevent disasters and protect communities in the future.

This joint funding opportunity is being made available under the ICLR Quick Response Program (QRP) and MEOPAR’s Prompt Data Collection Program (PDC).


Value: Applicants are required to submit a budget that cannot exceed $5,000 for a QRP application or $10,000 for a PDC application.

Application Process: There is no fixed deadline for submitting proposals, proposals are submitted and reviewed on an ongoing basis. NOTE: Notify ROADS of Intent to Apply ASAP.

ROADS Contact: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)

The DOD has announced a Joint DoD and VA grant based on Long-term Impact of Military-relevant Brain Injury Consortium (LIMBIC). The objective: to support a single consortium to study a large cohort of TBI subjects to include Service members and Veterans.


Value: Maximum of $25 million for up to 5 years, up to an additional $5 million per year for 5 year.

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.

Roads Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18/19 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)

The DOD has sent out pre-announcements for the following funding opportunities:

1) **CTRR – Clinical Research Award (CTRR-CRA)**, the objective: to support applied and translational research to advance the development of knowledge and materiel products for rehabilitation and restoration of function following TBI. Supported research can include preclinical studies using human subjects or samples and observational or mechanistic clinical research studies.

**Value:** Maximum of $2 million for up to 3 years.

**Application Process:** Pre-Proposal is required; **anticipated** application dates and awards information will be posted in **June 2018**.

2) **CTRR – Clinical Trail Award (CTRR-CTA)**, the objective: to support small, Phase I clinical trials to advance the development of knowledge and materiel products for rehabilitation and restoration of function following TBI in Service members, Veterans, and other individuals. Interventions should be limited, existing, and manualized. Studies may include seeking to optimize dosing in existing interventions.

**Value:** Maximum of $1.5 million for up to 2 years.

**Application Process:** Pre-Proposal is required; **anticipated** application dates and awards information will be posted in **June 2018**.

3) **CTRR – Clinical Trail Development Award (CTRR-CTDA)**, the objective: to support design and development of the necessary research resources that will serve as a foundation for investigator-initiated clinical trials as described above under CTRR – Clinical Trial Award (CTRR-CTA)

**Value:** Maximum of $200,000 for up to 1 years.

**Application Process:** Pre-Proposal is required; **anticipated** application dates and awards information will be posted in **June 2018**.


**Roads Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program (Pre-Announcement)

The DOD has sent out pre-announcements for the following funding opportunities:

1) **Clinical Research Award**; Funding Level 1: may support pilot research that has the potential to make significant advancement towards clinical translation. Preliminary data are allowed but not required.

   Funding Level 2: is supported by preliminary data and has the potential to make significant impact towards clinical translation. Animal studies are not allowed. Clinical trials are not allowed.

**Value:** Funding Level 1: Maximum of $350,000 for up to 2 years.

   Funding Level 2: Maximum of $1.5 million for up to 4 years

**Application Process:** Pre-Application is required; anticipated application dates and awards information will be posted in June 2018.

2) **Clinical Trial Award**; Funding Level 1: may support pilot clinical trials for exploratory studies involving limited human exposure with the potential to make significant advancement towards clinical translation. Preliminary data are allowed but not required.

   Funding Level 2: supports rapid implementation of clinical trials with the potential to make significant impacts on improving the health and well-being of Service members, Veterans, and other individuals with limb deficit. Preclinical research is not allowed.

**Value:** Funding Level 1: Maximum of $350,000 for up to 2 years.

   Funding Level 2: Maximum of $2.5 million for up to 4 years

**Application Process:** Pre-Application is required; anticipated application dates and awards information will be posted in June 2018.


**Roads Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program (Pre-Announcement)

The DOD has sent out pre-announcements for the following funding opportunities:

1) **Concept Award (CA)**, the objective: supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to reconstructive transplant. Preliminary data are NOT allowed.
Value: Maximum of $200,000 for up to 18 months.

Application Process: Pre-Application (Letter of Intent) is required; anticipated application dates and awards information will be posted in June 2018.

2) Investigator-initiated Research Award (IIRA), the objective: Individual PIs: supports studies with potential to make an important contribution to the reconstructive transplant research field, patient care, and/or quality of life. Preliminary or published data required.

Multiple PI Option: supports synergistic partnerships among two to four investigators collaborating on a single application; multi-institutional collaborations are encouraged.

Value: Individual PIs: Maximum of $1.5 million for up to 3 years.

Multiple PI Option: $1.5 million for up to 3 years

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.

3) Qualitative Research Award (QRA), the objective: Individual PIs: Supports qualitative research studies that will help researchers and clinicians to better understand the experiences of individuals who are considering, or have already, received reconstructive transplant surgery.

Multiple PI Option: supports synergistic partnerships among two to four investigators collaborating on a single application; multi-institutional collaborations are encouraged.

Value: Individual PIs: Maximum of $1.5 million for up to 3 years.

Multiple PI Option: $1.5 million for up to 3 years

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.


Roads Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Weston Brain Institute, Big Ideas: Canada

The objective of the Big Ideas: Canada is to support a large-scale, pivotal project that will have a significant and sustained impact on accelerating translational research on the development of therapeutics for neurodegenerative diseases of aging.

The Institute defines neurodegenerative diseases of aging to include:

- Alzheimer’s disease
- Dementia with lewy bodies
- Frontotemporal dementia
- Multiple system atrophy
- Parkinson’s disease
- Progressive supranuclear palsy
- Vascular contributions to the above diseases (not stroke-mediated vascular disease)
- Prodromes to the above diseases, including: a) mild cognitive impairment as prodromal to Alzheimer’s disease, b) REM sleep behaviour disorder as prodromal to Parkinson’s disease.

http://westonbraininstitute.ca/funding-opportunities/big-ideas-canada/

Value:
$5,000,000 to $20,000,000 over 5 years
Applicants must identify the total cost of the project, split by year, and major category of expense.

Application process:
The Weston Brain Institute Letter of Intent is due now. The Letter of Intent is accepted on a rolling basis.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data. The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

Although all proposals will be considered, the ICLR has identified areas where it would like to see the literature developed. This list may be updated from time to time. Proposals that engage one or more of the following topics, or classes of disasters will be given extra weight:

1) Adaptation/Mitigation behaviours;
2) Hazard risk communication - pre/post disaster;
3) Community recovery/household recovery capacity;
4) Resilience indicators;
5) Damage assessments (social/environmental/economic);
6) Interagency and intergovernmental coordination;
7) Perceptions of natural hazards;
8) Post disaster mitigation – build back better.

In addition to expanding academic knowledge, funded researchers submit brief reports that make preliminary analyses of recent events available to ICLR’s multidisciplinary network of researchers, practitioners and educators, as well as other interested parties.

https://www.iclr.org/quickresponse.html

Value: $2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc. A maximum $5,000 is available for an exceptional proposal.
Application process: The ICLR will accept applications at all times.

ROADS contact: Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

Shastri Indo-Canadian Institute (SICI): Grants

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Institute has recently announced the following funding opportunities:

1) Global Initiative for Academic Network (GIAN) Programme, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review Scope of GIAN, priority areas at http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/)

Value: Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

Application Process: Applications can be submitted throughout the year.

2) Shastri Faculty-In-Residence Programme (FIR)/Global Initiative for Academic Network (GIAN), the objective: for Canadian faculty members, scientists, and entrepreneurs to take up engagements at Indian institutions. This Programme is projected to tap the talent pool of Canadian faculty and to 1) encourage them to connect with the institutes of Higher Education in India to boost the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review Scope, priority areas at http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/)

Value: $8,000 – $12,000 USD for 1 or 2 weeks

Application Process: Applications can be submitted throughout the year.

3) SICI Membership Development Fund (SMDF) 2017-18, the objective: to publicize and promote SICI mandates, as well as programs and grants offered by SICI Canada and India offices, to its Canadian Members Council Institutions to 1) enable faculty, student and staff of his/her institution to apply, and 2) receive the benefits of being active members of the SICI. http://www.sici.org/programmes/details/SICI-Membership-Development-Fund-2017-18/

Value: Each Canadian member institution will receive up to $500 CND.
Application Process: Applications can be submitted throughout the year.

ROADS Contact: Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

Weston Brain Institute, Early Phase Clinical Trials: Canada

The objective of the Early Phase Clinical Trials program is to provide significant support for 1) translational research to accelerate the development of therapeutics for neurodegenerative diseases of aging, and 2) clinical trials and/or clinical trial sub-studies that have excellent preliminary data.

All projects must involve the development of a therapeutic and/or a tool.


Value: maximum $1,500,000 per project over a maximum 4 years

Application process: The Weston Brain Institute letter of intent is accepted on a rolling basis.

ROADS contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call

The objective of the International & Interdisciplinary Research Workshops is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centered on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.

The Open Call is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

https://www.cifar.ca/assets/researchworkshops/

Value: CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.

Application Process: The CIFAR will accept applications on a rolling basis.

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

The objective of the (new) *Targeted Grants in Mathematics and Physical Sciences* program is to support high-risk projects of exceptional promise and scientific importance in mathematics, theoretical physics and theoretical computer science.

[https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/](https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/)

**Value**: There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and travel are allowable. The grant provides funding for up to 5 years.

**Application Process**: Letters of Intent are considered on a *rolling basis* with a response time within 2 months.

**ROADS Contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519