Week of August 3, 2018

Dear colleagues,

Please find below this week’s updates:

• Congratulations to Dr. Kerstin de Wit who was the recipient of a CIHR project grant in the spring round for her project entitled Derivation of a clinical decision rule for emergency department head CT scanning in seniors who have fallen.

• Dr. Clive Kearon is stepping down as the program director for the Clinical Investigator Program after 11 years. Under Dr. Kearon’s leadership, the program has been tremendously successful with six fully funded Ministry of Health positions per year. Many of the residents completing the program have succeeded in establishing successful research careers at McMaster and other institutions. The continued success of this program is very important to promote and encourage our residents to pursue research careers.

Dr. Parveen Wasi is currently accepting applications for this position. The successful candidate will have a period of transition under Dr. Kearon’s mentorship to learn about the administration of the CIP program. Dr. Wasi would be happy to meet with anyone interested in discussing the job responsibilities. As well, Dr. Kearon is available to meet with any interested candidates. Interested individuals should submit their curriculum vitae and cover letter to Dr. Parveen Wasi at klunderj@mcmaster.ca or wasip@mcmaster.ca The deadline for applications is August 27, 2018.

• Please find attached a copy of the new quarterly newsletter from the McMaster Centre for Transfusion Research (MCTR) highlighting announcements, accomplishments, presentations, publications, and current projects.

• The 37th World Congress International Society of Hematology 2018 takes place in Vancouver, BC on September 13-17, 2018. The Canadian Hematology Society (CHS) is the official sponsor society. Dr. Tom Nevill and Dr. Gail Rock are the chairs for this event. They have put together a comprehensive agenda with outstanding speakers in malignant and non-malignant Hematology. These internationally renowned speakers include many Canadian leaders. This impressive agenda can be viewed on the CHS website as well as in the most recent CHS newsletter. Please consider joining us for this outstanding educational opportunity in the beautiful city of Vancouver. If you haven’t attended an ISH meeting before, please make this your first. Attached is a copy of the poster with further details.

• The Canada Research Coordinating Committee (CRCC) is launching a national consultation to reinvigorate Canada’s support for science and to position Canada as a global leader in research excellence. Please fund further details attached.

• The UGME Program is recruiting staff physicians for teaching clinical skills to first year medical students on Wednesday mornings. The sessions normally run between 9-12 am. There is a very small stipend available. The sessions are at McMaster and are fairly simple to teach and tend to be a bit more review-based. The sessions are starting the week of September 12. Please contact Dr. Jason Profetto if you might be interested at jason@profetto.ca
• **Welcome to the new Internal Medicine PGY1’s**

Residents in the Internal Medicine program gathered on July 4\textsuperscript{th} for the annual BBQ and baseball afternoon to welcome the new PGY1’s.

Senior residents and staff in their pre-game strategy huddle before taking on the PGY1’s for the coveted Haider Cup. The PGY1 team solidly captured the Cup this year.

• Please find attached the July 27 and August 3 issues of the [HRS Funding Opportunities](#) bulletin.

• Please find attached the August 3 issue of the [ROADS Funding Opportunities](#) bulletin.

• **Medical Grand Rounds and Chair’s Medical Grand Rounds** are now on hiatus for the summer and will resume in September. Further information on these events, and many others taking place in the Department, can be found in the [ETA Calendar](#).

• **New Faculty Highlight**

Welcome to Dr. Leslie Martin, previously a Clinical Scholar, who on July 1 joined the Department of Medicine, and the Division of General Internal Medicine, as an Assistant Professor. Dr Martin’s areas of interest include medical education, point-of-care-ultrasound, addictions medicine and global health.
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
Clinician Investigator Program (CIP) Program Director Job Description
Postgraduate Medical Education

The overall mandate of the CIP Program Director (PD) is to ensure that trainee/residents (hereafter referred to as "trainees") receive the required educational experiences to successfully complete CIP (complete a graduate program MSc or PhD, with ≥80% of ≥2 years dedicated to research training) within a supportive environment that promotes learning and is integrated with the trainee's clinical residency training. The PD, with the CIP Training Committee, ensures that the program meets Royal College of Physicians and Surgeons of Canada (RCPSC) accreditation standards. The PD will work collaboratively with the CIP Program Administrator, CIP Training Committee, trainee's clinical PD, and graduate programs to achieve the overall goals and objectives of the program.

Qualifications & Expectations

The PD is a member of McMaster University, Faculty of Medicine. The PD will be recognized as a successful "Career Investigator" within the Faculty and must have Royal College certification in their specialty. The PD is responsible for the overall conduct, organization and accountability of the CIP program.

The PD demonstrates:

- Strong leadership ability.
- Ability to negotiate, mediate conflicts, advocate and resolve problems.
- Strong communication, collaboration and interpersonal skills.
- Critical thinking and problem-solving abilities, using innovative approaches
- Excellence in teaching
- Engagement in professional development relevant to the role (e.g. attendance at educational conferences, leadership courses, PGME faculty development workshops)
- Advocacy for the development of clinician investigators at an individual and a general level
- Professionalism, with respect for diversity and confidentiality for residents and teachers

Time and Administrative Support

It is expected that the faculty member will commit 1 day (0.2 FTE) per week towards this position. The remuneration for this position is commensurate with the current stipends for PGME faculty positions. PGME will provide 2-days per week administrative support.

Responsibilities

To the Trainees

- Be a readily available source of information and guidance to those considering CIP
- Write an Interview/Planning Summary for those who plan to join CIP (i.e., circulated to the trainee, trainee's residency PD, clinical department chairperson, clinical department CIP representative, graduate program CIP representative, and primary research supervisor)
• Oversee and participate in the selection of CIP trainees, allocation of CIP-Ministry of Health funded positions, and attestation of successful completion of training
• Help to secure and coordinate funding for the trainees
• Ensure appropriate distribution of time between research (≥80%) and clinical (≤20%) training
• Do regularly face-to-face performance reviews and circulate a Progress Report (as above)
• Distribution of program information, notices, and other communications to the trainees
• Be readily available to trainees and provide assistance, remediation and extra support for improvement, as required.
• Facilitate career planning
• Ensure that the learning environment is free of intimidation and harassment
• Provide counselling services and respond to trainee difficulties such as those related to stress, well-being, learning challenges and interpersonal tensions with supervisors.
• Advocate for the well-being and development of the trainees
• Ensure tools to complete reviews and evaluation, as well as feedback mechanisms are in place

To the Program
• Oversee and assist in the development of the program's educational operational plan
• Plan and advocate for growth of the program
• Chair the CIP Training Committee
• Direct the program such that it meets the RCPSC standards of accreditation
• Documentation, preparation, and scheduling for internal and external reviews
• Financial management of program resources
• Participate as a member of the Postgraduate Education Committee
• Act as a liaison between trainees, PGME, clinical departments and graduate programs
• Remain abreast of policies and procedures within PGME
• Participate in training and development planning, including organization of the monthly CIP academic sessions
• Help to maintain the CIP handbook and website
• Help to maintain trainee files
• Annual revisions of the residency program documents
• Maintain a mechanism for faculty evaluation that ensures trainee anonymity

To the University
• The Program Director is a sitting or corresponding member of the PGME Committee, and must attend or be aware of (through circulated documents) monthly meetings and other PGME activities and policies.
• Participate in PGME Internal and External Reviews
• Participate in PGME PD development activities

To the Royal College of Physicians and Surgeons of Canada
• The PD is an active or an ex-officio member of the CIP Specialty Committee and should be aware of all correspondence from the Specialty Committee, and national initiatives including curriculum changes.
Welcome to our first issue of the McMaster Centre for Transfusion Research (MCTR) Newsletter. We are excited to launch this newsletter, through which we will share news, and provide an update on recent accomplishments on a quarterly basis.

Improving patient care through research is at the core of all activities at MCTR.

With our ongoing partnership with McMaster University, Hamilton Health Sciences, and St. Joseph’s Healthcare we continue to be at the forefront of Transfusion Science. Our support and strong collaboration with Canadian Blood Services, provides us with a vein-to-vein approach that is unique and ensures the continuing success of our mandate.

With our cutting edge science, strong funding base, and established training programs, MCTR continues to be a leader in Transfusion Science globally and a unique environment for students at all levels.

**ANNOUNCEMENTS**

- Dr. John Kelton receives honorary degree from his alma mater - Western University.
- Dr. Donald Arnold appointed as new associate editor of TRANSFUSION, AABB’s peer-reviewed, scientific journal.
- Dr. Alfonso Iorio appointed as inaugural Bayer Chair for Clinical Epidemiology Research and Bleeding Disorders.
- John Vrbensky, PhD candidate, receives the McMaster Medical Sciences Travel Award.
- Angela Huynh, PhD candidate, receives the CIHR Doctoral Research Award (CGS-D).

**FEATURED ARTICLE**

Misdiagnosis of primary immune thrombocytopenia and frequency of bleeding: lessons from the McMaster ITP Registry

**KNOWLEDGE TRANSLATION**

- Ning S. Frequency of patient registration errors and their impact on transfusion safety [Oral presentation - International Society of Blood Transfusion 2018]

- Duncan J. Transfusion Transmitted Injury Surveillance System [Oral presentation - Southern Ontario Transfusion Services Network Meeting 2018]

**CURRENTLY RECRUITING**

**Bridging ITP Study:** Eltrombopag vs IVIG for ITP patients who require an increase in platelet count prior to an upcoming surgery or procedure. Requires at least 3 weeks lead time prior to surgery. Patients must be on stable doses (or no) ITP therapy and have a platelet count below the study threshold (50x10^9/L for minor procedures and 100x10^9/L for major procedures).

**Contact:** Tara McDougall (x21645 / mcdougat@mcmaster.ca) or Erin Jamula (x21845 / jamulae@mcmaster.ca)


The Canadian Hematology Society Invites You To

Come to VANCOUVER For Our Joint Meeting With

INTERNATIONAL SOCIETY OF HEMATOLOGY

September 13-16, 2018

Program Highlights:

- New Gene Inhibitor Therapies for AML
- CRISPR/Cas9 Genome Editing in Hemoglobinopathies
- Novel Antibody Therapies in the Treatment of Multiple Myeloma
- Understanding Ischemic Limb Injury in HIT and DIC
- Controversies in the Management of ITP
- Insight into the Molecular Genetics of Non-Langerhans Histiocytosis

Pre-Post Congress Tours:

- Alaskan Cruises
- Whale Watching
- Okanagan Wine Tours
- Visit Sunpeaks Mountain Resort
- Travel through the scenic Rocky Mountains

Visit us at:
WWW.ISH2018.COM
www.CanadianHematologySociety.org
Or the Canadian Hematology Office at 613-748-9613
Canada Research Coordinating Committee Consultation

The Canada Research Coordinating Committee (CRCC) is launching a national consultation to reinvigorate Canada’s support for science and to position Canada as a global leader in research excellence.


The consultation will focus on three priorities:
1. creating a new tri-agency fund to support international, interdisciplinary, fast-breaking and high-risk research that generates new knowledge;
2. strengthening equity, diversity and inclusion in research; and
3. support for early career researchers.

Budget 2018 proposed to invest more than $1.7 billion over five years to support researchers through Canada’s granting agencies and research institutes. This includes $275 million over five years to support the new Tri-Agency Research Fund. Stakeholders are invited to provide feedback on a draft funding model that the CRCC has developed to ensure we maximize the positive impact on academic research in Canada.

Consultation will be held in communities across Canada. Input from this process will inform the development of a call for proposals this fall for the Tri-Agency Research Fund. The online consultation is open to all Canadians until August 27, 2018.

The CRCC was created to improve the coordination efforts of Canada’s granting agencies—the Social Sciences and Humanities Research Council of Canada, the Natural Sciences and Engineering Research Council of Canada, and the Canadian Institutes of Health Research—as well as the Canada Foundation for Innovation.

Contacts:
Media Relations
Canada Research Coordinating Committee
613-992-4283
[Alastair.Mullin@sshrc-crsh.gc.ca](mailto:Alastair.Mullin@sshrc-crsh.gc.ca)
**News & Events**

*NEW* **CIHR Information Session for Students on Awards in Health Research**

CIHR will be offering interactive information sessions to students and institution staff about CIHR award programs, including relevant policies, tips for applicants and guidelines on how to submit an application. The sessions will allow participants to be connected and discussions will be supported with a view of a PowerPoint presentation. Access to a computer with internet connection is required to access the session and view the PowerPoint presentation. Questions will be directed to CIHR via the webinar chat function. If you are interested in participating in one of these sessions (approximate duration is 2 hours), please access our website to register for the session in the language of your choice:

**English Session:**
Tuesday September 11, 2018, 11am-1pm EST

**French Session:**
Wednesday September 12, 2018, 11am-1pm EST

**CIHR Fall Project and Foundation – Important Dates**

Please be advised of the following CIHR Project and Foundation 18-09 timelines for submission:

**PROJECT 18-09:**
*Maximum 2 Registrations can be submitted – Review committee selected and NPI cannot change (title difficult to change) for App stage. Foundation grant holders cannot be PI on Project submission.*

Registration **August 15 by 8:00 pm on ResearchNet (RNet)**
INTERNAL review – Tu Sep 4 by 12 noon
FINAL deadline – Wed Sep 12 by noon*

**FOUNDATION 18-09:**
*A reminder that ECI cannot apply to the Foundation stream.*

Registration **August 15 by 8:00 pm on ResearchNet (RNet)**
Stage 1 INTERNAL review – Thu Sep 13 by 12 noon
Stage 1 FINAL deadline – Wed Sep 19 by noon*

*affords McMaster research offices ability to manage last minute issues
For further assistance, contact your faculty research office below.

Faculty of Health Sciences contact HRS by email to hresadm@mcmaster.ca for assignment to the appropriate contact.
All other faculties contact Virginia Viscardi in ROADS at viscarvl@mcmaster.ca

**CIHR Project Grant Fall 2018 Webinars**

CIHR is holding Q&A webinars for their Project Grant: Fall 2018 competition starting on Thursday, July 26, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed below in advance of the webinar to ensure that everyone’s experience is as productive as possible. CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, click on the below link of the session you would like to attend. When you register, a confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password. **Registration is required to participate in this webinar.**
English Sessions:
- Thursday, August 9, 2018 (13:00 - 14:00 EDT)
- Wednesday, August 22, 2018 (13:00 - 14:00 EDT)
- Thursday, August 30, 2018 (13:00 - 14:00 EDT)
- Thursday, September 6, 2018 (13:00 - 14:00 EDT)

French Sessions:
- Tuesday, August 21, 2018 (13:00 - 14:00 EDT)
- Wednesday, September 5, 2018 (11:00 - 12:00 EDT)

For more information, please visit CIHR’s website: [http://www.cihr-irsc.gc.ca/e/45096.html](http://www.cihr-irsc.gc.ca/e/45096.html)

**CIHR Foundation Grant Stage 1 Webinars**

CIHR is holding Q&A webinars for their 2018-2019 Foundation Grant Stage 1 Application starting on Wednesday, July 18, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed below in advance of the webinar to ensure that everyone’s experience is as productive as possible. CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, click on the below link of the session you would like to attend. When you register, a confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password. **Registration is required to participate in this webinar.**

**English Sessions:**
- Wednesday, August 8, 2018 (13:30 – 14:30 EDT)
- Wednesday, September 5, 2018 (13:30 – 14:30 EDT)

**French Sessions:**
- Thursday, August 23, 2018 (11:00 – 12:00 EDT)

For more information, please visit CIHR’s website: [http://www.cihr-irsc.gc.ca/e/45096.html](http://www.cihr-irsc.gc.ca/e/45096.html)

**The National Heart, Lung, and Blood Institute HIV/AIDS-Related HLBS Research Webinar Series**

*When:* July 31, 2018 9:00am – 10:00

*Topic:* Making Stem Cell Transplants a Reasonable Option in HIV Disease

This is the seventh installment of the NHLBI HIV/AIDS-related heart, lung, blood, and sleep (HLBS) research webinar series that serves to highlight state of the art research from experts in the field and provide a platform for disseminating pertinent NHLBI HIV/AIDS-related research announcements. There will also be a short Q&A session to discuss upcoming NHLBI HIV/AIDS funding opportunities.

Register [HERE](http://www.cihr-irsc.gc.ca/e/45096.html)

**Canada Foundation for Innovation (CFI) – Planning for Innovation Fund 2019**

The CFI Innovation Fund (IF) enables institutions to strengthen their research infrastructure in priority areas. An eligible infrastructure project involves the modernization, acquisition, development of research infrastructure with the goal of enabling Canadian researchers to tackle ground-breaking projects. We have indications that CFI plans to release a Draft Call for Proposals for the IF in the beginning of 2019.

CFI limits the amount of funding an institution may request. As such, we must be highly strategic in the applications selected for submission.

Anyone interested in submitting an IF application must meet with Dr. Bramson to discuss:

- the excellence, innovation and viability of the proposed research program;
- the need for additional infrastructure;
- eligibility and fit with the Innovation Fund mandate;
- the planned location for this project and the plan for sustainability.
To schedule a meeting, please contact Jenn Seager, ext. 22184; seagerj@mcmaster.ca

For any programmatic questions, please contact Tracy Arabski, Director Health Research Services; ext. 22515; arabski@mcmaster.ca

### Health Research Grant Competitions

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

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<tr>
<td>Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Sep 5</td>
<td>Sep 12</td>
<td>Sep 26</td>
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<tr>
<td>Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018</td>
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<td>Sep 12</td>
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<tr>
<td>Department of Defense CDMRP Pharmacotherapies for Alcohol and Substance Abuse (PASA) Consortium Funding Opportunities for Fiscal Year 2018</td>
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<tr>
<td>Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018</td>
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<tr>
<td>Department of Defense Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2018</td>
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<tr>
<td>Department of Defense Peer Reviewed Alzheimer’s Research Program (PRARP) Funding Opportunities for Fiscal Year 2018</td>
<td>Sep 20</td>
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<tr>
<td>&quot;UPDATED&quot; Department of Defense Epilepsy Research Program (ERP) Funding Opportunities for Fiscal Year 2018</td>
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<tr>
<td>Department of Defense Prostate Cancer Research Program (PCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Aug 16/Sep 20</td>
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<td>Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2018</td>
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<td>Department of Defense Peer Reviewed Orthopaedic Research Program (PRORP) Funding Opportunities for Fiscal Year 2018</td>
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<td>Department of Defense Orthotics and Prosthetics Outcomes Research Program (OPORP) Funding Opportunities for Fiscal Year 2018</td>
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<td>Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2018</td>
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<tr>
<td>Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018</td>
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<tr>
<td>Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Aug 29/Nov 14</td>
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<td>Dec 5</td>
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**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 – Travel Awards: Institute Community Support (Summer 2018)**

The ICS Travel Awards funding opportunity is expected to provide travel funds to individuals in aid of research and knowledge translation activities consistent with CIHR initiatives’ priorities or CIHR institutes’ vision, mandate and strategic directions. In addition to this overarching objective, each participating institute/initiative has their own relevant Research Areas, outlined in the “Sponsor Description” section of this funding opportunity.

**Funding Details:** The total amount available for this funding opportunity is $230,800. This amount may increase if additional funding partners participate. The maximum value of the ICS Travel Awards varies by institute/initiative but must be of a minimum value of $500.

**Additional Details**

**Internal HRS Deadline:** August 9, 2018  
**Sponsor Deadline:** August 23, 2018
**CIHR Operating Grant: Evaluation of Interventions to Address the Opioid Crisis**

The Operating Grant: Evaluation of Interventions to Address the Opioid Crisis funding opportunity is expected to:

- Address the pressing intervention-related evidence needs of knowledge users within one or more pillars of the CDSS.
- Increase the application of knowledge in health care and/or health services policy and practice related to one or more pillars of the CDSS, in order to address the most urgent elements of the opioid crisis, including opioid-related mortality rates.
- Encourage the evaluation of interventions that consider sub-populations and/or the biological and social determinants of problematic opioid use

**Funding Details:** The total amount available for this funding opportunity is $1,500,000, enough to fund approximately 15 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $100,000 per year for up to 1 year.

**Additional Details**
- **LOI Deadline:** August 21, 2018
- **Internal HRS Deadline:** August 22, 2018
- **Sponsor Deadline:** September 5, 2018

**CIHR Catalyst Grant: Analysis of CLSA Data**

The objective of this funding opportunity is to catalyze and support research efforts of Canadian researchers to use the available CLSA data in order to better understand how (individually and in combination) the biological, medical, psychological, social, lifestyle and/or economic aspects of people’s lives have an impact in both maintaining health and in the development of disease and disability as people age.

**Funding Details:** The total amount available for this funding opportunity is $925,000, enough to fund approximately 13 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $70,000 for up to 1 year.

**Additional Details**
- **LOI Deadline:** August 14, 2018
- **Internal HRS Deadline:** August 22, 2018
- **Sponsor Deadline:** September 5, 2018

**CIHR – Cannabis & PTSD Treatment in Military Personnel & Veterans**

PTSD is one of the most prevalent, chronic, and disabling disorders amongst veterans and active duty CAF personnel. A large proportion of individuals who experience PTSD symptoms in these populations do not seek treatment; and of those that do, many fail to fully respond to the treatments provided or the available treatments provide only minimal benefit. Currently, cannabis is widely prescribed for a variety of medical conditions, however, scientific evidence substantiating the efficacy or safety of cannabis for PTSD treatment in Canadian military personnel and veterans is lacking.

**Funding Details:** The total amount available for this funding opportunity is $4.32 million, to fund one (1) grant. The maximum amount available is $1.08 million per year for up to four (4) years.

**Additional Details**
- **Internal HRS Deadline:** August 23, 2018
- **Sponsor Deadline:** September 6, 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

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**CIHR – Clinical Trials Network in HIV/AIDS (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.

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**CIHR Project Grant: Fall 2018**

The Project Grant program is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes by supporting projects with a specific purpose and a defined endpoint. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches. The Project Grant program is expected to:

- Support a diverse portfolio of health-related research and knowledge translation projects at any stage, from discovery to application, including commercialization;
- Promote relevant collaborations across disciplines, professions, and sectors;
- Contribute to the creation and use of health-related knowledge.
Funding Details: The total amount available for CIHR’s 2018-19 Investigator-Initiated Research Programs competitions (Foundation Grant, and Fall 2018 and Spring 2019 Project Grants) is approximately $655M. The allocation of this investment between the Foundation and Project Grant programs is under review.

Additional Details and to Register
LOI/Registration Deadline: August 15, 2018 8PM E-Approval on RNet
Internal HRS Deadline: September 4, 2018 - 12PM
Sponsor Deadline: September 12, 2018 - 12PM

CIHR – Early Career Investigator Awards
The 2018 Early Career Investigator Awards in Circulatory and Respiratory Health provide recipients with the opportunity to develop and demonstrate their independence in initiating and conducting research in any one of the ICRH mandate areas. These awards are designed to provide protected time for early career investigators to undertake research relevant to the ICRH mandate by contributing to both salary and research allowances.

Funding Details: The total amount available for this funding opportunity is $2,070,000, enough to fund approximately 6 awards. This amount may increase if additional funding partners participate. The maximum amount per award is $115,000 per year for up to three (3) years for a total of $345,000 per award.

Additional Details
Internal HRS Deadline: September 4, 2018
Sponsor Deadline: September 18, 2018

CIHR Foundation Grant: Fall 2018
The Foundation Grant program is designed to contribute to a sustainable foundation of established health research leaders, by providing long-term support for the pursuit of innovative and high-impact research programs.

The Foundation Grant program is expected to:
- Support a broad base of health research leaders across all health-related disciplines with a demonstrable track record of excellence and impact in their field of study;
- Develop and maintain Canadian capacity in health research and other related fields;
- Provide research leaders with the flexibility to pursue novel and innovative lines of inquiry;
- Contribute to the creation and application of health-related knowledge through a wide range of research and/or knowledge translation activities, including relevant collaborations.

Funding Details: The total amount available for CIHR’s 2018-19 Investigator-Initiated Research Programs competitions (Foundation Grant and Fall 2018 and Spring 2019 Project Grants) is approximately $655M. The allocation of this investment between the Foundation and Project Grant programs is under review.

Additional Details and to Register
LOI/Registration Deadline: August 15, 2018 8PM E-Approval on RNet
Internal HRS Deadline: September 13, 2018 - 12PM
Sponsor Deadline: September 19, 2018 - 12PM

CIHR – Catalyst Grant: PTSI among PSP Workers
Public safety personnel (PSP) such as firefighters, police, paramedics, search and rescue volunteers, correctional services workers and officers, border services officers, operational and intelligence analysts, and Indigenous emergency managers, all play a critical role in keeping Canadians safe. They put themselves in harm’s way to protect Canadians from a spectrum of threats, often at great personal risk. In doing so, PSP are repeatedly exposed to potentially traumatic or disturbing experiences that can take a significant toll on their mental health and well-being. Chief among these mental health issues are post-traumatic stress injuries (PTSI), which refer to a broad set of persistent psychological difficulties including those resulting from operational duties performed as PSP (also known as operational stress injuries). Extending beyond clinically diagnosed post-traumatic stress disorder (PTSD), PTSI can also include substance use, anxiety, depression, and other mental health conditions.

Efforts to advance the knowledge base of PTSI, and PTSD in particular, are underway in other populations such as the military; nevertheless, data examining the impact of PTSI on mental health outcomes among distinct PSP groups and their unique occupational environments remain limited in Canada. Both public safety and health stakeholders have identified a need for additional research in this area.
Funding Details: The total amount available for this funding opportunity is $2.25 million, enough to fund approximately 15 grants. The maximum amount per grant is $150,000 per year for up to 1 year, for a total of $150,000 per grant.

Additional Details
Internal HRS Deadline: September 11, 2018
Sponsor Deadline: September 25, 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 – Clinician-Scientist Salary Award: Phase 2**

The Clinician Scientist program had two phases. Phase 1 provided stipends for up to six years of training support and is no longer being launched. Phase 2 provides a contribution to the salary of the recipient for up to six years (initial three-year award followed by a possible three-year renewal award). This opportunity provides funding for the Phase 2 component of the program and is designed to provide outstanding Clinician Scientists the opportunity to develop and demonstrate their independence in initiating and conducting health research through provision of a contribution to their salary. Applications to this funding opportunity are restricted to recipients of Clinician Scientist awards. It is the applicant’s responsibility to ensure that the renewal application is submitted at the appropriate time to avoid a gap in the funding period.

Funding Details: The total amount available for this funding opportunity is $180,000 over three years, enough to fund approximately one award. The maximum amount per award is $60,000 per annum for up to three years. Salary contribution: $60,000 per annum, including fringe benefits.

Additional Details
Internal HRS Deadline: September 18, 2018
Sponsor Deadline: October 2, 2018

**CIHR – Doctoral Research Award 2018-2019**

The specific objectives of this funding opportunity are:

- To provide recognition and funding to students early in their academic research career, providing them with an opportunity to gain research experience; and
- To provide a reliable supply of highly skilled and qualified researchers.

Funding Opportunities in Specific Research Areas

The CGS-D and the DFSA programs will fund applications in any area of health research. Additional funds are available, in specific research areas, to support Doctoral Research Award applications that are not funded through either the CGS-D or the DFSA.

- Doctoral Research Award: Fall 2018 Priority Announcement (Specific Research Areas)

Funding Details:

- The total amount available for the CGS-D competition is $14 million, enough to fund approximately 133 awards.
- The total amount available for the DFSA competition is $1.05 million, enough to fund approximately 10 awards.
- The maximum amount per award is $35,000 per year for up to three years. Award funding is allocated as follows:
Stipend: $30,000 per annum
Research allowance: $5,000 per annum

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: October 2, 2018

**CIHR – Catalyst Grant: HIV/AIDS Community-Based Research**

This funding opportunity (FO) is expected to:

- Support partnerships between communities affected by HIV in Canada and researchers to facilitate the conduct of community-based research; and/or
- Develop future applications for more comprehensive community-based research grants.

Examples of activities that might be conducted under this request for applications are (but are not restricted to):

- Facilitation of dialogue between communities and researchers in order to establish research partnerships;
- Workshops to design a research project and/or develop a proposal for a future CBR operating grant;
- Planning and execution of pilot projects or feasibility studies to generate preliminary data, proof of concept; and/or
- Development and/or validation of new inventions, tools, methodologies, protocols, theoretical models or frameworks.

**Funding Details:** The total amount available for this funding opportunity is $480,000, enough to fund approximately 12 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $40,000 for up to one year.

Additional Details
Internal HRS Deadline: September 18, 2018
Sponsor Deadline: October 2, 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: September 18, 2018
Sponsor Deadline: October 2, 2018

**CIHR – Operating Grant: Data Analysis Using Existing Databases and Cohorts**

CIHR and other funding agencies have invested heavily in the establishment of cohorts and databases, and as a result many high quality datasets exist containing information on populations, health systems, patient information and biospecimens. These datasets contain a wealth of information and have the potential to answer research questions that go beyond those for which the data were originally collected or for which the data has been used to-date. There is also the potential to link diverse datasets, thus enabling explorations of novel associations and interactions between human, environmental and clinical factors. Analyses using these existing resources are also cost-effective way to provide high quality and timely evidence to improve patient outcomes and for population and public health decision making. The intent of this funding opportunity is to highlight large, well-established cohorts/databases*, such as the Canadian Partnership for Tomorrow Project (CPTP), the Canadian Urban Environmental Health Research Consortium (CANUE) data, and the European Prospective Investigation into Cancer and Nutrition (EPIC), as well as administrative datasets and national surveys to encourage their utilization by the research community.
Funding Details: The total amount available for this funding opportunity is $1,500,000 enough to fund approximately fifteen (15) grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $100,000 for 1 year.

Additional Details
LOI Deadline: August 23, 2018
Internal HRS Deadline: September 18, 2018
Sponsor Deadline: October 2, 2018

CIHR – Operating Grant: HIV/AIDS Community-Based Research
This funding opportunity (FO) is expected to:
- Promote the creation of new knowledge that is relevant to communities affected by HIV in Canada and aligns with the goals of the Federal Initiative;
- Promote the dissemination of new knowledge and uptake of evidence into action to enhance the community response to the HIV/AIDS epidemic;
- Develop partnerships between researchers and affected communities;
- Build capacity in the knowledge user community to engage in research and use evidence in their everyday business;
- Build the next generation of HIV/AIDS CBR researchers through meaningful engagement of trainees in high quality CBR projects; and
- Reduce the incidence of new infections in high-risk groups by focusing research on prevention efforts.

Funding Details: The total amount available for this funding opportunity is $1.8 million, enough to fund approximately four grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $150,000 per year, for up to three years and a total of $450,000 per grant.

Additional Details
Internal HRS Deadline: September 19, 2018
Sponsor Deadline: October 3, 2018

CIHR – Operating Grant: Transitions in Care – Best and Wise Practices Grants
The Best and Wise Practices Grants are expected to:
- Develop relevant research capacity leading up to future TiC funding opportunities;
- Inform actionable health system changes within the TiC Focus Areas by supporting systematic identification and collating of transitions in care knowledge gaps and/or identification of effective evidence-based interventions and/or policies;
- Facilitate the identification of relevant transitions in care stakeholders and partnerships, with a particular focus on partnerships that can support community-based research and approaches that have potential for equitable spread and scale between communities, at a regional and/or national level.

Funding Details: The total amount available for this funding opportunity is $1,200,000, enough to fund a minimum of 12 grants. The maximum amount per grant is $100K for up to one (1) year.

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

CIHR – Prize: Gold Leaf Prize for Discovery
CIHR’s Gold Leaf Prize for Discovery is awarded to individuals or teams whose research findings are unique, innovative and represent a ground-breaking discovery in any pillar of health research that has been seen to significantly influence knowledge in the field. This prize celebrates breakthrough discoveries pivotal to innovation from across the spectrum of health research.

Funding Details: The total amount available for this prize is $100,000, enough to fund one prize for one year.

Additional Details
Internal HRS Deadline: September 26, 2018
Sponsor Deadline: October 10, 2018
**CIHR – Prize: Gold Leaf Prize for Impact**

CIHR’s Gold Leaf Prize for Impact is one of the highest honours that can be accorded to an individual or team by CIHR for health research in the Canadian context with a proven impact on health outcomes, practices or policies and/or on the health system. This prize bestows honour on distinguished researchers in recognition of the impact of their contributions to transforming and mobilizing health research for the benefit of Canadians.

**Funding Details:** The total amount available for this prize is $100,000, enough to fund one prize for one year.

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

**CIHR – Prize: Gold Leaf Prize for Outstanding Achievements – Early Career Investigator**

CIHR Gold Leaf Prize for Outstanding Achievements by an Early Career Investigator recognizes outstanding early career investigators in order to support excellence in the next generation. It provides prestigious recognition to an exceptional health researcher who is expected to continue to produce research of exceptional merit. This prize bestows honour on an outstanding early career researcher who is expected to continue to produce research of exceptional merit.

**Funding Details:** The total amount available for this prize is $100,000, enough to fund one prize for one year.

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

**CIHR – Prize: Gold Leaf Prize for Transformation: Patient Engagement**

The purpose of the CIHR Gold Leaf Prize for Transformation: Patient Engagement is to bestow accolades to leaders within health research who are at the forefront of realizing meaningful and active collaborations with patients, researchers, health practitioners, administrators and policy-makers in order to advance patient-identified priorities and improve patient outcomes.

**Funding Details:** The total amount available for this prize is $100,000, enough to fund one prize for one year.

**Additional Details**
- **Internal HRS Deadline:** September 26, 2018
- **Sponsor Deadline:** October 10, 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 – Prize: IHDCYH Talks (2018)**

The CIHR Institute of Human Development, Child and Youth Health (IHDCYH) is launching its fifth round of the IHDCYH Talks Video Competition, a unique opportunity to submit short videos (recommended maximum length of 5 minutes) sharing evidence-based messages in the area of maternal, reproductive, child and youth health. This competition encourages the production of videos that present a clear evidence-based message to a lay audience that is designed to have a positive impact on the health of children, youth and families. This competition is soliciting videos not just from members of the research community, but also more widely from non-
governmental or not-for-profit organizations (including community or charitable organizations), as well as members of the general public who are able to demonstrate a clear, evidence-based message related to IHDCYH’s mandate. Successful videos will be posted on CIHR and IHDCYH social media and shared through other communications channels. It is important that the content be engaging, easily understood and accessible to a lay audience.

**Funding Details:** The total amount available for this funding opportunity is $5,500, enough to fund four prizes.

**Additional Details**
**Internal HRS Deadline:** October 2, 2018
**Sponsor Deadline:** October 16, 2018

**CIHR – Doctoral Research Award: Vanier Canada Graduate Scholarships 2018-2019**

The Vanier Canada Graduate Scholarship (Vanier CGS) was created to attract and retain world-class doctoral students and to establish Canada as a global centre of excellence in research and higher learning. It is available to both Canadian and international PhD students studying at Canadian universities. 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. For further information about this funding opportunity, please consult the [Vanier CGS website](https://www.cihr-irsc.gc.ca/).

**Funding Details:** The total amount available for this funding opportunity is $24,900,000, enough to fund approximately 166 awards. The maximum amount per award is $50,000 per year, for up to three (3) years and a total of $150,000 per award. This funding is non-renewable.

**Additional Details**
**Contact Correen Smith in Graduate Studies to Apply**
**Sponsor Deadline:** October 31, 2018

**CIHR - Fellowship**

CIHR’s Health Research Training Strategy aims to equip research trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise. Generating [Research Leaders of tomorrow](https://www.cihr-irsc.gc.ca/) is a key objective for CIHR. Fellowships provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

**Funding Details:** The awards consist of a stipend and a research allowance and are valued in Canadian dollars. It is anticipated that approximately $21 million over five years will be available through this competition. The maximum amount awarded for a single award is up to $60,000 per annum for up to 5 years. The value and duration of each award is determined by the degree(s) held, licensure (where applicable), location of tenure and experience of the applicant.

**Additional Details**
**Contact Correen Smith in Graduate Studies to Apply**
**Sponsor Deadline:** November 1, 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 – Indigenous Gender and Wellness: Idea Fair and Learning Circle
The specific objectives of this funding opportunity and the Idea Fair and Learning Circle are to:

• Foster a safe space for Indigenous Peoples to share ideas on Indigenous gender and wellness with supporters who will help them to grow their ideas into fundable projects.
• Facilitate knowledge sharing and learning to develop and strengthen Indigenous-focused projects.

Funding Details: The total amount available for this funding opportunity is $800,000, enough to fund approximately 160 awards.

Additional Details
Internal HRS Deadline: October 25, 2018
Sponsor Deadline: November 8, 2018

CIHR – Catalyst Grant: SPOR Innovative Clinical Trials
The Strategy for Patient-Oriented Research (SPOR) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. Clinical trials are one of the elements of SPOR that responds to its goals to strengthen organizational, regulatory and financial support for clinical studies in Canada, and enhance patient and clinician engagement in research. Under this element, the Innovative Clinical Trials (iCT) initiative aims to build capacity and increase the intensity of iCT research. iCTs use designs that are alternative to traditional Randomized Controlled Trials (RCT) with application in areas ranging from product development to health system improvement. ICT methods can reduce the cost of conducting trials, reduce the amount of time needed to answer research questions, and increase the relevance of research findings to patients, health care providers and/or policy makers. Adopting these alternative designs can maximize the use of existing knowledge and data.

Funding Details: The total amount available for this funding opportunity is $1,000,000, enough to fund approximately ten (10) grants. The maximum amount per grant is $100,000 for up to one year.

Additional Details
Internal HRS Deadline: October 31, 2018
Sponsor Deadline: November 14, 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

CIHR – Team Grant: SPOR ICT Rewarding Success – Phase 3
The Strategy for Patient-Oriented Research (SPOR) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. All recipients of funding through SPOR are required to adhere to the following principles:

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

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

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

CIHR – Network for Global Governance Research on Infectious Diseases
The Network for Global Governance Research on Infectious Diseases is expected to:

- Facilitate the establishment of a Canadian research network focused on a comprehensive, interdisciplinary, and intersectoral approach to global governance of infectious diseases by:
  - Strengthening research capacity and catalyzing social science researchers across Canada to generate and apply new knowledge about effective global governance arrangements for preventing and managing infectious diseases and public health threats; and
  - Fostering national and international research collaborations on global governance of infectious diseases to better connect researchers currently working in isolation and actively contribute to the emerging European Commission–funded International Network of Social Sciences Research Centres Hub focused on infectious diseases.
- Enable better preparedness for infectious diseases through the application of knowledge, sharing of lessons learned, and the creation of improved governance arrangements by:
  - Facilitating interactions and ongoing communication and coordination among researchers, stakeholders, and global policymakers to institutionalize the use of research evidence in global and national decision making on governance arrangements for disease preparedness; and
  - Promoting the use of research results, by ensuring that research evidence is communicated in appropriate forms and used by relevant stakeholders.

Funding Details: The total amount available for this funding opportunity is $2 million enough to fund one grant. This amount may increase if additional funding partners participate. The maximum amount is $500,000 per year for up to 4 fiscal years for a total of $2 million.

Additional Details
LOI Deadline: September 25, 2018
Internal HRS Deadline: May 23, 2019
Sponsor Deadline: June 6, 2019
**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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**Heart & Stroke Foundation: Grants-in-Aid Award Programs**

The Heart & Stroke Grant-in-Aid (GIA) program provides operating funds to support important, pertinent, novel research in the areas of heart disease and stroke. GIA funding promotes research discovery, exploration and innovation across all health research themes. Knowledge gained from scientific findings, contributes to the cardiovascular and cerebrovascular health of Canadians through prevention, treatment and recovery. Research is supported across the four health research themes:

- Basic Biomedical
- Clinical
- Health Services/Systems
- Social, Cultural, Environmental and Population Health

**Funding Details:** up to $100,000 per year for a duration of 3 years.

**Additional Details**

**Internal HRS Deadline:** August 16, 2018  
**Sponsor Deadline:** August 30, 2018

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**The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program**

Life expectancy for people with hemophilia has improved and is now approaching that of the general population. The growing population of older people with hemophilia will therefore increasingly face age-related morbidities such as cardiovascular diseases, malignancies, liver disease, and bone and joint related disease, as well as the lifestyle and psychosocial factors that accompany and predispose to many of these conditions. Little is known about how to manage cardiovascular disease, cancer, dementia, and other age-related diseases in the older hemophilia population. Recognizing the importance of how age-related diseases might affect people with hemophilia, this research program’s goal is to support research that will help inform how management and treatment should best be adapted for people ageing with hemophilia. The research program will support studies that aim to:

- Identify and provide insight into key issues associated with the ageing hemophilia population
- Identify how management of age-related co-morbidities should be adapted to those with hemophilia
- Create and deliver evidence-based information to health care practitioners (HCPs), the public and policy makers that will lead to improved care and QoL for older Canadians living with hemophilia

**Funding Details:** The primary intent of this program is to offer one or two $30,000 research grants, to a maximum of $60,000 for one year.

**Additional Details**

**Internal HRS Deadline:** August 17, 2018  
**Sponsor Deadline:** August 31, 2018

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**Natural Sciences and Engineering Research Council of Canada (NSERC) Deutsche Forschungsgemeinschaft (DFG) Training Program**

In order to be considered for this opportunity, Canadian candidates should follow these steps:

- Canadian researchers should first establish a collaboration with German researchers.
• Since the DFG International Research Training Groups (IRTG) process requires more time than the NSERC application process, the German researchers must start by submitting a pre-proposal to the DFG. Although there is no set deadline for the pre-proposal, the DFG requires that the DFG IRTG pre-proposal be submitted in September, followed by the full proposals for IRTG and CREATE to be submitted in parallel to both organizations the following Fall. If you are interested in submitting your application to NSERC in 2019, please encourage your German collaborators to contact the DFG immediately and get the pre-proposal submitted in September 2018.

• Applicants with a successful DFG IRTG pre-proposal can proceed directly to submitting a full application to NSERC without the need for a full LOI.

• Because of NSERC’s system requirements, applicants must provide the basic information in their LOI as it is used to generate a Form 102. Please contact NSERC for further details.

• Proposals will be evaluated through the agencies’ (NSERC and DFG) respective peer review processes. The CREATE application should stand alone and contain all the necessary details about the Canadian side of the collaboration.

• DFG IRTG/NSERC CREATE proposals will be funded only if both are successful in their individual competitions.

Funding Details: NSERC-DFG grants can now spread the funding over nine years to match the DFG time frame. No additional funds will be allocated, and grantees will have to manage the $1.65 million over the nine years.

Additional Details
LOI Deadline: Although there is no set deadline for the pre-proposal, the DFG requires that the DFG IRTG pre-proposal be submitted in September, followed by the full proposals for IRTG and CREATE to be submitted in parallel to both organizations the following Fall. If you are interested in submitting your application to NSERC in 2019, please encourage your German collaborators to contact the DFG immediately and get the pre-proposal submitted in September 2018.

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

American Urological Association: Physician Scientist Residency Training Award
The Physician Scientist Residency Training Award (PSRTA) will grow the population of surgeon-scientists who can effectively lead robust research programs, successfully compete for independent research funding and more effectively engage with basic scientists. Rare in the field of urology, but common in other medical and surgical fields, this program supports three years of research training embedded within residency.

Funding Details: $75,000/year for 3 years

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

American Urological Association: 2019 Urology Care Foundation Research Scholar Award
Urology Care Foundation Research Scholar Awards support future research leaders and ensure they receive the necessary training and guidance for a successful research career. Initiated in 1975, these awards provide funding for one- and two-year mentored research training for clinical and postdoctoral fellows or early-career faculty. To date, the program has invested over $25 million to support over 600 Research Scholars, most of whom have remained in committed research career tracks and now serve as leaders in urologic research and clinical practice. Physician scientists (MD or equivalent degree) and researchers (PhD or equivalent degree) are...
invited to apply. Awards provide $40,000 per year for one or two years of support and require intensive involvement of one or more mentors committed to advancing the development of the award recipient.

**Funding Details:** $40,000 per year for one- and two-year mentored training.

### Additional Details

**LOI Deadline:** August 9, 2018  
**Internal HRS Deadline:** August 23, 2018  
**Sponsor Deadline:** September 6, 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

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**Social Sciences and Humanities Research Council (SSHRC) Aid to Scholarly Journals**

Aid to Scholarly Journals grants respond to the objectives of the [Connection program](https://www SSHRC.ca/). They support Canadian scholarly dissemination by offering a contribution to enable journals to explore innovative activities as well as to help them to defray the costs associated with publishing scholarly articles, digital publishing and journal distribution on Canadian not-for-profit platforms.

Aid to Scholarly Journals grants are meant to:

- increase dissemination, discoverability and readership of original research results in the social sciences and humanities through Canadian scholarly journals;
- leverage significant federal investments in digital scholarly publishing infrastructure;
- assist journals as they seek to take advantage of developments in digital technologies and innovative practices; and
- encourage the transition to open access models of publishing.

**Funding Details:** Aid to Scholarly Journals grants are valued at up to $30,000 per year over 3 years.

### Additional Details
Notify ROADS of Intent to Apply: ASAP
Draft Application to ROADS: August 20, 2018
Final Application to ROADS: September 4, 2018
Sponsor Deadline: September 10, 2018
*To Apply, Contact Christina Pellegrini, Senior Advisor, ROADS at pellegrc@mcmaster.ca or extension 27207*

**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

**Ontario Institute for Cancer Research: Cancer Therapeutics Innovation Pipeline**
The Ontario Institute for Cancer Research (OICR) established the Cancer Therapeutics Innovation Pipeline (CTIP) strategic initiative to capitalize on Ontario’s expertise in cancer biology and drug discovery. CTIP aims to support the translation of Ontario discoveries into therapeutic assets with the potential for improving the lives of cancer patients.

Funding Details: Up to $100,000 per year for a maximum of one year.

**Additional Details**
LOI Deadline: August 13, 2018
Internal HRS Deadline: September 7, 2018
Sponsor Deadline: September 21, 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.
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*

**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.

Funding Details: Up to $15,000 is awarded annually.
Additional Details
Internal HRS Deadline: September 14, 2018
Sponsor Deadline: September 28, 2018

Crohn’s & Colitis Foundation Visiting IBD Research Fellowship Program
The Crohn's & Colitis Foundation's Visiting IBD Research Fellowship (VIRF) is a program designed to promote career advancement for talented junior investigators dedicated to inflammatory bowel disease (IBD) research, and to enable knowledge-sharing among leaders in the IBD field. The Foundation encourages outstanding young scientists and clinicians who would like to expand their expertise in IBD research to participate in this short-term research training (3–12 weeks), carried out in a cutting-edge, NIH-funded laboratory under the mentorship of a leader in IBD research. VIRF is supported through an independent educational program grant from Gilead Sciences, Inc.

Additional Details
Internal HRS Deadline: September 14, 2018
Sponsor Deadline: September 30, 2018

Mitacs Globalink Research Award
In the warm and gentle days of summer, planning for a winter abroad may feel premature. But much like the colder days, deadlines often arrive sooner than we’d like them to. Destinations now include Australia, China, EU member countries, Japan, and the United States — the complete list of eligible destinations is on the award web page, along with a searchable “Find A Professor” list of professors interested in hosting students from Canada.

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

Additional Details
Internal HRS Deadline: September 14, 2018
Sponsor Deadline: September 30, 2018

Government of Canada – Strategic Innovation Fund Stream 4
The goal of Stream 4 is to be a catalyst to advance industrial research, development and technology demonstration through collaboration between the private sector, researchers and non-profit organizations. The consortium-led project will include large-scale industrial R&D which leverages significant private sector investment to bring a new transformative platform technology from a laboratory environment to an operational environment while integrating emerging technology. Projects/Proposals are expected to generate innovation, economic and social benefits such as:

- Increase private sector investments in R&D.
- Creation of new intellectual property and innovations.
- Strengthening of the Canadian supply chain.
- Development and implementation of new products, processes, standards and/or services.
- Development of new highly skilled workforce.
- Improvements to health, safety and security of Canadians.
- Leverage public funding to attract private sector and other investments to support the commercialization and sharing of IP or the mobilization of innovation (i.e. high leverage ratio).
- Establish new and incremental collaborations between business and research institutions.
- Provide infrastructure to support industry-led R&D.
- Support the growth and scaling of firms that are able to attract venture capital investment and expand to new markets.
- Equity and diversity considerations are integrated in recipients’ network-wide policies.
- Development of new highly skilled workforce.

Additional Details
LOI Deadline: August 31, 2018
Sponsor Deadline: October 2018

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

**Funding Details:** Grants will be awarded based on the excellence exhibited by the research and a maximum of $50,000 awarded per project.

**Additional Details**

Internal HRS Deadline: **N/A**  
Sponsor Deadline: **October 1, 2018**

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**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. Interns must be between 15 and 30 years old, a post-secondary graduate, and a Canadian citizen, permanent resident, or person who has been granted refugee status in Canada. Eligible hiring organizations must support a green project in the science, technology, engineering or math fields.

**Funding Details:** between $20,000 - $25,000 for up to 6 months.

**Additional Details**

Internal HRS Deadline: **September 17, 2018**  
Sponsor Deadline: **October 1, 2018**

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**Susan G. Komen Career Catalyst Research (CCR) Grants**

These Komen Training and Career Development awards seek to bridge the funding gap faced by faculty as they start their careers in breast cancer research. Grants funded by Komen provide the preparation necessary to compete for independent funding as an established and successful breast cancer researcher. CCR Grants provide unique opportunities for scientists who have held faculty positions for no more than five years by the Application due date (October 17, 2018). CCR grants provide support for hypothesis-driven research projects that will lead to a reduction in breast cancer deaths by 2026.

**Funding Details:** $450,000 combined direct and indirect costs; ($150,000 per year for up to 3 years)

**Additional Details**

LOI Deadline: **August 1, 2018**  
Internal HRS Deadline: **October 3, 2018**  
Sponsor Deadline: **October 17, 2018**

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**Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments Grants Program**

Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment. RTI Grants are one-year awards of up to $150,000 that assist in the purchase or fabrication of research equipment with a net cost between $7,001 and $250,000 (before taxes, customs and importation fees, transportation and shipping charges, assembly and installation costs). The research community is also encouraged to explore other avenues for funding research tools and instruments, including NSERC's other programs that include the purchase of equipment as eligible expenses, such as Discovery Grants. NSERC will only accept requests:

- For tools and instruments that form a comprehensive system intended to support NSERC funded research in the natural sciences and engineering (bundling of unrelated tools and instruments, will not be accepted).
- For the purchase of new, used or refurbished equipment, or for the repair or upgrade of equipment, or for the fabrication of equipment that is not readily available off the shelf.
- For equipment that is purchased after the application deadline.

**Funding Details:** Up to $150,000 for 1 year
Additional Details
Notify ROADS of Intent to Apply: August 8, 2018
Draft Application to ROADS: August 27, 2018
Final Application to ROADS: October 22, 2018
Sponsor Deadline: October 25, 2018

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

Canadian Cancer Society (CCS) Stand Up to Cancer Canada Metastatic Breast Cancer Dream Team
The Stand Up To Cancer Canada Metastatic Breast Cancer Dream Team, supported by Canadian Cancer Society (CCS) and Canadian Institutes of Health Research (CIHR), represents a new, focused effort to implement advances in metastatic breast cancer research as rapidly as possible through the creation of a collaborative, translational, cancer research "Metastatic Breast Cancer Dream Team". The most talented and promising researchers across Canadian institutions will be assembled into a pan-Canadian Dream Team, forming an optimal configuration of expertise needed to solve key problems in metastatic breast cancer and positively impact patients in the near future. This Metastatic Breast Cancer Dream Team will span multiple disciplines and utilize the new tools of modern biology to attack research questions in a coordinated way.

Funding Details: $6,000,000 for 4 years.

Additional Details
LOI Deadline: August 10, 2018
Internal HRS Deadline: October 12, 2018
Sponsor Deadline: October 26, 2018

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.

Funding Details:
- **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.

Additional Details
LOI Deadline: August 1, 2018

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

Additional Details
HRS Deadline: N/A
Sponsor Deadline: October 31, 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 levering 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 12, 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 12, 2018

Hamilton Health Sciences Early Career Awards
The Hamilton Health Sciences Research Early Career Awards are research personnel stipends awarded annually. These Early Career Awards are to be used to help the applicant pursue research in their specialty area through either purchasing a portion of time for the applicant’s salary OR a portion of time for salaries of research personnel who are supervised by the applicant.

Funding Details: Funding will be allocated to support up to eight awards each year. The value of each award will be up to $50,000 annually. Benefits are not included. The duration of the award will be up to three years.

Additional Details
Internal HRS Deadline: N/A
Sponsor Deadline: November 15, 2018

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. Additional Details

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. Additional Details
Funding Details:

- **Canadian Traditional Scholar Awards** - up to $12,500 for one semester, September 2019 or January 2020
- **Canadian Visiting Research Chairs** – up to $25,000 for one semester, September 2019, or January 2020

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

### Ontario Institute for Cancer Research: Health Services Research

In collaboration with Cancer Care Ontario, the Ontario Institute for Cancer Research (OICR) is excited to announce a new funding opportunity to support health services research projects that will provide the knowledge needed to optimize the delivery of cancer services today and to ensure appropriate dissemination of health service innovations and well-evaluated technologies.

**Funding Details:** Up to $150,000 per year for a maximum of two years.

### Government of Canada IDEaS: Innovation for Defence Excellence and Security

The IDEaS Program supports the establishment of new Innovation Networks and, where appropriate, existing networks, to stimulate collaboration and the free flow of ideas critical to innovation. Academics, industry and other partners are encouraged to come together to form collaborative Innovation Networks. Areas for support of advanced research and development (R&D) will vary over time depending on Canada’s current and future defence and security Innovation Challenges. Recognizing that successful sustainable research networks take time to build, the first Calls for Proposals will support the creation of smaller networks, or Micro-nets, that perform research on one or more aspects of an Innovation Challenge. It is envisioned that future Calls for Proposals would encourage the coalescence of successful Micro-nets (and where appropriate other networks/participants) to form larger sustainable national Innovation Networks dedicated to further research on a particular Innovation Challenge.

**Funding Details:** The total budget for this call is $9,000,000. Each Micro-net can request up to $1,500,000 over three years. Co-funding is not mandatory, however participants from for-profit organizations will be required to contribute up to 50% of their costs.

### Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 13

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

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

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

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

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**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

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

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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

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

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**MITACS Accelerate Fellowship**

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

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

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

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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*

Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2018
The Department of Defense has released 4 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:**
- **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
Lung cancer is the leading cause of cancer-related deaths in the United States, and claims more lives each year than all other major cancers combined. This year, more than 221,200 U.S. men and women will be diagnosed with lung cancer, and over 158,040 will die from the disease. Lung cancers are generally diagnosed at an advanced, incurable stage because patients often lack signs and symptoms in the early stages of the disease.

**Funding Details:**
- **Career Development Award** - Maximum funding of $250,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years

Additional Details
LOI Deadline: September 6, 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 CDMRP Pharmacotherapies for Alcohol and Substance Abuse (PASA) Consortium Funding Opportunities for Fiscal Year 2018
The goal of the PASA Consortium is to fund study applications for developing new medications that can be brought to therapeutic use to improve treatment outcomes for alcohol and substance use disorders (ASUD), especially as related to post-traumatic stress disorder (PTSD) and traumatic brain injury (TBI). The two upcoming Research Funding Opportunities are focused on:
1. **Request for Application (RFA) #3a**: Small-cost and short-duration planning grants awarded to investigators concerning a specific compound or combination of compounds.

2. **Request for Application (RFA) #3b**: Full study implementation awards for either:
   a. Conduct of proof-of-principle basic research to determine which compounds are most appropriate for human research trials; or
   b. Conduct of human proof-of-concept trials with promising compounds. The human trials must be ready-to-implement as defined in the RFA.

**Funding Details:**
- **RFA #3a Planning Grants** – Maximum total costs of $30,000 for a maximum performance of 6 months.
- **RFA#3b Full Study Implementation Awards**
  - Basic Research – Maximum total costs of $275,000 for 12 months.
  - Phase 1 Trials – Maximum total costs of $700,000 for 18-24 months.
  - Phase 2 Trials – Maximum total costs of $3,000,000 for 28-32 months.

**Additional Details**

**Deadlines for the RFA 3a: Planning Grant ONLY**
- **Internal HRS Deadline:** August 8, 2018
- **Sponsor Deadline:** August 22, 2018

**Deadlines for the RFA 3b: Full Study Implementation Grant ONLY**
- **LOI Deadline:** August 22, 2018
- **Internal HRS Deadline:** September 5, 2018
- **Sponsor Deadline:** September 19, 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 Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2018**

Several risk factors for the development of PD that are of particular interest to the military community have been identified in peer-reviewed studies. The most significant risk factors include: exposure to agriculture-type chemicals (including pesticides, insecticides, and solvents); traumatic injury to the head; depression; prolonged physiologic or mental stress; repeated or prolonged disruption of sleep architecture; and repeated or prolonged disruption of autonomic nervous function. These may immediately impact both physical and cognitive performance as well as predispose susceptible Warfighters to the development of neurodegenerative conditions such as PD. The PRP challenges the scientific community to develop the most impactful research that will advance the understanding of the disease, with the ultimate goal of ending PD.

**Funding Details:**
- **Early Investigator Research Award** – Maximum funding of $340,000 for total costs (includes direct and indirect costs) Maximum period of performance is 2 years.
- **Investigator-Initiated Research Award:**
  - **Individual PIs** - Maximum funding of $1.5 million (M) for total costs (includes direct and indirect costs) Maximum period of performance is 3 years.
  - **Partnering PI Option** - Maximum funding of $2M for total costs (includes direct and indirect costs) Maximum period of performance is 3 years.

**Additional Details**

**LOI Deadline:** September 17, 2018 (A Pre-application is required and must be submitted through eBRAP)

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

**Sponsor Deadline:** October 3, 2018

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**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

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**Department of Defense Epilepsy Research Program (ERP) Funding Opportunities for Fiscal Year 2018**

The ERP was initiated in 2015 to develop an understanding of the magnitude of post-traumatic epilepsy (PTE) within the military and to expand research into the basic mechanisms by which traumatic brain injury (TBI) produces epilepsy.

**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.

**Additional Details**

**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

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

The Department of Defense has released 4 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:
• Health Disparity Research Award:
  o Established Investigators – Maximum funding of $1,000,000 for direct costs (plus indirect costs).
  o 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**

**Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2018**

Many factors related to weaponry, personal protection, and trauma care during Operations Enduring Freedom and Iraqi Freedom resulted in greater survival of those sustaining increasingly severe combat injuries, particularly injuries to the face and the extremities. The intent of the RTR program is to advance the field of VCA to make the procedure possible for a broader population of patients, and to restore our wounded warriors to duty or to meaningful lives. The RTR program was initiated in 2012 to fund innovative projects in an array of topic areas within the field of VCA. Beneficiaries of the techniques and technologies developed with this funding include injured Service Members, Veterans, their caregivers, and family members, as well as civilians who have suffered catastrophic tissue loss.

Funding Details:
• Concept Award – Maximum funding of $200,000 for total costs. Maximum period of performance is 18 months.
• Investigator-Initiated Research Award:
  o Individual PIs – Maximum funding of $1 million (M) for total costs. Maximum period of performance is 3 years.
  o Multiple PIs - Maximum funding of $1.5M for total costs. Maximum period of performance is 3 years.
• Qualitative Research Award:
  o Individual PIs – Maximum funding of $1M for total costs. Maximum period of performance is 3 years
  o Partnering PI Option - Maximum funding of $1.5M for total costs. Maximum period of performance is 3 years.

**Additional Details**
LOI Deadline: **October 3, 2018** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **October 10, 2018**
Sponsor Deadline: **October 24, 2018**

**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 prosthetic 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**

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**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 Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018

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

Funding Details:

- **Breakthrough Award Levels 1 and 2 II:**
  - **Funding Level 1** – Maximum funding of $375,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 1 with Partnering PI Option** – Maximum funding of $600,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 2** – Maximum funding of $750,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 2 with Partnering PI Option** - Maximum funding of $1 million (M) for direct costs (plus indirect costs). The maximum period of performance is 3 years.

LOI Deadline: **November 1, 2018** (A pre-application is required and must be submitted through eBRAP)

Internal HRS Deadline: **November 8, 2018**

Sponsor Deadline: **November 15, 2018**

Funding Details:

- **Breakthrough Award Levels 3 and 4 II** –
  - **Funding Level 3** – Maximum funding of $2.5M in direct costs (plus indirect costs) The maximum period of performance is 4 years.
  - **Funding Level 3 with Partnering PI Option** – Maximum funding of $4M for direct costs (plus indirect costs) The maximum period of performance is 4 years.
  - **Funding Level 4 and Funding Level 4 with Partnering PI Option** - Maximum funding of $10M for direct costs (plus indirect costs) The maximum period of performance is 4 years.

LOI Deadline: **September 14, 2018** (A pre-application is required and must be submitted through eBRAP)

Internal HRS Deadline: **November 26, 2018**

Sponsor Deadline: **December 10, 2018**

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**
News & Events

*NEW* Canada Research Coordinating Committee Consultation

The Canada Research Coordinating Committee (CRCC) is launching a national consultation to reinvigorate Canada’s support for science and to position Canada as a global leader in research excellence. Visit the online consultation portal.

The consultation will focus on three priorities:

1. creating a new tri-agency fund to support international, interdisciplinary, fast-breaking and high-risk research that generates new knowledge;
2. strengthening equity, diversity and inclusion in research; and
3. support for early career researchers.

Budget 2018 proposed to invest more than $1.7 billion over five years to support researchers through Canada’s granting agencies and research institutes. This includes $275 million over five years to support the new Tri-Agency Research Fund. Stakeholders are invited to provide feedback on a draft funding model that the CRCC has developed to ensure we maximize the positive impact on academic research in Canada. Consultation will be held in communities across Canada. Input from this process will inform the development of a call for proposals this fall for the Tri-Agency Research Fund. The online consultation is open to all Canadians until August 27, 2018. The CRCC was created to improve the coordination efforts of Canada’s granting agencies—the Social Sciences and Humanities Research Council of Canada, the Natural Sciences and Engineering Research Council of Canada, and the Canadian Institutes of Health Research—as well as the Canada Foundation for Innovation.

Contacts:
Media Relations
Canada Research Coordinating Committee
613-992-4283
Alastair.Mullin@sshrc-crsh.gc.ca

*NEW* SSHRC Special Call: Indigenous Research Capacity and Reconciliation – Connection Grants Webinars

SSHRC will be holding a series of webinars on the Special Call Indigenous Research Capacity and Reconciliation for applicants and research administrators on upcoming competitions. The webinars will be held via Adobe Connect at the following times:

**English Session:**
Thursday August 9, 2018, 11am – 1pm EST [LINK]

**French Session:**
Thursday August 9, 2018, 2pm – 4pm EST [LINK]

Please note that you do not need to register in advance, and a question and answer period will follow the presentation. With Adobe Connect, questions must be submitted in writing.

**To join via Adobe Connect:**
- Click on the Adobe Connect webinar link on the date and time specified.
- Enter your name, and press “Enter Room”.
- Adjust the volume on your computer.

**First time attending an Adobe Connect meeting?**
- [Test your connection]
- [Get a quick overview]

Additional information regarding this special call can be found on the Social Sciences and Humanities Research Council (SSHRC) [website](http://www._sshrc-crsh.gc.ca).
CIHR Information Session for Students on Awards in Health Research

CIHR will be offering interactive information sessions to students and institution staff about CIHR award programs, including relevant policies, tips for applicants and guidelines on how to submit an application. The sessions will allow participants to be connected and discussions will be supported with a view of a PowerPoint presentation. Access to a computer with internet connection is required to access the session and view the PowerPoint presentation. Questions will be directed to CIHR via the webinar chat function. If you are interested in participating in one of these sessions (approximate duration is 2 hours), please access our website to register for the session in the language of your choice:

English Session:
Tuesday September 11, 2018, 11am-1pm EST

French Session:
Wednesday September 12, 2018, 11am-1pm EST

CIHR Fall Project and Foundation – Important Dates

Please be advised of the following CIHR Project and Foundation 18-09 timelines for submission:

PROJECT 18-09:
Maximum 2 Registrations can be submitted – Review committee selected and NPI cannot change (title difficult to change) for App stage. Foundation grant holders cannot be PI on Project submission.
Registration August 15 by 8:00 pm on ResearchNet (RNet)
INTERNAL review – Tu Sep 4 by 12 noon
FINAL deadline – Wed Sep 12 by noon*

FOUNDATION 18-09:
A reminder that ECI cannot apply to the Foundation stream.
Registration August 15 by 8:00 pm on ResearchNet (RNet)
Stage 1 INTERNAL review – Thu Sep 13 by 12 noon
Stage 1 FINAL deadline – Wed Sep 19 by noon*

*affords McMaster research offices ability to manage last minute issues
For further assistance, contact your faculty research office below.

Faculty of Health Sciences contact HRS by email to hresadm@mcmaster.ca for assignment to the appropriate contact.
All other faculties contact Virginia Viscardi in ROADS at viscarvl@mcmaster.ca

CIHR Project Grant Fall 2018 Webinars

CIHR is holding Q&A webinars for their Project Grant: Fall 2018 competition starting on Thursday, July 26, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed below in advance of the webinar to ensure that everyone’s experience is as productive as possible. CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, click on the below link of the session you would like to attend. When you register, a confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password. Registration is required to participate in this webinar.

English Sessions:
• Thursday, August 9, 2018 (13:00 - 14:00 EDT)
• Wednesday, August 22, 2018 (13:00 - 14:00 EDT)
• Thursday, August 30, 2018 (13:00 - 14:00 EDT)
• Thursday, September 6, 2018 (13:00 - 14:00 EDT)

French Sessions:
• Tuesday, August 21, 2018 (13:00 - 14:00 EDT)
For more information, please visit CIHR’s website: http://www.cihr-irsc.gc.ca/e/45096.html

**CIHR Foundation Grant Stage 1 Webinars**

CIHR is holding Q&A webinars for their 2018-2019 Foundation Grant Stage 1 Application starting on **Wednesday, July 18, 2018**. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed below in advance of the webinar to ensure that everyone’s experience is as productive as possible. CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, click on the below link of the session you would like to attend. When you register, a confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password. **Registration is required to participate in this webinar.**

**English Sessions:**
- **Wednesday, August 8, 2018 (13:30 – 14:30 EDT)**
- **Wednesday, September 5, 2018 (13:30 – 14:30 EDT)**

**French Sessions:**
- **Thursday, August 23, 2018 (11:00 – 12:00 EDT)**

For more information, please visit CIHR’s website: http://www.cihr-irsc.gc.ca/e/45096.html

**Canada Foundation for Innovation (CFI) – Planning for Innovation Fund 2019**

The CFI Innovation Fund (IF) enables institutions to strengthen their research infrastructure in priority areas. An eligible infrastructure project involves the modernization, acquisition, development of research infrastructure with the goal of enabling Canadian researchers to tackle ground-breaking projects. We have indications that CFI plans to release a Draft Call for Proposals for the IF in the beginning of 2019.

CFI limits the amount of funding an institution may request. As such, we must be highly strategic in the applications selected for submission.

Anyone interested in submitting an IF application must meet with Dr. Bramson to discuss:
- the excellence, innovation and viability of the proposed research program;
- the need for additional infrastructure;
- eligibility and fit with the Innovation Fund mandate;
- the planned location for this project and the plan for sustainability.

To schedule a meeting, please contact Jenn Seager, ext. 22184; seagerj@mcmaster.ca

For any programmatic questions, please contact Tracy Arabski, Director Health Research Services; ext. 22515; arabski@mcmaster.ca

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**Health Research Grant Competitions**

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

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<td>National Multiple Sclerosis Society: Collaborative MS Research Centers</td>
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<td>(Contact <a href="mailto:hsresadm@mcmaster.ca">hsresadm@mcmaster.ca</a> with intent to apply)</td>
<td>Aug 31 Feb 1 2019 Feb 15 2019</td>
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</table>
**NEW** Department of Defense Vision Research Program (VRP) Funding Opportunities for Fiscal Year 2018

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

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**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: **September 18, 2018**
Sponsor Deadline: **October 2, 2018**

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**CIHR – Travel Awards: Institute Community Support (Summer 2018)**

The ICS Travel Awards funding opportunity is expected to provide travel funds to individuals in aid of research and knowledge translation activities consistent with CIHR initiatives’ priorities or CIHR institutes’ vision, mandate and strategic directions. In addition to this overarching objective, each participating institute/initiative has their own relevant Research Areas, outlined in the “Sponsor Description” section of this funding opportunity.

**Funding Details:** The total amount available for this funding opportunity is $230,800. This amount may increase if additional funding partners participate. The maximum value of the ICS Travel Awards varies by institute/initiative but must be of a minimum value of $500.

**Additional Details**

Internal HRS Deadline: **August 9, 2018**
Sponsor Deadline: **August 23, 2018**

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**CIHR Operating Grant: Evaluation of Interventions to Address the Opioid Crisis**

The Operating Grant: Evaluation of Interventions to Address the Opioid Crisis funding opportunity is expected to:

- Address the pressing intervention-related evidence needs of knowledge users within one or more pillars of the CDSS.
- Increase the application of knowledge in health care and/or health services policy and practice related to one or more pillars of the CDSS, in order to address the most urgent elements of the opioid crisis, including opioid-related mortality rates.
- Encourage the evaluation of interventions that consider sub-populations and/or the biological and social determinants of problematic opioid use.

**Funding Details:** The total amount available for this funding opportunity is $1,500,000, enough to fund approximately 15 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $100,000 per year for up to 1 year.

**Additional Details**

LOI Deadline: **August 21, 2018**
Internal HRS Deadline: **August 22, 2018**
Sponsor Deadline: **September 5, 2018**
**CIHR Catalyst Grant: Analysis of CLSA Data**

The objective of this funding opportunity is to catalyze and support research efforts of Canadian researchers to use the available CLSA data in order to better understand how (individually and in combination) the biological, medical, psychological, social, lifestyle and/or economic aspects of people’s lives have an impact in both maintaining health and in the development of disease and disability as people age.

**Funding Details:** The total amount available for this funding opportunity is $925,000, enough to fund approximately 13 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $70,000 for up to 1 year.

**Additional Details**

**LOI Deadline:** August 14, 2018  
**Internal HRS Deadline:** August 22, 2018  
**Sponsor Deadline:** September 5, 2018

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**CIHR – Cannabis & PTSD Treatment in Military Personnel & Veterans**

PTSD is one of the most prevalent, chronic, and disabling disorders amongst veterans and active duty CAF personnel. A large proportion of individuals who experience PTSD symptoms in these populations do not seek treatment; and of those that do, many fail to fully respond to the treatments provided or the available treatments provide only minimal benefit. Currently, cannabis is widely prescribed for a variety of medical conditions, however, scientific evidence substantiating the efficacy or safety of cannabis for PTSD treatment in Canadian military personnel and veterans is lacking.

**Funding Details:** The total amount available for this funding opportunity is $4.32 million, to fund one (1) grant. The maximum amount available is $1.08 million per year for up to four (4) years.

**Additional Details**

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

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**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

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**CIHR – Clinical Trials Network in HIV/AIDS (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 Project Grant: Fall 2018
The Project Grant program is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes by supporting projects with a specific purpose and a defined endpoint. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches. The Project Grant program is expected to:

- Support a diverse portfolio of health-related research and knowledge translation projects at any stage, from discovery to application, including commercialization;
- Promote relevant collaborations across disciplines, professions, and sectors;
- Contribute to the creation and use of health-related knowledge.

Funding Details: The total amount available for CIHR’s 2018-19 Investigator-Initiated Research Programs competitions (Foundation Grant, and Fall 2018 and Spring 2019 Project Grants) is approximately $655M. The allocation of this investment between the Foundation and Project Grant programs is under review.

Additional Details and to Register
LOI/Registration Deadline: August 15, 2018 8PM E-Approval on RNet
Internal HRS Deadline: September 4, 2018 - 12PM
Sponsor Deadline: September 12, 2018 - 12PM

CIHR – Early Career Investigator Awards
The 2018 Early Career Investigator Awards in Circulatory and Respiratory Health provide recipients with the opportunity to develop and demonstrate their independence in initiating and conducting research in any one of the ICRH mandate areas. These awards are designed to provide protected time for early career investigators to undertake research relevant to the ICRH mandate by contributing to both salary and research allowances.

Funding Details: The total amount available for this funding opportunity is $2,070,000, enough to fund approximately 6 awards. This amount may increase if additional funding partners participate. The maximum amount per award is $115,000 per year for up to three (3) year for a total of $345,000, per award.
Additional Details
Internal HRS Deadline: September 4, 2018
Sponsor Deadline: September 18, 2018

CIHR Foundation Grant: Fall 2018
The Foundation Grant program is designed to contribute to a sustainable foundation of established health research leaders, by providing long-term support for the pursuit of innovative and high-impact research programs.
The Foundation Grant program is expected to:

- Support a broad base of health research leaders across all health-related disciplines with a demonstrable track record of excellence and impact in their field of study;
- Develop and maintain Canadian capacity in health research and other related fields;
- Provide research leaders with the flexibility to pursue novel and innovative lines of inquiry;
- Contribute to the creation and application of health-related knowledge through a wide range of research and/or knowledge translation activities, including relevant collaborations.

Funding Details: The total amount available for CIHR’s 2018-19 Investigator-Initiated Research Programs competitions (Foundation Grant and Fall 2018 and Spring 2019 Project Grants) is approximately $655M. The allocation of this investment between the Foundation and Project Grant programs is under review.

Additional Details and to Register
LOI/Registration Deadline: August 15, 2018 8PM E-Approval on RNet
Internal HRS Deadline: September 13, 2018 - 12PM
Sponsor Deadline: September 19, 2018 - 12PM

CIHR – Catalyst Grant: PTSI among PSP Workers
Public safety personnel (PSP) such as firefighters, police, paramedics, search and rescue volunteers, correctional services workers and officers, border services officers, operational and intelligence analysts, and Indigenous emergency managers, all play a critical role in keeping Canadians safe. They put themselves in harm’s way to protect Canadians from a spectrum of threats, often at great personal risk. In doing so, PSP are repeatedly exposed to potentially traumatic or disturbing experiences that can take a significant toll on their mental health and well-being. Chief among these mental health issues are post-traumatic stress injuries (PTSI), which refer to a broad set of persistent psychological difficulties including those resulting from operational duties performed as PSP (also known as operational stress injuries). Extending beyond clinically diagnosed post-traumatic stress disorder (PTSD), PTSI can also include substance use, anxiety, depression, and other mental health conditions.

Efforts to advance the knowledge base of PTSI, and PTSD in particular, are underway in other populations such as the military; nevertheless, data examining the impact of PTSI on mental health outcomes among distinct PSP groups and their unique occupational environments remain limited in Canada. Both public safety and health stakeholders have identified a need for additional research in this area.

Funding Details: The total amount available for this funding opportunity is $2.25 million, enough to fund approximately 15 grants. The maximum amount per grant is $150,000 per year for up to 1 year, for a total of $150,000 per grant.

Additional Details
Internal HRS Deadline: September 11, 2018
Sponsor Deadline: September 25, 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 – Clinician-Scientist Salary Award: Phase 2
The Clinician Scientist program had two phases. Phase 1 provided stipends for up to six years of training support and is no longer being launched. Phase 2 provides a contribution to the salary of the recipient for up to six years (initial three-year award followed by a possible three-year renewal award). This opportunity provides funding for the Phase 2 component of the program and is designed to provide outstanding Clinician Scientists the opportunity to develop and demonstrate their independence in initiating and conducting health research through provision of a contribution to their salary. Applications to this funding opportunity are restricted to recipients of Clinician Scientist awards. It is the applicant’s responsibility to ensure that the renewal application is submitted at the appropriate time to avoid a gap in the funding period.

Funding Details: The total amount available for this funding opportunity is $180,000 over three years, enough to fund approximately one award. The maximum amount per award is $60,000 per annum for up to three years. Salary contribution: $60,000 per annum, including fringe benefits.

Additional Details
Internal HRS Deadline: September 18, 2018
Sponsor Deadline: October 2, 2018

CIHR – Doctoral Research Award 2018-2019
The specific objectives of this funding opportunity are:
• To provide recognition and funding to students early in their academic research career, providing them with an opportunity to gain research experience; and
• To provide a reliable supply of highly skilled and qualified researchers.

Funding Opportunities in Specific Research Areas
The CGS-D and the DFSA programs will fund applications in any area of health research. Additional funds are available, in specific research areas, to support Doctoral Research Award applications that are not funded through either the CGS-D or the DFSA.

• Doctoral Research Award: Fall 2018 Priority Announcement (Specific Research Areas)

Funding Details:
• The total amount available for the CGS-D competition is $14 million, enough to fund approximately 133 awards.
• The total amount available for the DFSA competition is $1.05 million, enough to fund approximately 10 awards.
• The maximum amount per award is $35,000 per year for up to three years. Award funding is allocated as follows:
  o Stipend: $30,000 per annum
  o Research allowance: $5,000 per annum

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: October 2, 2018

CIHR – Catalyst Grant: HIV/AIDS Community-Based Research
This funding opportunity (FO) is expected to:
• Support partnerships between communities affected by HIV in Canada and researchers to facilitate the conduct of community-based research; and/or
• Develop future applications for more comprehensive community-based research grants.

Examples of activities that might be conducted under this request for applications are (but are not restricted to):
• Facilitation of dialogue between communities and researchers in order to establish research partnerships;
• Workshops to design a research project and/or develop a proposal for a future CBR operating grant;
• Planning and execution of pilot projects or feasibility studies to generate preliminary data, proof of concept; and/or
• Development and/or validation of new inventions, tools, methodologies, protocols, theoretical models or frameworks.
Funding Details: The total amount available for this funding opportunity is $480,000, enough to fund approximately 12 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $40,000 for up to one year.

Additional Details
Internal HRS Deadline: September 18, 2018
Sponsor Deadline: October 2, 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: September 18, 2018
Sponsor Deadline: October 2, 2018

CIHR – Operating Grant: Data Analysis Using Existing Databases and Cohorts
CIHR and other funding agencies have invested heavily in the establishment of cohorts and databases, and as a result many high quality datasets exist containing information on populations, health systems, patient information and biospecimens. These datasets contain a wealth of information and have the potential to answer research questions that go beyond those for which the data were originally collected or for which the data has been used to-date. There is also the potential to link diverse datasets, thus enabling explorations of novel associations and interactions between human, environmental and clinical factors. Analyses using these existing resources are also cost-effective way to provide high quality and timely evidence to improve patient outcomes and for population and public health decision making. The intent of this funding opportunity is to highlight large, well-established cohorts/databases*, such as the Canadian Partnership for Tomorrow Project (CPTP), the Canadian Urban Environmental Health Research Consortium (CANUE) data, and the European Prospective Investigation into Cancer and Nutrition (EPIC), as well as administrative datasets and national surveys to encourage their utilization by the research community.

Funding Details: The total amount available for this funding opportunity is $1,500,000 enough to fund approximately fifteen (15) grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $100,000 for 1 year.

Additional Details
LOI Deadline: August 23, 2018
Internal HRS Deadline: September 18, 2018
Sponsor Deadline: October 2, 2018

CIHR – Operating Grant: HIV/AIDS Community-Based Research
This funding opportunity (FO) is expected to:

• Promote the creation of new knowledge that is relevant to communities affected by HIV in Canada and aligns with the goals of the Federal Initiative;
• Promote the dissemination of new knowledge and uptake of evidence into action to enhance the community response to the HIV/AIDS epidemic;
• Develop partnerships between researchers and affected communities;
• Build capacity in the knowledge user community to engage in research and use evidence in their everyday business;
• Build the next generation of HIV/AIDS CBR researchers through meaningful engagement of trainees in high quality CBR projects; and
• Reduce the incidence of new infections in high-risk groups by focusing research on prevention efforts.
Funding Details: The total amount available for this funding opportunity is $1.8 million, enough to fund approximately four grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $150,000 per year, for up to three years and a total of $450,000 per grant.

Additional Details
Internal HRS Deadline: September 19, 2018
Sponsor Deadline: October 3, 2018

CIHR – Operating Grant: Transitions in Care – Best and Wise Practices Grants
The Best and Wise Practices Grants are expected to:
• Develop relevant research capacity leading up to future TiC funding opportunities;
• Inform actionable health system changes within the TiC Focus Areas by supporting systematic identification and collating of transitions in care knowledge gaps and/or identification of effective evidence-based interventions and/or policies;
• Facilitate the identification of relevant transitions in care stakeholders and partnerships, with a particular focus on partnerships that can support community-based research and approaches that have potential for equitable spread and scale between communities, at a regional and/or national level.

Funding Details: The total amount available for this funding opportunity is $1,200,000, enough to fund a minimum of 12 grants. The maximum amount per grant is $100K for up to one (1) year.

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

CIHR – Prize: Gold Leaf Prize for Discovery
CIHR’s Gold Leaf Prize for Discovery is awarded to individuals or teams whose research findings are unique, innovative and represent a ground-breaking discovery in any pillar of health research that has been seen to significantly influence knowledge in the field. This prize celebrates breakthrough discoveries pivotal to innovation from across the spectrum of health research.

Funding Details: The total amount available for this prize is $100,000, enough to fund one prize for one year.

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

CIHR – Prize: Gold Leaf Prize for Impact
CIHR’s Gold Leaf Prize for Impact is one of the highest honours that can be accorded to an individual or team by CIHR for health research in the Canadian context with a proven impact on health outcomes, practices or policies and/or on the health system. This prize bestows honour on distinguished researchers in recognition of the impact of their contributions to transforming and mobilizing health research for the benefit of Canadians.

Funding Details: The total amount available for this prize is $100,000, enough to fund one prize for one year.

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

CIHR – Prize: Gold Leaf Prize for Outstanding Achievements – Early Career Investigator
CIHR Gold Leaf Prize for Outstanding Achievements by an Early Career Investigator recognizes outstanding early career investigators in order to support excellence in the next generation. It provides prestigious recognition to an exceptional health researcher who is expected to continue to produce research of exceptional merit. This prize bestows honour on an outstanding early career researcher who is expected to continue to produce research of exceptional merit.

Funding Details: The total amount available for this prize is $100,000, enough to fund one prize for one year.
**Additional Details**  
**Internal HRS Deadline:** September 26, 2018  
**Sponsor Deadline:** October 10, 2018

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**CIHR – Prize: Gold Leaf Prize for Transformation: Patient Engagement**

The purpose of the CIHR Gold Leaf Prize for Transformation: Patient Engagement is to bestow accolades to leaders within health research who are at the forefront of realizing meaningful and active collaborations with patients, researchers, health practitioners, administrators and policy-makers in order to advance patient-identified priorities and improve patient outcomes.

**Funding Details:** The total amount available for this prize is $100,000, enough to fund one prize for one year.

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

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**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.

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

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**CIHR – Prize: IHDCYH Talks (2018)**

The CIHR Institute of Human Development, Child and Youth Health (IHDCYH) is launching its fifth round of the IHDCYH Talks Video Competition, a unique opportunity to submit short videos (recommended maximum length of 5 minutes) sharing evidence-based messages in the area of maternal, reproductive, child and youth health. This competition encourages the production of videos that present a clear evidence-based message to a lay audience that is designed to have a positive impact on the health of children, youth and families. This competition is soliciting videos not just from members of the research community, but also more widely from non-governmental or not-for-profit organizations (including community or charitable organizations), as well as members of the general public who are able to demonstrate a clear, evidence-based message related to IHDCYH's mandate. Successful videos will be posted on CIHR and IHDCYH social media and shared through other communications channels. It is important that the content be engaging, easily understood and accessible to a lay audience.

**Funding Details:** The total amount available for this funding opportunity is $5,500, enough to fund four prizes.

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**Additional Details**  
**Internal HRS Deadline:** October 2, 2018  
**Sponsor Deadline:** October 16, 2018

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**CIHR – Doctoral Research Award: Vanier Canada Graduate Scholarships 2018-2019**

The Vanier Canada Graduate Scholarship (Vanier CGS) was created to attract and retain world-class doctoral students and to establish Canada as a global centre of excellence in research and higher learning. It is available to both Canadian and international PhD students studying at Canadian universities. 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. For further information about this funding opportunity, please consult the [Vanier CGS](#) website.
Funding Details: The total amount available for this funding opportunity is $24,900,000, enough to fund approximately 166 awards. The maximum amount per award is $50,000 per year, for up to three (3) years and a total of $150,000 per award. This funding is non-renewable.

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: October 31, 2018

CIHR - Fellowship
CIHR’s Health Research Training Strategy aims to equip research trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise. Generating Research Leaders of tomorrow is a key objective for CIHR. Fellowships provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

Funding Details: The awards consist of a stipend and a research allowance and are valued in Canadian dollars. It is anticipated that approximately $21 million over five years will be available through this competition. The maximum amount awarded for a single award is up to $60,000 per annum for up to 5 years. The value and duration of each award is determined by the degree(s) held, licensure (where applicable), location of tenure and experience of the applicant.

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: November 1, 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 – Indigenous Gender and Wellness: Idea Fair and Learning Circle
The specific objectives of this funding opportunity and the Idea Fair and Learning Circle are to:

• Foster a safe space for Indigenous Peoples to share ideas on Indigenous gender and wellness with supporters who will help them to grow their ideas into fundable projects.
• Facilitate knowledge sharing and learning to develop and strengthen Indigenous-focused projects.

Funding Details: The total amount available for this funding opportunity is $800,000, enough to fund approximately 160 awards.

Additional Details
Internal HRS Deadline: October 25, 2018
Sponsor Deadline: November 8, 2018
**CIHR – Catalyst Grant: SPOR Innovative Clinical Trials**

The [Strategy for Patient-Oriented Research (SPOR)](https://www.cihr-icrhp.gc.ca/eOrNull/45842?lang=en) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. Clinical trials are one of the elements of SPOR that responds to its goals to strengthen organizational, regulatory and financial support for clinical studies in Canada, and enhance patient and clinician engagement in research. Under this element, the [Innovative Clinical Trials (iCT) initiative](https://www.cihr-icrhp.gc.ca/eOrNull/45842?lang=en) aims to build capacity and increase the intensity of iCT research. iCTs use designs that are alternative to traditional Randomized Controlled Trials (RCT) with application in areas ranging from product development to health system improvement. iCT methods can reduce the cost of conducting trials, reduce the amount of time needed to answer research questions, and increase the relevance of research findings to patients, health care providers and/or policy makers. Adopting these alternative designs can maximize the use of existing knowledge and data.

**Funding Details:** The total amount available for this funding opportunity is $1,000,000, enough to fund approximately ten (10) grants. The maximum amount per grant is $100,000 for up to one year.

**Additional Details**

*Internal HRS Deadline:* October 31, 2018
*Sponsor Deadline:* November 14, 2018

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**CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research**

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

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

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

**Additional Details**

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

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

The [Strategy for Patient-Oriented Research (SPOR)](https://www.cihr-icrhp.gc.ca/eOrNull/45842?lang=en) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. All recipients of funding through SPOR are required to adhere to the following principles:

- Patients need to be involved in all aspects of the research to ensure questions and results are relevant;
- Decision-makers and clinicians need to be involved throughout the entire research process to ensure integration into policy and practice;
- Funding under SPOR is based on a 1:1 matching formula;

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• Effective patient-oriented research requires a multi-disciplinary approach; and
• SPOR is outcome driven and incorporates performance measurement and evaluation as integral components of the initiative.

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

**Additional Details**

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

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### CIHR – Network for Global Governance Research on Infectious Diseases

The Network for Global Governance Research on Infectious Diseases is expected to:

• Facilitate the establishment of a Canadian research network focused on a comprehensive, interdisciplinary, and intersectoral approach to global governance of infectious diseases by:
  o Strengthening research capacity and catalyzing social science researchers across Canada to generate and apply new knowledge about effective global governance arrangements for preventing and managing infectious diseases and public health threats; and
  o Fostering national and international research collaborations on global governance of infectious diseases to better connect researchers currently working in isolation and actively contribute to the emerging European Commission–funded [International Network of Social Sciences Research Centres Hub](#) focused on infectious diseases.

• Enable better preparedness for infectious diseases through the application of knowledge, sharing of lessons learned, and the creation of improved governance arrangements by:
  o Facilitating interactions and ongoing communication and coordination among researchers, stakeholders, and global policymakers to institutionalize the use of research evidence in global and national decision making on governance arrangements for disease preparedness; and
  o Promoting the use of research results, by ensuring that research evidence is communicated in appropriate forms and used by relevant stakeholders.

**Funding Details:** The total amount available for this funding opportunity is $2 million enough to fund one grant. This amount may increase if additional funding partners participate. The maximum amount is $500,000 per year for up to 4 fiscal years for a total of $2 million.

**Additional Details**

**LOI Deadline:** September 25, 2018  
**Internal HRS Deadline:** May 23, 2019  
**Sponsor Deadline:** June 6, 2019

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### 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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### Heart & Stroke Foundation: Grants-in-Aid Award Programs

The Heart & Stroke Grant-in-Aid (GIA) program provides operating funds to support important, pertinent, novel research in the areas of heart disease and stroke. GIA funding promotes research discovery, exploration and innovation across all health research themes.
Knowledge gained from scientific findings, contributes to the cardiovascular and cerebrovascular health of Canadians through prevention, treatment and recovery. Research is supported across the four health research themes:

- Basic Biomedical
- Clinical
- Health Services/Systems
- Social, Cultural, Environmental and Population Health

**Funding Details:** up to $100,000 per year for a duration of 3 years.

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**The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program**

Life expectancy for people with hemophilia has improved and is now approaching that of the general population. The growing population of older people with hemophilia will therefore increasingly face age-related morbidities such as cardiovascular diseases, malignancies, liver disease, and bone and joint related disease, as well as the lifestyle and psychosocial factors that accompany and predispose to many of these conditions. Little is known about how to manage cardiovascular disease, cancer, dementia, and other age-related diseases in the older hemophilia population. Recognizing the importance of how age-related diseases might affect people with hemophilia, this research program’s goal is to support research that will help inform how management and treatment should best be adapted for people ageing with hemophilia. The research program will support studies that aim to:

- Identify and provide insight into key issues associated with the ageing hemophilia population
- Identify how management of age-related co-morbidities should be adapted to those with hemophilia
- Create and deliver evidence-based information to health care practitioners (HCPs), the public and policy makers that will lead to improved care and QoL for older Canadians living with hemophilia

**Funding Details:** The primary intent of this program is to offer one or two $30,000 research grants, to a maximum of $60,000 for one year.

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**Natural Sciences and Engineering Research Council of Canada (NSERC) Deutsche Forschungsgemeinschaft (DFG) Training Program**

In order to be considered for this opportunity, Canadian candidates should follow these steps:

- Canadian researchers should first establish a collaboration with German researchers.
- Since the DFG International Research Training Groups (IRTG) process requires more time than the NSERC application process, the German researchers must start by submitting a pre-proposal to the DFG. Although there is no set deadline for the pre-proposal, the DFG requires that the DFG IRTG pre-proposal be submitted in September, followed by the full proposals for IRTG and CREATE to be submitted in parallel to both organizations the following Fall. If you are interested in submitting your application to NSERC in 2019, please encourage your German collaborators to contact the DFG immediately and get the pre-proposal submitted in September 2018.
- Applicants with a successful DFG IRTG pre-proposal can proceed directly to submitting a full application to NSERC without the need for a full LOI.
- Because of NSERC’s system requirements, applicants must provide the basic information in their LOI as it is used to generate a Form 102. Please contact NSERC for further details.
- Proposals will be evaluated through the agencies’ (NSERC and DFG) respective peer review processes. The CREATE application should stand alone and contain all the necessary details about the Canadian side of the collaboration.
- CREATE Grant applications involving a collaboration with researchers applying to the DFG’s IRTG program compete with the applications of the other applicants invited to submit a CREATE Grant application in the same competition.
- DFG IRTG/NSERC CREATE proposals will be funded only if both are successful in their individual competitions.

**Funding Details:** NSERC-DFG grants can now spread the funding over nine years to match the DFG time frame. No additional funds will be allocated, and grantees will have to manage the $1.65 million over the nine years.
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.

American Urological Association: Physician Scientist Residency Training Award
The Physician Scientist Residency Training Award (PSRTA) will grow the population of surgeon-scientists who can effectively lead robust research programs, successfully compete for independent research funding and more effectively engage with basic scientists. Rare in the field of urology, but common in other medical and surgical fields, this program supports three years of research training embedded within residency.

Funding Details: $75,000/year for 3 years

American Urological Association: 2019 Urology Care Foundation Research Scholar Award
Urology Care Foundation Research Scholar Awards support future research leaders and ensure they receive the necessary training and guidance for a successful research career. Initiated in 1975, these awards provide funding for one- and two-year mentored research training for clinical and postdoctoral fellows or early-career faculty. To date, the program has invested over $25 million to support over 600 Research Scholars, most of whom have remained in committed research career tracks and now serve as leaders in urologic research and clinical practice. Physician scientists (MD or equivalent degree) and researchers (PhD or equivalent degree) are invited to apply. Awards provide $40,000 per year for one or two years of support and require intensive involvement of one or more mentors committed to advancing the development of the award recipient.

Funding Details: $40,000 per year for one- and two-year mentored training.

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

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

Social Sciences and Humanities Research Council (SSHRC) Aid to Scholarly Journals
Aid to Scholarly Journals grants respond to the objectives of the Connection program. They support Canadian scholarly dissemination by offering a contribution to enable journals to explore innovative activities as well as to help them to defray the costs associated with publishing scholarly articles, digital publishing and journal distribution on Canadian not-for-profit platforms. Aid to Scholarly Journals grants are meant to:

- increase dissemination, discoverability and readership of original research results in the social sciences and humanities through Canadian scholarly journals;
- leverage significant federal investments in digital scholarly publishing infrastructure;
- assist journals as they seek to take advantage of developments in digital technologies and innovative practices; and
- encourage the transition to open access models of publishing.

Funding Details: Aid to Scholarly Journals grants are valued at up to $30,000 per year over 3 years.

Additional Details
Notify ROADS of Intent to Apply: ASAP
Draft Application to ROADS: August 20, 2018
Final Application to ROADS: September 4, 2018
Sponsor Deadline: September 10, 2018
*To Apply, Contact Christina Pellegrini, Senior Advisor, ROADS at pellegrc@mcmaster.ca or extension 27207*

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
Ontario Institute for Cancer Research: Cancer Therapeutics Innovation Pipeline

The Ontario Institute for Cancer Research (OICR) established the Cancer Therapeutics Innovation Pipeline (CTIP) strategic initiative to capitalize on Ontario’s expertise in cancer biology and drug discovery. CTIP aims to support the translation of Ontario discoveries into therapeutic assets with the potential for improving the lives of cancer patients.

**Funding Details:** Up to $100,000 per year for a maximum of one year.

**Additional Details**

**LOI Deadline:** August 13, 2018

**Internal HRS Deadline:** September 7, 2018

**Sponsor Deadline:** September 21, 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*

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.

**Funding Details:** Up to $15,000 is awarded annually.

**Additional Details**

**Internal HRS Deadline:** September 14, 2018

**Sponsor Deadline:** September 28, 2018

Crohn’s & Colitis Foundation Visiting IBD Research Fellowship Program

The Crohn’s & Colitis Foundation’s Visiting IBD Research Fellowship (VIRF) is a program designed to promote career advancement for talented junior investigators dedicated to inflammatory bowel disease (IBD) research, and to enable knowledge-sharing among leaders in the IBD field. The Foundation encourages outstanding young scientists and clinicians who would like to expand their expertise in IBD research to participate in this short-term research training (3–12 weeks), carried out in a cutting-edge, NIH-funded laboratory under the mentorship of a leader in IBD research. VIRF is supported through an independent educational program grant from Gilead Sciences, Inc.

**Additional Details**

**Internal HRS Deadline:** September 14, 2018

**Sponsor Deadline:** September 30, 2018
Mitacs Globalink Research Award

In the warm and gentle days of summer, planning for a winter abroad may feel premature. But much like the colder days, deadlines often arrive sooner than we’d like them to. Destinations now include Australia, China, EU member countries, Japan, and the United States — the complete list of eligible destinations is on the [award web page](#), along with a searchable “Find A Professor” list of professors interested in hosting students from Canada.

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

**Additional Details**

**Internal HRS Deadline:** September 14, 2018  
**Sponsor Deadline:** September 30, 2018

Government of Canada – Strategic Innovation Fund Stream 4

The goal of Stream 4 is to be a catalyst to advance industrial research, development and technology demonstration through collaboration between the private sector, researchers and non-profit organizations. The consortium-led project will include large-scale industrial R&D which leverages significant private sector investment to bring a new transformative platform technology from a laboratory environment to an operational environment while integrating emerging technology. Projects/Proposals are expected to generate innovation, economic and social benefits such as:

- Increase private sector investments in R&D.
- Creation of new intellectual property and innovations.
- Strengthening of the Canadian supply chain.
- Development and implementation of new products, processes, standards and/or services.
- Development of new highly skilled workforce.
- Improvements to health, safety and security of Canadians.
- Leverage public funding to attract private sector and other investments to support the commercialization and sharing of IP or the mobilization of innovation (i.e. high leverage ratio).
- Establish new and incremental collaborations between business and research institutions.
- Provide infrastructure to support industry-led R&D.
- Support the growth and scaling of firms that are able to attract venture capital investment and expand to new markets.
- Equity and diversity considerations are integrated in recipients' network-wide policies.
- Development of new highly skilled workforce.

**Additional Details**

**LOI Deadline:** August 31, 2018  
**Sponsor Deadline:** October 2018

Kidney Foundation of Canada: 2019 Biomedical Research Grant Competition

Biomedical Research Grants provide financial support to medical researchers to assist in defraying the operating costs of research, which may include the purchase of materials, supplies and equipment and the payment of laboratory assistants. Grants are available for one, two or three years, commencing July 1, for up to $50,000 per year. The research must be carried out in Canada.

**Funding Details:** $450,000 over 4 years, with a maximum of $112,500 per year.

**Additional Details**

**LOI Deadline:** September 1, 2018  
**Internal HRS Deadline:** September 17, 2018  
**Sponsor Deadline:** October 1, 2018

Hamilton Health Sciences New Investigator Fund

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

**Funding Details:** Grants will be awarded based on the excellence exhibited by the research and a maximum of $50,000 awarded per project.

**Additional Details**
Internal HRS Deadline: N/A
Sponsor Deadline: October 1, 2018

**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. Interns must be between 15 and 30 years old, a post-secondary graduate, and a Canadian citizen, permanent resident, or person who has been granted refugee status in Canada. Eligible hiring organizations must support a green project in the science, technology, engineering or math fields.

**Funding Details:** between $20,000 - $25,000 for up to 6 months.

**Additional Details**
Internal HRS Deadline: September 17, 2018
Sponsor Deadline: October 1, 2018

**Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments Grants Program**
Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment. RTI Grants are one-year awards of up to $150,000 that assist in the purchase or fabrication of research equipment with a net cost between $7,001 and $250,000 (before taxes, customs and importation fees, transportation and shipping charges, assembly and installation costs). The research community is also encouraged to explore other avenues for funding research tools and instruments, including NSERC's other programs that include the purchase of equipment as eligible expenses, such as Discovery Grants. NSERC will only accept requests:

- For tools and instruments that form a comprehensive system intended to support NSERC funded research in the natural sciences and engineering (bundling of unrelated tools and instruments, will not be accepted).
- For the purchase of new, used or refurbished equipment, or for the repair or upgrade of equipment, or for the fabrication of equipment that is not readily available off the shelf.
- For equipment that is purchased after the application deadline.

**Funding Details:** Up to $150,000 for 1 year

**Additional Details**
Notify ROADS of Intent to Apply: August 8, 2018
Draft Application to ROADS: August 27, 2018
Final Application to ROADS: October 22, 2018
Sponsor Deadline: October 25, 2018
*To Apply, Contact Nathan Coschi, Senior Advisor, ROADS at coschimn@mcmaster.ca or extension 21581*

**Canadian Cancer Society (CCS) Stand Up to Cancer Canada Metastatic Breast Cancer Dream Team**
The Stand Up To Cancer Canada Metastatic Breast Cancer Dream Team, supported by Canadian Cancer Society (CCS) and Canadian Institutes of Health Research (CIHR), represents a new, focused effort to implement advances in metastatic breast cancer research as rapidly as possible through the creation of a collaborative, translational, cancer research "Metastatic Breast Cancer Dream Team". The most talented and promising researchers across Canadian institutions will be assembled into a pan-Canadian Dream Team, forming an optimal configuration of expertise needed to solve key problems in metastatic breast cancer and positively impact patients in the near future. This Metastatic Breast Cancer Dream Team will span multiple disciplines and utilize the new tools of modern biology to attack research questions in a coordinated way.
**Funding Details:** $6,000,000 for 4 years.

**Additional Details**

**LOI Deadline:** August 10, 2018  
**Internal HRS Deadline:** October 12, 2018  
**Sponsor Deadline:** October 26, 2018

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**Hamilton Health Sciences Health Professional Investigator Operating Grant**

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

**Additional Details**

**HRS Deadline:** N/A  
**Sponsor Deadline:** October 31, 2018

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**Hamilton Health Sciences Early Career Awards**

The Hamilton Health Sciences Research Early Career Awards are research personnel stipends awarded annually. These Early Career Awards are to be used to help the applicant pursue research in their specialty area through either purchasing a portion of time for the applicant’s salary OR a portion of time for salaries of research personnel who are supervised by the applicant.

**Funding Details:** Funding will be allocated to support up to eight awards each year. The value of each award will be up to $50,000 annually. Benefits are not included. The duration of the award will be up to three years.

**Additional Details**

**Internal HRS Deadline:** N/A  
**Sponsor Deadline:** November 15, 2018

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**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. **Additional Details**

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. **Additional Details**

**Funding Details:**

- **Canadian Traditional Scholar Awards** - up to $12,500 for one semester, September 2019 or January 2020
- **Canadian Visiting Research Chairs** – up to $25,000 for one semester, September 2019, or January 2020

**Internal HRS Deadline:** November 1, 2018  
**Sponsor Deadline:** November 15, 2018
Ontario Institute for Cancer Research: Health Services Research

In collaboration with Cancer Care Ontario, the Ontario Institute for Cancer Research (OICR) is excited to announce a new funding opportunity to support health services research projects that will provide the knowledge needed to optimize the delivery of cancer services today and to ensure appropriate dissemination of health service innovations and well-evaluated technologies.

**Funding Details:** Up to $150,000 per year for a maximum of two years.

**Additional Details**
- **Registration Deadline:** August 17, 2018 by 5PM EDT
- **LOI Deadline:** September 14, 2018 (LOI Stage may not be required)
- **Internal HRS Deadline:** November 2, 2018
- **Sponsor Deadline:** November 16, 2018

Government of Canada IDEaS: Innovation for Defence Excellence and Security

The IDEaS Program supports the establishment of new Innovation Networks and, where appropriate, existing networks, to stimulate collaboration and the free flow of ideas critical to innovation. Academics, industry and other partners are encouraged to come together to form collaborative Innovation Networks. Areas for support of advanced research and development (R&D) will vary over time depending on Canada’s current and future defence and security Innovation Challenges.

Recognizing that successful sustainable research networks take time to build, the first Calls for Proposals will support the creation of smaller networks, or Micro-nets, that perform research on one or more aspects of an Innovation Challenge. It is envisioned that future Calls for Proposals would encourage the coalescence of successful Micro-nets (and where appropriate other networks/participants) to form larger sustainable national Innovation Networks dedicated to further research on a particular Innovation Challenge.

**Funding Details:** The total budget for this call is $9,000,000. Each Micro-net can request up to $1,500,000 over three years. Co-funding is not mandatory, however participants from for-profit organizations will be required to contribute up to 50% of their costs.

**Additional Details**
- **LOI Deadline:** August 31, 2018 12PM EDT
- **Internal HRS Deadline:** November 16, 2018
- **Sponsor Deadline:** November 30, 2018 12PM EST

Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 13

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

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

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

**Additional Details**
- **Internal HRS Deadline:** August 7, 2018
- **Draft EOI due to Ontario Genomics:** August 20, 2018
- **Face-to-face pitch to Ontario Genomics’ review Panel:** September 17-19, 2018
- **Final EOI due to Ontario Genomics:** October 16, 2018
- **Pitch to Genome Canada:** November 5-16, 2018
- **Draft Supplementary Proposal due to Ontario Genomics:** December 3, 2018
- **Sponsor Deadline:** January 14, 2019

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

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

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

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

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

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

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

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

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

**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.
Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 4 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:**
- **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

Lung cancer is the leading cause of cancer-related deaths in the United States, and claims more lives each year than all other major cancers combined. This year, more than 221,200 U.S. men and women will be diagnosed with lung cancer, and over 158,040 will die from the disease. Lung cancers are generally diagnosed at an advanced, incurable stage because patients often lack signs and symptoms in the early stages of the disease.

**Funding Details:**
- **Career Development Award** - Maximum funding of $250,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years

**Additional Details**

**LOI Deadline:** September 6, 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 CDMRP Pharmacotherapies for Alcohol and Substance Abuse (PASA) Consortium Funding Opportunities for Fiscal Year 2018

The goal of the PASA Consortium is to fund study applications for developing new medications that can be brought to therapeutic use to improve treatment outcomes for alcohol and substance use disorders (ASUD), especially as related to post-traumatic stress disorder (PTSD) and traumatic brain injury (TBI). The two upcoming Research Funding Opportunities are focused on:

1. **Request for Application (RFA) #3a:** Small-cost and short-duration planning grants awarded to investigators concerning a specific compound or combination of compounds.
2. **Request for Application (RFA) #3b:** Full study implementation awards for either:
   a. Conduct of proof-of-principle basic research to determine which compounds are most appropriate for human research trials; or
   b. Conduct of human proof-of-concept trials with promising compounds. The human trials must be ready-to-implement as defined in the RFA.

**Funding Details:**
• RFA #3a Planning Grants – Maximum total costs of $30,000 for a maximum performance of 6 months.
• RFA#3b Full Study Implementation Awards
  o Basic Research – Maximum total costs of $275,000 for 12 months.
  o Phase 1 Trials – Maximum total costs of $700,000 for 18-24 months.
  o Phase 2 Trials – Maximum total costs of $3,000,000 for 28-32 months.

Additional Details

Deadlines for the RFA 3a: Planning Grant ONLY
Internal HRS Deadline: August 8, 2018
Sponsor Deadline: August 22, 2018

Deadlines for the RFA 3b: Full Study Implementation Grant ONLY
LOI Deadline: August 22, 2018
Internal HRS Deadline: September 5, 2018
Sponsor Deadline: September 19, 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 Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2018

Several risk factors for the development of PD that are of particular interest to the military community have been identified in peer-reviewed studies. The most significant risk factors include: exposure to agriculture-type chemicals (including pesticides, insecticides, and solvents); traumatic injury to the head; depression; prolonged physiologic or mental stress; repeated or prolonged disruption of sleep architecture; and repeated or prolonged disruption of autonomic nervous function. These may immediately impact both physical and cognitive performance as well as predispose susceptible Warfighters to the development of neurodegenerative conditions such as PD. The PRP challenges the scientific community to develop the most impactful research that will advance the understanding of the disease, with the ultimate goal of ending PD.

Funding Details:
• Early Investigator Research Award – Maximum funding of $340,000 for total costs (includes direct and indirect costs) Maximum period of performance is 2 years.

• Investigator-Initiated Research Award:
  o Individual PIs - Maximum funding of $1.5 million (M) for total costs (includes direct and indirect costs) Maximum period of performance is 3 years.
  o Partnering PI Option - Maximum funding of $2M for total costs (includes direct and indirect costs) Maximum period of performance is 3 years.

Additional Details
LOI Deadline: September 17, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 19, 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

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**Department of Defense Epilepsy Research Program (ERP) Funding Opportunities for Fiscal Year 2018**

The ERP was initiated in 2015 to develop an understanding of the magnitude of post-traumatic epilepsy (PTE) within the military and to expand research into the basic mechanisms by which traumatic brain injury (TBI) produces epilepsy.

**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.

[Additional Details](#)

**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

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

The Department of Defense has released 4 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:

- **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

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**Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2018**

Many factors related to weaponry, personal protection, and trauma care during Operations Enduring Freedom and Iraqi Freedom resulted in greater survival of those sustaining increasingly severe combat injuries, particularly injuries to the face and the extremities. The intent of the RTR program is to advance the field of VCA to make the procedure possible for a broader population of patients, and to restore our wounded warriors to duty or to meaningful lives. The RTR program was initiated in 2012 to fund innovative projects in an array of topic areas within the field of VCA. Beneficiaries of the techniques and technologies developed with this funding include injured Service Members, Veterans, their caregivers, and family members, as well as civilians who have suffered catastrophic tissue loss.

**Funding Details:**

- **Concept Award** – Maximum funding of $200,000 for total costs. Maximum period of performance is 18 months.
- **Investigator-Initiated Research Award:**
  - Individual PIs – Maximum funding of $1 million (M) for total costs. Maximum period of performance is 3 years.
  - Multiple PIs - Maximum funding of $1.5M for total costs. Maximum period of performance is 3 years.
- **Qualitative Research Award:**
  - Individual PIs – Maximum funding of $1M for total costs. Maximum period of performance is 3 years
  - Partnering PI Option - Maximum funding of $1.5M for total costs. Maximum period of performance is 3 years.

**Additional Details**

**LOI Deadline:** October 3, 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 prosthetic 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.
**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:** 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 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. Their Vision is to make a significant impact on GWI and improve the health and lives of affected Veterans and their families.

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

**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 Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018**

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

**Funding Details:**
- **Breakthrough Award Levels 1 and 2 II:**
  - **Funding Level 1** – Maximum funding of $375,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - **Funding Level 1 with Partnering PI Option** – Maximum funding of $600,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
Funding Level 2 – Maximum funding of $750,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.

Funding Level 2 with Partnering PI Option - Maximum funding of $1 million (M) for direct costs (plus indirect costs). The maximum period of performance is 3 years.

LOI Deadline: November 1, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 8, 2018
Sponsor Deadline: November 15, 2018

Funding Details:
- Breakthrough Award Levels 3 and 4 II –
  - Funding Level 3 – Maximum funding of $2.5M in direct costs (plus indirect costs) The maximum period of performance is 4 years.
  - Funding Level 3 with Partnering PI Option – Maximum funding of $4M for direct costs (plus indirect costs) The maximum period of performance is 4 years.
  - Funding Level 4 and Funding Level 4 with Partnering PI Option - Maximum funding of $10M for direct costs (plus indirect costs) The maximum period of performance is 4 years.

LOI Deadline: September 14, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 26, 2018
Sponsor Deadline: December 10, 2018

Department of Defense Vision Research Program (VRP) Funding Opportunities for Fiscal Year 2018

The goal of this program is to foster innovative, military relevant research in the following areas: 1) mitigation and treatment of traumatic injuries, war related injuries and diseases to the ocular structure and visual system; 2) mitigation and treatment of visual dysfunction associated with traumatic brain injury (TBI); 3) ocular and visual systems diagnostic capabilities and assessment strategies; 4) protection and prevention strategies; 5) vision rehabilitation strategies and quality of life measures; 6) epidemiological studies of military eye trauma and TBI related vision dysfunction; 7) vision restoration; 8) vision care education, training and simulation; and 9) warfighter vision readiness and enhancement. This program was established by Congress in fiscal year 2009 (FY09) to support military relevant peer reviewed vision research.

Funding Details:
- Focused Translational Team Science Award (FTTSA) - Maximum funding of $5.0M for direct costs (plus indirect costs) Maximum period of performance is 4 years.
- Investigator Initiated Research Award (IIRA) - Maximum funding of $500K for direct costs (plus indirect costs) Maximum period of performance is 3 years.

Additional Details
LOI Deadline: September 4, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 220, 2018
Sponsor Deadline: December 4, 2018

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**
Research Office for Administration, Development and Support (ROADS)
Funding Opportunities Bulletin

August 3, 2018

- **Genome Canada: Genomic Applications Partnership Program (GAPP), Rounds 13 and 14** – Notify ROADs of Intent to Apply as soon as possible; Round 13, Draft Expression of Interest due to Ontario Genomics August 20, 2018; Round 14, Draft Expression of Interest due to Ontario Genomics November 19, 2018

- **Social Sciences and Humanities Research Council (SSHRC): Aid to Scholarly Journals** – Notify ROADs of Intent to Apply as soon as possible, SSHRC Application deadline September 10, 2018

- **Social Sciences and Humanities Research Council (SSHRC): Special Call: Indigenous Research Capacity and Reconciliation – Connection Grants** – Webinars August 9, 2018

- **Social Sciences and Humanities Research Council (SSHRC): Insight Grants** – Notify ROADs of Intent to Apply by August 20, 2018; ROADs Information Session September 7, 2018; SSHRC Application deadline October 15, 2018

- **Weston Brain Institute: Biomarkers Against Neurodegenerative Diseases (BAND) 3** – Conference Call August 20, 2018; Letter of Intent deadline September 10, 2018

- **Weston Brain Institute: Webinars** August 21, September 14, 2018

- **Government of Canada, Innovation, Science and Economic Development Canada, Canada Research Coordinating Committee: Consultation** – Email deadline August 27, 2018

- **Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants** – Notify ROADs of Intent to Apply by August 30, 2018; SSHRC Application deadline November 15, 2018

- **Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants COLLABORATIVE HOUSING RESEARCH NETWORK INITIATIVE** – Notify ROADs of Intent to Apply by August 30, 2018; SSHRC Application deadline November 15, 2018

- **The Kidney Foundation of Canada: Grants** – Registration deadline September 1, 2018; Application deadline October 1, 2018

- **Department of Defense, Congressionally Directed Medical Research Programs: FY 18 Vision Research Program (VRP): Grants** – Pre-application deadline September 4, 2018

Please contact Susan Gordon, Research Information Specialist, at gordosc@mcmaster.ca or extension 23138 if you would like to subscribe/unsubscribe to the Funding Opportunities Bulletin mailing list or if you would like assistance searching for funding opportunities. Recent issues of the Bulletin may also be found on our website at http://roads.mcmaster.ca/bulletin.

**Join Community of Science (COS) Pivot:** an up-to-date database of funding opportunities from around the world, create your Pivot account at https://pivot.cos.com/session/login. 
**Use Pivot to find a McMaster expert:** http://pivot.cos.com/profiles/main. 
**Use Pivot to find an international expert:** http://pivot.cos.com/profiles/advanced_search.
• The Michael J. Fox Foundation: Grants – Webinar September 6, 2018; Pre-proposal deadline September 26, 2018

• Heart & Stroke Foundation of Canada and the Heart and Stroke Foundation, Ontario: Personnel Award Programs – Application deadline September 7, 2018

• International Development Research Centre and the UK Department of Health and Social Care: Innovative Veterinary Solutions for Antimicrobial Resistance (InnoVet-AMR) in food-producing animals: Livestock and aquaculture – Application deadline September 12, 2018

• Emissions Reduction Alberta: Biotechnology, Electricity and Sustainable Transportation (BEST) Challenge – Expression of Interest deadline September 13, 2018

• Simons Foundation Autism Research Initiative (SFARI): Winter 2019 Pilot Award – Application deadline September 14, 2018

• Sony: 2018 Sony Research Award Program – Application deadline September 15, 2018

• Grand Challenges Canada: Stars in Sexual and Reproductive Health and Rights (Round 10) – Registration deadline September 20, 2018; Application and video deadline September 25, 2018

• Genome Canada seeks input on new strategic plan – Survey deadline October 1, 2018

• BrightFocus Foundation: Standard Grants – Application deadlines October 2, November 9, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Gulf War Illness Research Program (GWIRP): New Investigator Award - Pre-application deadline October 18, 2018; Application deadline November 8, 2018

• Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Initial draft due to ROADS August 24, 2018; Final Draft due to ROADS September 10, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP): Grant – Pre-application deadline August 28, 2018
• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP) – LOI deadlines August 29, November 14, 2018

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

• Heart & Stroke Foundation: Grants-in-Aid Award Programs – Application deadlines August 30, 2018

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

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

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

• The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program – Application deadline August 31, 2018

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

• Department of Defense (DoD) Congressionally Directed Medical Research Programs: FY18 FY 18 Kidney Cancer Research Program (KCRP) – Grants; LOI deadline September 5, 2018

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

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

• Crohn’s and Colitis Foundation – Application deadline September 7, 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 Breast Cancer Research Program (BCRP): Grants – LOI deadline September 14, November 1, 2018

• Tinker Foundation Inc.: Institutional Grants – LOI opening deadline July 9, 2018; Application deadline September 15, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Parkinson’s Research Program – LOI deadline September 17, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Epilepsy Research Program (ERP) – Grants – LOI deadlines September 20, 2018
• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Alzheimer’s Research Program (PRARP) – LOI deadlines September 20, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants – Pre-application deadline September 20, 2018

• Mitacs: Globalink Research Award (GRA) – Application deadline September 30, 2018

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

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program (RTRP) – Pre-application deadline October 3, 2018

• National Geographic Society: Grants – Application deadline October 3, 2018

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

• MEOPAR AND Oceans Network Canada (ONC): Call for Proposals – Application deadline October 29, 2018

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

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


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

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

• Institute for Catastrophic Loss Reduction (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
Genome Canada: Genomic Applications Partnership Program (GAPP), Rounds 13 and 14

The objectives of the *GAPP* are to:

1) accelerate the application of Canadian genomics-derived solutions from academia to real-world opportunities and challenges defined by industry, not-for-profit, and public sector *Receivers*;
2) channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;
3) enhance the value of Canadian genomics technologies by de-risking and incentivizing follow-on investment from industry and other partners;
4) foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology Receivers.

Eligible *Receivers* include:

- companies (private / public, Canadian / foreign-owned);
- industry consortia;
- government departments and agencies (federal, provincial and municipal);
- healthcare organizations;
- not-for-profit organizations.

To be eligible for GAPP funding, projects must:

a) develop and apply a genomics-derived or genomics-enabling tool, product or process to an opportunity, or challenge clearly defined by the Receiver(s);

b) focus on late stage research and development that will position the innovation for near-term implementation/commercialization;

c) be co-led by an academic and a Receiver organization in partnership with active and necessary roles;

d) demonstrate the potential to generate significant social and/or economic benefits for Canada.


Small or start-up companies may be considered as per the following guidelines, review [https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf](https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf).

Small-scale proof-of-concept/validation/pilot projects through to large-scale projects will be accepted. Projects should not be in the discovery phase.

Value:
The total project size is $300,000 to $6 million.

Co-funding:
. 1/3 investment from Genome Canada;
. 1/3 provided by the Receptor partner (cash and/or in-kind); and
. 1/3 of other co-funding (non-Genome Canada).

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years. Shorter or longer terms will be considered only if a strong rationale is provided.

Application process:
There is a three-stage, gated application process for this program: 1) Expression of Interest (EOI); 2) EOI / Project Pitch (invited); 3) Supplementary Proposal (invited).

More specifically:
. register your intent to apply to Ontario Genomics and obtain your Draft Expression of Interest (EOI) form;
. complete a Draft EOI and submit it to Ontario Genomics;
. if invited, present a face-to-face business pitch to Ontario Genomics; GAAP Review Panel;
. develop the final EOI through active collaboration with Ontario Genomics;
. if invited, develop a supplementary proposal and submit it to Ontario Genomics before submission to Genome Canada.

Deadlines:
Notify ROADS and Ontario Genomics, as soon as possible, your intent to apply to either the Round 13 or Round 14 competition.

Round 13
Submit your Draft EOI to ROADS for review by August 6, 2018.
The Ontario Genomics Draft EOI deadline is August 20, 2018.

Round 14
Submit your Draft EOI to ROADS for review by November 5, 2018.
The Ontario Genomics Draft EOI deadline is November 19, 2018.

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

Social Sciences and Humanities Research Council (SSHRC): Aid to Scholarly Journals

The objective of the Aid to Scholarly Journals is to:

1) increase dissemination, discoverability, and readership of original research results in the social sciences and humanities through Canadian scholarly journals;

2) leverage significant federal investments in digital scholarly publishing infrastructure;

3) assist journals as they seek to take advantage of developments in digital technologies and innovative practices; and
4) encourage the transition to open access models of publishing.


Multidisciplinary journals that publish articles outside of SSHRC’s mandate are eligible to apply, provided the mandate and publications fall primarily within SSHRC’s mandate. If a multidisciplinary journal has been deemed eligible and is successful in this competition, the level of funding awarded will be adjusted to reflect the percentage of its articles devoted to social sciences and humanities content.

**Journals and Articles**

To be eligible for support, a journal must:

- offer either immediate open access upon publication, or delayed open access with a 12-month maximum embargo period;
- submit each article to be published to a rigorous, independent, peer review process;
- have been founded at least two years prior to the application deadline and have published, within that timeframe, a minimum of two issues per year each having at least three peer-reviewed articles, or for electronic journals not publishing in issue format, at least six peer-reviewed articles per year over the two-year timeframe;
- publish primarily in English and/or French; and
- meet at least one of the two following criteria: 1) a minimum of one third of the core editorial board is affiliated with an eligible Canadian postsecondary institution, and/or 2) the journal title is owned by a Canadian not-for-profit organization.


**Value:**

maximum $30,000 per year over 3 years

In addition, as part of the total grant value, the applicant may request up to $5,000 per annum to contribute to the costs related to the development and implementation of innovative practices (e.g., developing a social media strategy aimed at increasing the dissemination and impact of the journal’s articles and/or content; extensive hyperlinking within the text; developing innovative layouts and structures for articles; producing high-quality graphics, videos and podcasts; offering interactivity for after-publication discussions).

**Supplementary Funding**

Journals hosted on a Canadian not-for-profit digital content and distribution platform (see **Definitions**) can request, on top of their $30,000 base grant, supplementary funding valued at up to $5,000 per year.

**Application process:**

Notify ROADS your intent to apply **as soon as possible**.

The initial draft of the application is due to ROADS by **August 20, 2018**.

The final draft and a completed and signed Application Approval Form are due to ROADS by **September 4, 2018**.
The SSHRC application deadline is **September 10, 2018**.

**ROADS contact:**  
Christina Pellegrini, Senior Advisor, at [pellegrc@mcmaster.ca](mailto:pellegrc@mcmaster.ca) or extension 27207

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

The objective of the **Indigenous Research Capacity and Reconciliation—Connection Grant** is to 1) support interdisciplinary events and outreach activities, and 2) provide opportunities to engage and exchange knowledge on successful ways of conducting Indigenous research (i.e., the research is transformative and contributes to reconciliation including holistic, interdisciplinary, and distinctions-based approaches).


SSHRC will be holding a series of webinars on the Special Call for applicants and research administrators.

The webinars will be held via Adobe Connect at the following times:

**(in English) - **August 9, 2018** from 11:00–1:00 ET**  
Adobe Connect Link: [https://sshrc-crsh.adobeconnect.com/rs71s8px79t/](https://sshrc-crsh.adobeconnect.com/rs71s8px79t/)

**(in French) – **August 9, 2018** from 2:00-4:00 ET**  
Adobe Connect Link: [https://sshrc-crsh.adobeconnect.com/r8y8mk407x72/](https://sshrc-crsh.adobeconnect.com/r8y8mk407x72/)

Advance registration is not required. A question and answer period will follow the presentation. With Adobe Connect, questions must be submitted in writing.

To join via Adobe Connect:
- Click on the Adobe Connect webinar link on the date and time specified.
- Enter your name and press “Enter Room”.
- Adjust the volume on your computer.

First time attending an Adobe Connect meeting?

- [Test your connection](https://sshrc-crsh.adobeconnect.com/rs71s8px79t/)
- [Get a quick overview](https://sshrc-crsh.adobeconnect.com/r8y8mk407x72/)

**ROADS contact:**  
Christina Pellegrini, Senior Advisor, at [pellegrc@mcmaster.ca](mailto:pellegrc@mcmaster.ca) or extension 27207
Social Sciences and Humanities Research Council (SSHRC): Insight Grants

The objective of the **Insight Grant** is to provide support for long-term research initiatives central to advancing knowledge. The grant enables scholars, both emerging and established in the social sciences and humanities, to address complex issues pertaining to individuals and societies, and to further our collective understanding.

Research initiatives may be undertaken by an individual researcher, or a team of researchers working in collaboration.


**ROADS Information Session**
**September 7, 2018,** 1:00-2:30pm, MDCL room 3022

ROADS is hosting an information session featuring Insight Grant Selection Committee Members:

- Dr. Daniel Machiela, Department of Religious Studies;
- Dr. Tristan Carter, Department of Anthropology

Christina Pellegrini, ROADS Senior Advisor, Development, will provide an overview of recent changes to the program and the application process at McMaster.

Register through Eventbrite at [https://www.eventbrite.com/e/roads-sshrc-insight-grants-information-session-tickets-48709369034](https://www.eventbrite.com/e/roads-sshrc-insight-grants-information-session-tickets-48709369034)

**Value:**
Applicants may choose one of two streams when applying for an Insight Grant, depending on the amount of funding required.

**Stream A:**
$7,000 - $100,000 over 2-5 years
A minimum request of $7,000 is required in at least one year.

**Stream B:**
$101,000 - $400,000 over 2-5 years
A minimum request of $7,000 is required in at least one year. A maximum of $100,000 is available in a single year.

**Application process:**
Notify ROADS of intent to apply by **August 20, 2018.**

The initial draft of the application is due to ROADS by **September 18, 2018.** The final draft and signed application approval form are due to ROADS by **October 9, 2018.**

The SSHRC application deadline is **October 15, 2018.**

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Weston Brain Institute: Biomarkers Against Neurodegenerative Diseases (BAND) 3

The objective of the BAND is to stimulate analyses across Alzheimer’s disease (AD), Parkinson’s disease (PD), and other neurodegenerative diseases to 1) increase understanding of pathogenesis similarities and differences, 2) analyze across existing data, 3) support projects that aim to develop and/or advance:

- innovative data models,
- biomarker discovery,
- assay standardization,
- genetic profiling,
- harmonize existing data set phenotypes,
- analyze cross-disease or longitudinal analyses of existing data,
- inclusion of other neurodegenerative diseases related to PD and AD, or imaging development.

http://westonbraininstitute.ca/band3/

Conference Call
The Weston Brain Institute and partners will hold a 45-minute Conference Call on August 20, 2018, at 12:00 noon to clarify and explain the goals of this funding initiative, and answer applicant questions. To receive call-in details, RSVP to conferencecalls@michaeljfox.org.

Value:
maximum $150,000 in total costs, inclusive of both direct and indirect costs, up to 2 years. Indirect costs may not exceed 10% of direct costs.

Application process:
The Weston Brain Institute letter of intent deadline is September 10, 2018.

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

Weston Brain Institute: Webinars

The Weston Brain Institute will host two webinars:

Quantum and Watson for Drug Discovery – presented by IBM
August 21, 2018; 11:00am – 1:00pm EDT
Register at: https://register.gotowebinar.com/register/130988510771388929

Collaborating with the Centre for Drug Research and Development (CDRD) on the preclinical development of novel therapeutics in neuroscience
September 14, 2018; 3:00 - 4:00pm EDT
Register at: https://register.gotowebinar.com/register/338747830024416002

http://westonbraininstitute.ca/webinars-2018/
Government of Canada, Innovation, Science and Economic Development Canada, Canada Research Coordinating Committee (CRCC): Consultation

The CRCC was created to improve the coordination efforts of Canada's granting agencies—the Social Sciences and Humanities Research Council of Canada, the Natural Sciences and Engineering Research Council of Canada, the Canadian Institutes of Health Research, as well as the Canada Foundation for Innovation.

The CRCC is launching a national Consultation to reinvigorate Canada’s support for science, and to position Canada as a global leader in research excellence.

The consultation will focus on three priorities:

1) creating a new tri-agency fund to support international, interdisciplinary, fast-breaking and high-risk research that generates new knowledge;
2) strengthening equity, diversity and inclusion in research; and
3) support for early career researchers.

Stakeholders are invited to provide feedback on a draft funding model, that the CRCC has developed, to ensure maximum positive impact on academic research in Canada.

Visit the online consultation portal: http://www.sshrc-crsh.gc.ca/CRCC.

Value:
Budget 2018 proposed to invest more than $1.7 billion over 5 years to support researchers through Canada’s granting agencies and research institutes. This includes $275 million over 5 years to support the new Tri-Agency Research Fund.

Consultation will be held in communities across Canada. Input from this process will inform the development of a call for proposals this Fall for the Tri-Agency Research Fund.

Process:
Email: consultation.CRCC-CCRC@sshrc-crsh.gc.ca
The online consultation is open to all Canadians until August 27, 2018.

Contacts:
Media Relations
Canada Research Coordinating Committee
613-992-4283
Alastair.Mullin@sshrc-crsh.gc.ca

Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants

The objective of the Partnership Development Grant is to provide support to new or existing formal partnerships to:
1) develop research and/or related activities, knowledge mobilization and the meaningful involvement of students and emerging scholars, in the social sciences and humanities, by fostering new partnerships with existing and/or potential partners; or

2) design and test new partnership approaches for research and/or related activities that may result in best practices or models, that either can be adapted by others, or have the potential to be scaled up to a regional, national or international level.

Partnerships may be between academic institutions, or between one or more academic institutions and one or more non-academic partner organizations. 

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

**Value:**
$75,000 to $200,000 over 1 - 3 years

**Application process:**
Notify ROADS of intent to apply by **August 30, 2018.**

The initial draft of the application is due to ROADS by **October 16, 2018.** The final draft and signed application approval form are due to ROADS by **November 8, 2018.**

The SSHRC application deadline is **November 15, 2018.**

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

**Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants COLLABORATIVE HOUSING RESEARCH NETWORK INITIATIVE**


**SSHRC and Canada Mortgage and Housing Corporation (CMHC) Joint Initiative**

A new SSHRC/CMHC joint initiative is now available for **Partnership Development Grant** applicants.

SSHRC and CMHC are partnering to fund research related to housing in order to help set the stage for the creation of a **Collaborative Housing Research Network.** Research projects undertaken by teams composed of academics, as well as non-academics, will focus on 5 priority areas that were determined by CMHC:

1. Housing for those in greatest need;
The first stage of this two-stage competition will be through the Partnership Development Grants competition. Successful applicants will be invited to submit a proposal at the second stage.

**Value:**
$80,000 for 1 year

**Application process:**
Notify ROADS of intent to apply by **August 30, 2018**.

The initial draft of the application is due to ROADS by **October 16, 2018**. The final draft and signed application approval form are due to ROADS by **November 8, 2018**.

The SSHRC application deadline is **November 15, 2018**.

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

### The Kidney Foundation of Canada: Grants

The Kidney Foundation of Canada has recently announced the following funding opportunities:

1) **Biomedical Research Grants**, the objective: to provide financial support to medical researchers to assist in defraying the operating costs of research, which may include the purchase of materials, supplies, and equipment, and the payment of laboratory assistants. 
   [https://www.kidney.ca/funding-opportunities](https://www.kidney.ca/funding-opportunities)

   **Value:** maximum $50,000 per year for 1, 2 or 3 years

   **Application process:** The Kidney Foundation of Canada registration deadline is **September 1, 2018**. The application deadline is **October 1, 2018**.

2) **Special Research Project Grant: Predictive Biomarkers**, the objective: to support a special project to identify biomarkers predictive for the progression of kidney disease in an ethnically diverse population in Ontario. 
   review **3.1 Description** at [https://www.kidney.ca/funding/biomedical#SpecialResProj](https://www.kidney.ca/funding/biomedical#SpecialResProj)
   [https://www.kidney.ca/funding-opportunities](https://www.kidney.ca/funding-opportunities)

   **Value:** $450,000 over 4 years, with a maximum of $112,500 per year

   **Application process:** The Kidney Foundation of Canada registration deadline is **September 1, 2018**. The application deadline is **October 1, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at **viscarvl@mcmaster.ca** or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY 18 Vision Research Program (VRP): Grants

The DoD VRP has recently announced the following funding opportunities:

1) **Focused Translational Team Science Award (FTTSA)**, the objective: a) to support a highly collaborative and translational team initiative that will fundamentally advance the understanding and treatment of eye injury and/or visual dysfunction, that result from a military-relevant traumatic event (e.g., blast, blunt, thermal, chemical, biological, directed energy weapons such as laser, microwaves and particle beams, ionizing radiation), and 2) to identify what should and can be achieved in 10 to 15 years. review *Distinct Research Projects*, pages 4-5, at http://cdmrp.army.mil/funding/pa/FY18-VRP-FTTSA.pdf

**Value**: maximum $5 million over a maximum 4 years

**Application process**: The DoD pre-application deadline is **September 4, 2018**.

2) **Investigator Initiated Research Award (IIRA)**, the objective: to support studies that will yield highly impactful discoveries, or major advancements in the research and/or patient care of eye injury and/or visual dysfunction, as related to military-relevant trauma.

Research projects may focus on any phase of research (e.g., basic, translational, applied, clinical, observational), excluding clinical trials. The research idea or solution should be innovative, novel, or a significant advancement over existing ideas or solutions.

The application must describe how the project’s potential immediate and long-range outcome(s)/product(s) will advance the understanding, prevention, diagnosis, mitigation, and/or treatment of eye injury or visual dysfunction associated with the trauma.


**Value**: maximum $500,000 over a maximum 3 years

**Application process**: The DoD pre-application deadline is **September 4, 2018**.

announcement site: [http://cdmrp.army.mil/funding/vrp](http://cdmrp.army.mil/funding/vrp)

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

The Michael J. Fox Foundation (MJFF): Grants

The Michael J. Fox Foundation has recently announced the following funding opportunities:

**Core Funding Programs**

1) **Target Advancement**, the objective: to support research characterizing promising, novel Parkinson’s Disease (PD)-relevant targets, or continuing target biology work on established PD targets. Preferred targets for this program already demonstrate links to PD in human patient populations. The award is well-suited to projects
in which hypothetical or experimental rationale for a target is compelling, but limited, and study results can make the case for continuing (or discontinuing) a line of research.

**Funding Opportunities Informational Webinar**  **September 6, 2018, 12:00-1:00pm ET**


**Value:** maximum $150,000 over 12-18 months  
**Application process:** The MJFF pre-proposal deadline is **September 26, 2018.**

2) **Therapeutic Development / the Therapeutic Pipeline Program**, the objective: to support prospective studies or retrospective studies utilizing existing data in human biofluids.

The **Therapeutic Pipeline Program** advances PD therapeutic development along the pre-clinical and clinical path (both drug and non-pharmacological therapeutics including gene therapy, biological, surgical and non-invasive approaches). The Program is open to industry and academic investigators proposing novel approaches, or repositioning approved or clinically safe therapies from non-PD indications.

All proposals must have a well-defined plan for moving toward clinical utility for patients.

**Funding Opportunities Informational Webinar**  **September 6, 2018, 12:00-1:00pm ET**


**Value:** **Pre-clinical,** $100,000 - $500,000 over 1-2 years; **Clinical,** $1-2 million over 2-3 years  
**Application process:** The MJFF pre-proposal deadline is **September 26, 2018.**

3) **Outcome Measures**, the objective: 1) to support research that will develop or optimize biomarker tools (imaging, non-invasive or biochemical biomarkers) and clinical outcome measures to assist in diagnosis and therapeutic development, and 2) to inform clinical trial design, execution and interpretation of results.

Funding will be directed to projects that will improve the precision of measuring PD in humans. This could include enriching subject populations in clinical trials, developing markers of target engagement, or discovery or validation of objective outcomes that track disease progression.

**Funding Opportunities Informational Webinar**  **September 6, 2018, 12:00-1:00pm ET**

[https://www.michaeljfox.org/research/grant-detail.php?id=29](https://www.michaeljfox.org/research/grant-detail.php?id=29)

**Value:** maximum $750,000 over 1-3 years  
**Application process:** The MJFF pre-proposal deadline is **September 26, 2018.**
**Open Targeted Opportunity**

4) **Using Epidemiological Datasets to Identify Risk and Protective Factors for Parkinson's Disease**, the objective: to support studies using large, existing epidemiological datasets to identify factors that decrease the risk of PD.

The purpose of this program is to identify factors such as lifestyle behaviors (e.g., diet and exercise), or use of pharmacological or other medical interventions that decrease the risk of PD, and could be used to develop prevention and/or treatment approaches.

The MJFF is especially interested in funding projects that utilize large longitudinal datasets, and will prioritize collaborative efforts that bring together teams of investigators with access to multiple diverse datasets.

**Funding Opportunities Informational Webinar**  **September 6, 2018**, 12:00-1:00pm ET  

**Value**: maximum $500,000 over 1-2 years  
**Application process**: The MJFF pre-proposal deadline is **September 26, 2018**.

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

**Heart & Stroke Foundation of Canada and the Heart and Stroke Foundation, Ontario: Personnel Award Programs**

The Heart & Stroke Foundation of Canada and the Heart and Stroke Foundation, Ontario, has recently announced the following funding opportunities under the title, **Personnel Award Programs**:

1) **2019/2020 National New Investigator Award**, the objective: to provide salary support to individuals who have clearly demonstrated excellence during their doctoral and post-doctoral training in cardiovascular or cerebrovascular research.

At the time of submission, no more than five years may have passed since the date of the first faculty appointment at the Assistant or Clinical Assistant Professor level.  

review the **four themes of health research** (as defined by CIHR), page 6, at [http://hsf.ca/research/sites/default/files/NNI%20ENG%20Guidelines%202019-20-Final.pdf](http://hsf.ca/research/sites/default/files/NNI%20ENG%20Guidelines%202019-20-Final.pdf)

Applicants are required to integrate sex and gender-based analysis in their research design. All applicants are strongly encouraged to complete CIHR’s Institute of Gender and Health training modules at [http://www.cihr-irsc.gc.ca/e/49347.html](http://www.cihr-irsc.gc.ca/e/49347.html).
announcement site:  http://hsf.ca/research/en/personnel-award-programs-1

**Value:** $65,000 per year for 4 years, plus addition funding through Special Awards; the *McDonald Scholarship* and the *Henry J.M. Barnett Scholarship*

- **McDonald Scholarship**: awarded to the highest rated National New Investigator, an additional research grant of $10,000 in the first year of the award

- **Henry J.M. Barnett Scholarship**: awarded to a highly rated National New Investigator working in stroke or a related field, an additional research grant of $10,000 in the first year of the award

**Application process:** The Heart & Stroke Foundation of Canada application deadline is **September 7, 2018**.

In addition to the Heart & Stroke National New Investigator award, the Heart & Stroke offices in Alberta and Ontario are offering the following provincial personnel awards. Applicants (if meeting the eligibility requirements) may apply for both a national and provincial Heart & Stroke award, however, if successful in both competitions, the applicant may only accept one Heart & Stroke award.

2) **2019/2020 Ontario Mid-Career Investigator Award**, the objective: a) to support highly qualified mid-career scientists, who at the time of submission are within 8 – 18 years of their first full-time academic appointment, and b) to protect professional time to build influential programs of cardiovascular/cerebrovascular disease research, with the goal of productively impacting the health of individuals and society. review **Summary, Key Criteria**, second page, at http://hsf.ca/research/sites/default/files/ON_MCI%20Guidelines%202019-20_Final.pdf

Applicants are required to integrate sex and gender-based analysis in their research design. All applicants are strongly encouraged to complete CIHR’s Institute of Gender and Health training modules at http://www.cihr-irsc.gc.ca/e/49347.html.

announcement site:  http://hsf.ca/research/en/personnel-award-programs-1

**Value:** stipend $80,000 per year for a maximum 4 years

**Application process:** The Heart and Stoke Foundation, Ontario, application deadline is **September 7, 2018**.

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

**International Development Research Centre (IDRC) and the UK Department of Health and Social Care: Innovative Veterinary Solutions for Antimicrobial Resistance (InnoVet-AMR) in food-producing animals: Livestock and aquaculture**

The InnoVET-AMR seeks proposals for research that will develop innovative veterinary solutions, focused on product development, to reduce the therapeutic (prevention and control) and non-therapeutic (growth promotion) use of antibiotics by farmers, while still protecting animal health and welfare.
The InnoVet-AMR initiative is divided into two themes focused on reducing the use of antibiotics in the livestock (poultry and swine) and aquaculture sectors, in low and middle-income countries (LMICs). Review LMICs at https://innovet-amr-ram.fluidreview.com/res/p/faq/

The research team must include at least one researcher from an institution based in a LMIC as principle investigator, or co-applicant.

Applications must describe how gender equity and environmental considerations will be integrated into the design and implementation of the proposed research. Proposals need to demonstrate how the project will involve women from all participating organizations in the research team, and throughout the research process.


Value:
Projects must be between $1 - 3 million each for a maximum 33 months. Projects should plan for 1.5 months start-up, 30 months to conduct research, and 1.5 months to close. Projects are expected to begin in either March or April of 2019.

Application process:
The IDRC application deadline is September 12, 2018.

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

Emissions Reduction Alberta (ERA): Biotechnology, Electricity and Sustainable Transportation (BEST) Challenge

The objective of the BEST Challenge is to support technologies that demonstrate the potential to reduce greenhouse gas emissions in Alberta, and secure the province’s success in a lower carbon economy.

Innovators with technology scale-up, demonstration, and first-of-kind implementation projects in the areas of biotechnology, electricity, or sustainable transportation are invited to apply to the BEST Challenge. Review Examples of Potential Projects at http://eralberta.ca/best-challenge/

Applicants are encouraged to collaborate with other organizations and engage with Alberta’s post-secondary and research institutions. Applications can be submitted from around the world, however, projects must be piloted, demonstrated, or implemented in Alberta.

Value:
maximum $10 million per project over 3 years
The ERA will only match contributions toward eligible expenses on a maximum one-to-one (1:1) basis.

The ERA will not match other government funds provided directly for the proposed project (provincial, federal, or international), or future revenue associated with the outcomes of the project such as offset credits, Canadian SR&ED credits, or sales revenue from the project’s end-products.
**Simons Foundation Autism Research Initiative (SFARI): Winter 2019 Pilot Award**

The objective of the *Pilot Award* is to provide early support for exploratory ideas, particularly those with novel hypotheses for autism.

Appropriate projects include those considered higher risk with less assurance of ultimate impact, but with the potential for transformative results. In particular, SFARI encourages applications that propose research to link genetic or other autism spectrum disorder (ASD) risk factors to molecular, cellular, circuit, or behavioral mechanisms of ASD.

Investigators new to the field of autism are encouraged to apply for these awards.

https://www.sfari.org/grant/pilot-awards-request-for-applications/?tab=ra

**Value:**
maximum $300,000 including 20% indirect costs over a maximum 2 years

**Application process:**
The SFARI application deadline is **September 14, 2018**.

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

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**Sony: 2018 Sony Research Award Program**

Sony has recently announced the following funding opportunities:

1) *Faculty Innovation Award*, the objective: to conduct cutting-edge research in Sony’s general areas of interest partnering with university faculty. The partnership will help cultivate advanced concepts and fertilize Sony’s own research and development.

Select most relevant *keywords* to your submission at https://www.sony.com/research-award-program#FacultyInnovationAward

**Value:** maximum $100,000

**Application process:** The Sony application deadline is **September 15, 2018**.

2) *Focused Research Award*, the objective: to conduct research in the areas of Sony’s immediate interest. review https://www.sony.com/research-award-program#FocusedResearchAward
Value: maximum $150,000
The grant may be renewed for subsequent years.

Application process: The Sony application deadline is September 15, 2018.

announcement site: https://www.sony.com/research-award-program#Overview

Contact:
McMaster Industry Liaison Office (MILO)

- Natural Sciences and Engineering: Ryan Vieira, vieirara@mcmaster.ca, (905) 525-9140 extension 22649
- Health Sciences: Bertha Monrose, monrose@mcmaster.ca, extension 22416
- Social Sciences, Humanities, Business: Suzanne Ferenczi, ferenczs@mcmaster.ca, extension 20299

Grand Challenges Canada: Stars in Sexual and Reproductive Health and Rights (Round 10)

The objective of this funding opportunity is to 1) support bold ideas for products, services, and implementation models that could transform how persistent challenges in sexual and reproductive health and rights are addressed in low- and middle-income countries, 2) use scientific/technical, social and business innovation to save and improve lives.

The bold ideas are expected to improve the provision and use of comprehensive, sexual and reproductive health services (e.g., contraception, comprehensive sexuality education, safe abortion (where legal), and hygiene management). Of particular interest to Grand Challenges Canada are innovations that improve the prevention of, and response to, sexual and gender-based violence and to child, early, and forced marriage in order that girls and women are empowered and have greater influence over their lives and futures.

It is mandatory for all applicants from Canada to have a collaborator based in an eligible country other than Canada. Existing and new collaborations are equally encouraged, particularly those that will bring additional components of Integrated Innovation to the project. review List of Countries Eligible to Apply, pages 13-14, at http://www.grandchallenges.ca/wp-content/uploads/2018/07/20180731-StarsR10-RFP-EN.pdf

By the end of the grant, innovators are expected to have demonstrated proof of concept of the idea, developed a plan for scale and sustainability, and attracted interest from key stakeholders and partners needed to proceed along a path to scale and sustainability. Successful innovators will be invited to apply for Transition to Scale funding.


Value:
Successful proposals will be awarded seed grants, up to $100,000 over 12 months, to develop and test the proposed innovation.

Grand Challenges Canada aims to award approximately 80 seed grants in this round.
Application process:
The Grand Challenges Canada registration deadline is **September 20, 2018**. The application and 2 minute video deadline is **September 25, 2018**.

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

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**Genome Canada seeks input on new strategic plan**

Genome Canada is developing a new strategic plan to 1) reaffirm their role in Canadian research and innovation, and 2) ensure they continue to effectively support genomics researchers and users of genomics in the years ahead.

Genome Canada is in the process of consulting a wide range of stakeholders, as part of a national consultation, that will inform the strategic plan.

Genome Canada invites you to complete a short survey to make your voice heard on the future of genomics in Canada.

To access the survey: [https://www.surveymonkey.com/r/gcplan](https://www.surveymonkey.com/r/gcplan).


The survey will remain open until **October 1, 2018**.

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**BrightFocus Foundation: Standard Grants**

The BrightFocus Foundation has recently announced the following funding opportunities:

1) *Alzheimer’s Disease Research (ADR) Standard Award*, the objective: to provide significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies.

   review the *Alzheimer’s Disease Research Program* at [https://www.brightfocus.org/research/alzheimers-disease-research-program](https://www.brightfocus.org/research/alzheimers-disease-research-program)

   [https://www.brightfocus.org/grants/types-grants](https://www.brightfocus.org/grants/types-grants)

   **Value:** maximum $300,000 over 3 years

   **Application process:** The BrightFocus Foundation application deadline is **October 2, 2018**.

2) *National Glaucoma Research (NGR) Standard Award*, the objective: to provide significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies.

   review the *National Glaucoma Research Program* at [https://www.brightfocus.org/research/national-glaucoma-research-program](https://www.brightfocus.org/research/national-glaucoma-research-program)
https://www.brightfocus.org/grants/types-grants

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

**Application process:** The BrightFocus Foundation application deadline is **November 9, 2018.**

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Gulf War Illness Research Program (GWIRP): New Investigator Award (NIA)**

The objective of the **GWIRP New Investigator Award** is to 1) support investigators new to the field of GWI research at different stages of career development, and 2) promote new ideas in GWI research and establish proof-of-principle for further development in future studies.

Basic through clinical research is allowed under this award mechanism. The types of studies that will be supported include those aimed at identification of objective measures (e.g., biomarkers) to distinguish healthy Veterans from those with GWI, studies to improve the understanding of the pathobiology underlying symptoms, and preclinical development of interventions for GWI.

In FY17, the GWIRP awarded infrastructure support for a GWI biorepository. The **Boston Biorepository, Recruitment, and Integrative Network (BBRAIN) for GWI** has now been established for the retention and distribution of biospecimens and/or data related to GWI research. Applicants are encouraged to contribute biospecimens and data to this repository network. The NIA offers a nested **Biorepository Contribution Option** with higher levels of funding for qualified applications.

**Value:** maximum $500,000 over 3 years

Application submissions to the NIA with the **Biorepository Contribution Option:** Applicants may include additional direct costs up to $16,000 associated with the contribution of samples and data to the BBRAIN. (maximum funding $516,000)

**Application process:**
The DoD pre-application deadline is **October 18, 2018.** The application deadline is **November 8, 2018.**

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership

The Research Office for Administration, Development & Support (ROADS) encourages you to consider joining NSERC Committees. Being a Committee Member is a valuable experience that demonstrates your involvement in the community and peer evaluation process, and highlights your expertise in your field.

NSERC invites the Canadian research community (i.e., universities, scientific societies, governments and companies) to submit the names of individuals for possible service on its program-related standing committees, and its various selection committees and panels.

Nominees should be individuals who:

- are known and respected for their capabilities;
- know and understand Canadian university-based research;
- display both breadth and depth of understanding and knowledge in their field and beyond;
- exercise good judgement; and
- are able to recognize value to Canada as a whole.

Nominations must be submitted on Form 250, Nomination of Members for NSERC Committees at http://www.nserc-crsng.gc.ca/_doc/NSERC-CRSNG/form250e.pdf.


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

Previously Announced:

Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants

Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. They provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors. In addressing an organization-specific need, challenge and/or opportunity, these partnerships let non-academic organizations and postsecondary researchers access each other’s unique knowledge, expertise and capabilities on topics of mutual interest. SSHRC welcomes applications involving Indigenous research, as well as those involving research-creation.
Value: between $7,000 - $25,000 for 1 year

Application Process: The initial draft of the application and letters of support are due to ROADS, by August 24, 2018. Please note, applications received after this date may not receive a full review. The final drafts, and a completed and signed Application Approval Form, are due to ROADS by September 10, 2018. ROADS will submit the application to SSHRC by 4:30 pm on September 17.

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 Peer Reviewed Cancer Research Program (PRCRP) – Grants

The DoD has recently announced the following PRCRP funding opportunities:

1) *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.

   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.

2) *Horizon Award*, the objective: to support high innovative, high-impact cancer research. To be considered for funding, applications for the FY18 PRCRP must address at least one of the Topic Areas as directed by Congress. Research applications in the areas of breast, prostate, lung (excluding mesothelioma), kidney, or ovarian cancer will not be accepted.

   Value: up to $150,000 for up to 2 years


The FY18 PRCRP Topic Areas are:

- Adrenal Cancers
- Bladder Cancer
- Blood Cancers
- Brain Cancer
- Cancer in children, adolescents, and young adults*
- Colorectal cancer
- Immunotherapy+
- Listeria-based regimens for cancer
- Liver cancer
- Lymphoma
- Melanoma and other skin cancers
- Mesothelioma
- Myeloma
- Neuroblastoma
- Pancreatic cancer
- Pediatric brain tumors
- Stomach cancer

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

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

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](http://cdmrp.army.mil/funding/dmdrp)

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

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

Heart & Stroke Foundation: Grants-in-Aid Award Programs

**Grants-in-Aid (GIA)**, the objective: to provide operating funds to support important, pertinent, novel research in the areas of heart disease and stroke across all health research themes: Basic Biomedical; Clinical; Health Services/Systems; Social, Cultural, Environmental and Population Health.

Knowledge gained from scientific findings contributes to the cardiovascular and cerebrovascular health of Canadians through prevention, treatment and recovery. As part of the GIA program, funding specifically targeted towards the improvement of the heart and brain health for women is available. All applicants are
required to include a sex and gender-based analysis in their research design (or provide rationale as to why it would not be relevant to their project)

http://hsf.ca/research/en/grants-aid

Value: up to $100,000 per year for duration of 3 years.

Application Process: the Application deadline for the GIA is August 30, 2018 by 16:00 EDT.

ROADS Contact: Miki (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

National Multiple Sclerosis Society: Grants, Pilot and Center Awards

The National Multiple Sclerosis (MS) Society has recently announced the following funding opportunities:

1) 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

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.

2) 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

Value: maximum $50,000 for 1 year


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

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

The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program

The Canadian Hemophilia Society (CHS) is proud to put out its call for applications for its new research program created in collaboration with Bayer and ADVANCE Canada.
The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program was created to engage Canadian hemophilia treaters in activities to identify and research key issues in the ageing hemophilia population.

The research program will support studies that aim to:

- Identify and provide insight into key issues associated with the ageing hemophilia population
- Identify how management of age-related co-morbidities should be adapted to those with hemophilia
- Create and deliver evidence-based information to health care practitioners (HCPs), the public and policy makers that will lead to improved care and QoL for older Canadians living with hemophilia

http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/Whale-Baleines_eng.asp

**Value:** a maximum of $60,000 for up to 1 year.

**Application Process:** The application deadline for the above opportunity is August 31, 2018.

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

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**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.


   **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/](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.


   **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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**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) **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.


**Value:** up to $400,000 for up to 2 years.

**Application Process:** The LOI deadline for the Idea Development Award is **September 5, 2018**. The application deadline is **September 28, 2018**.

2) **Technology Development Award**, is a product-driven award mechanism intended to advance the development of technologies to aid kidney cancer clinical and patient outcomes, including prevention, detection, diagnosis, treatment, or quality of life.


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

**Application Process:** The LOI deadline for the Technology Development Award is **September 5, 2018**. The application deadline is **September 26, 2018**.

3) **Transitional Research Partnership Award** supports partnerships between clinicians and research scientists that will accelerate the movement of promising ideas in kidney cancer toward clinical applications. This award
supports the development of translational research collaborations between two independent, faculty-level (or equivalent) investigators to address a central problem or question in kidney cancer in a manner that would be less readily achievable through separate efforts


Value: up to $600,000 for up to 3 years.


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

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

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

September 5, 2018 at 11:00 am CDT.

Webinar Website:
https://spencer.smartsimple.us/ex/ex_Evtpage.jsp?token=HQsIRh8GZVhaQxZeXxJSSldWYA%3D%3D&parentids=2411426

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

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 opportunity:

1) 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

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.**

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

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

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**Crohn’s and Colitis Foundation**

The Crohn’s and Colitis foundation has recently announced the following funding opportunities:

1) **Fibrosis Initiative: Biology of Fibrosis in IBD RFP**, the objective: 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


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

2) **Novel Technologies Initiative: Sensor Technologies to Monitor Inflammation in IBD – RFP**, the objective: 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.

**Value:** $125,000 for one year (inclusive of 10% indirect cost)
Application Process: the application deadline for both of the above funding opportunities is September 7, 2018.

ROADS Contact: Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

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 Breast Cancer Research Program (BCRP) - Grants

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

1) **Breakthrough Award Levels 1 and 2 II**, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.

**Funding Level 1:** Innovative, high-risk/high-reward research that is in the earliest stages of idea development. Research with potential to yield new avenues of investigation. Proof of concept. No preliminary data required. DoD FY18 Breast Cancer Breakthrough Award Levels 1 and 2.

**Funding Level 2:** Research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation.


**Value:**

**Level 1:** up to $375,000 for up to 3 years; **Level 1 with partnering PI option:** up to $600,000 for up to 3 years

**Level 2:** up to $750,000 for up to 3 years; **Level 2 with partnering PI option:** up to $1 million for up to 3 years

**Application Process:** The Letter of Intent deadline is November 1, 2018. The application deadline is November 15, 2018.

2) **Breakthrough Award Levels 3 and 4 II**, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.

**Funding Level 3:** Advanced translational studies that have potential for near-term clinical investigation. Small-scale clinical trials may apply. DoD FY18 Breast Cancer Breakthrough Award Levels 3 and 4

**Funding Level 4:** Large-scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Near-term clinical impact is expected. Human clinical testing is required. PIs are expected to have experience in successfully leading large-scale projects.


**Value:**

**Level 3:** up to $2.5 million for up to 4 years; **Level 3 with partnering PI option:** up to $4 million for up to 4 years

**Level 4:** up to $10 million for up to 4 years; **Level 4 with partnering PI option:** up to $10 million for up to 4 years
**Application Process:** The Letter of Intent deadline is September 14, 2018. The application deadline is December 10, 2018.

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

**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 will begin accepting letters of inquiry as of **July 9, 2018.** The application deadline is **September 15, 2018.**

**ROADS Contact:**

Miky (Mihaela) Dumitrescu, Senior Advisor, at dimitrm@mcmaster.ca or extension 21548

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

**FY18 Parkinson’s Research Program – Grant**

The DOD has recently announced the following funding opportunities:

1) **Investigator-Initiated Research Award,** the objective: to support highly rigorous, multidisciplinary, high-impact research projects that have the potential to make an important contribution to Parkinson’s disease
research and/or DoD FY18 Parkinson’s Investigator-Initiated Research Award 4 patient care. This award mechanism supports the full spectrum of research from basic science through clinical research that specifically focuses on scientific and clinical Parkinson’s disease issues, which, if successfully addressed, have the potential to make a major impact in understanding, preventing, diagnosing, or treating Parkinson’s disease or enhancing the wellbeing of individuals experiencing the impact of the disease.


Value: Individual PI awarded $1.5 million for up to 3 years. Partnering PIs awarded $2 million for up to 3 years.

2) Early Investigator Research Award, the objective, to impact an area of paramount importance in Parkinson’s disease. The application must clearly and explicitly describe the potential impact of the proposed study on Parkinson’s disease and convey its level of significance. The research should benefit individuals with Parkinson’s disease, including Service members and Veterans, by improving the understanding, prevention, diagnosis, and/or treatment of Parkinson’s disease. DoD FY18 Parkinson’s Early Investigator Research Award

Value: up to $340,000 for up to 2 years.

Application Process: The LOI deadline for both of the above funding opportunities is September 17, 2018. The application deadline for both of the above funding opportunities is October 3, 2018.

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 opportunity:

1) 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)

**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. [http://cdmrp.army.mil/funding/pa/FY18-PRARP-CSRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRARP-CSRA.pdf)
   
   **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. [http://cdmrp.army.mil/funding/pa/FY18-PRARP-QUAL.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRARP-QUAL.pdf)
   
   **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. [http://cdmrp.army.mil/funding/pa/FY18-PRARP-NIRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRARP-NIRA.pdf)
   
   **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. [http://cdmrp.army.mil/funding/pa/FY18-PRARP-RPA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRARP-RPA.pdf)
   
   **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
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 opportunity:

The *Health Disparity Research Award* supports promising research ideas that have high potential to make a significant impact in eliminating disparities in prostate cancer incidence, morbidity, mortality, and survivorship. The PCRP is interested in research that addresses all different aspects that contribute to health disparity in prostate cancer, including, but not limited to, social, cultural, and/or biological contributors. Proposed research ideas should be innovative, but primary emphasis will be placed on the potential impact of the proposed work.


**Value:** Established Investigators: $1 million for 3 years. New Investigators: $600,000 for 3 years.

**Application Process:** The LOI deadline is September 20, 2018. The application deadline is October 11, 2018.

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

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

**Mitacs: Globalink Research Award (GRA)**

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

The following opportunities support travel and research from Canada to universities in:

- Australia
- Brazil
- China
- EU member countries
  - In France, both universities and Inria Research Centres are eligible host institutions
- Israel
- India
- Japan
- Korea
- Mexico
- Norway
- Saudi Arabia
• Tunisia
• United Kingdom
• United States


Value: up to $6,000 for research projects between 12 -24.

Application Process:

To Travel in January 2019, apply by September 30, 2018.

Students can submit applications at any time but are encouraged to apply at least 16 weeks prior to their planned departure.

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 Reconstructive Transplant Research Program (RTRP) – Grants

The DOD has sent out pre-announcements for the following funding opportunity:
**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) deadline is **October 3, 2018**. The Application deadline is **October 24, 2018**

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

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

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**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/

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/

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)
   https://www.nationalgeographic.org/grants/grant-opportunities/documenting-human-migrations/

**Announcement website**: https://www.nationalgeographic.org/grants/grant-opportunities/

**Application process**:
The National Geographic Society application deadline is **October 3, 2018**.

**ROADS Contact**:
Nathan Coschi, Senior Advisor, at coschinn@mcmaster.ca or extension 21581
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](http://cdmrp.army.mil/funding/lrp)

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

MEOPAR AND Oceans Network Canada (ONC): Call for Proposals

MEOPAR, in partnership with Ocean Networks Canada (ONC), has released the second iteration of the *Early Career Faculty (ECF) program*. The objective: for early-career faculty investigators to contribute to and participate in MEOPAR’s broad interdisciplinary, multi-institutional research effort, thereby growing and extending their network of collaborators and interactions with stakeholders.
http://meopar.ca/research/early-career-faculty-call-for-proposals

Value: a maximum of $100,000 for up to 2 years.

Application Process: the application deadline is October 29, 2018 by 4 pm AST.

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

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:

1) Research Grants, the objective: to support projects advancing knowledge in the anti-doping sphere. review Research Priorities at http://www.cleancompetition.org/about/research-priorities/ http://www.cleancompetition.org/programs/grants-program/ 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/ 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/ RODS 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.


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

**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.


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

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): 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](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.


**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.


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

**Application Process:** Applications can be submitted **throughout the year**.

3) **SICI Members 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.


**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](mailto: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.
http://westonbraininstitute.ca/wp-content/uploads/CT18-Program-Details-v05.pdf and
http://westonbraininstitute.ca/early-phase-clinical-trials-canada/

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/](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