Week of June 15, 2018

Dear colleagues,

Please find below this week’s updates:

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

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

  Tuesday, June 19
  Tuesday, June 26
  Thursday, June 28 (Extra pickup)
  Tuesday, July 3

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

- You are invited to attend the Cardiology Update 2018 taking place on September 28-28, 2018 in Niagara-on-the-Lake. Further details can be found here.

- The Michael G. DeGroote Initiative for Innovation (MGDII) would like to share a number of upcoming events and experiential learning opportunities intended to increase the culture of health innovation and entrepreneurship at McMaster University. Please find further information here.

- Please find attached a communication from EOHSS regarding coming changes to the procedures for delivery of chemicals.

- Just a reminder that the applications for the FHS Award for Excellence in Post-Doctoral Research for Indigenous Scholars are due to fhsgrad@mcmaster.ca by June 30th, 2018.

- Please find attached the minutes of the June CIHR University Delegates webex.

- Please find attached the June 8 and 15 issues of the HRS Funding Opportunities bulletin.

- Please find attached the June 8 issue of the ROADS Funding Opportunities bulletin.
You are invited to join us at **Grand Rounds** next week on **June 21, 2018 at 8:00 am**. Chair’s Medical Grand Rounds will be hosting Dr. Joanne Ho in MUMC-4E20 who will be speaking on *Geriatric Clinical Pharmacology: Optimizing Medical Complexity and Drug Safety*. Medical Grand Rounds - SJH will be hosting in the Miller Amphitheatre with Dr. Anne Holbrook presenting on *Placebo: Our Most Effective Therapy?* Further information on these events, and many others taking place in the Department, can be found in the [ETA Calendar](#).

If you have anything you would like to share with your colleagues, please submit it to Sara Sellers at [sellers@mcmaster.ca](mailto:sellers@mcmaster.ca)

Mark A. Crowther  
Professor and Chair, Department of Medicine
Environmental and Occupational Health Support Services (EOHSS) is pleased to announce that a University-wide chemical inventory management system has officially been launched. The system known as HECHMET (Higher Education Cooperative for Hazardous Materials and Equipment Tracking) is a cooperative of several Canadian institutions with similar goals for management of hazardous materials on campus. This system will allow users to accurately manage their chemical inventories, it will allow the University to track chemicals for regulatory compliance, and it will aid in emergency response to locations that contain hazardous chemicals.

Changes to Receiving Chemicals
As part of the implementation of this inventory system, chemicals will not be shipped directly to lab locations but instead will be received through Campus Services Building General Receiving, West Campus. A communication regarding this change will be going out to all courier companies and other vendors that currently deliver chemicals on behalf of the chemical companies to the University. This change will be effective June 25, 2018.

Why this Change?
At General Receiving, chemicals will be barcoded and entered into HECHMET according to campus location and supervisor name. This will ensure that all new chemicals are entered into the inventory system. Facility Services will make every effort to ensure that chemicals are delivered to their campus locations within the same day of arrival to Central Receiving. Late day arrivals may be delivered on the following day.

Implementation
The initial phase of this project will focus on main campus locations (1280 Main St. West), specifically in the Faculty of Science & Faculty of Engineering.
To provide for ease of identification, please ensure when you are ordering you clearly identify the address as: 1280 Main Street West and your building and room number.
Rollout in all other locations specifically 1200 Main Street West to include the Faculty of Health Sciences and offsite locations will be part of the second phase of the project which is expected to be initiated later this year.

What's Not Included
The inventory system will not include; biohazardous materials, radioactive materials, compressed gases, products available for retail purchase (i.e. household cleaners) or non-hazardous substances.
We will continue to provide you updates as this project proceeds.

Please visit the following EOHSS webpage for more information on the HECHMET process.

If you have questions or would like to provide your department with a catered information session related with any aspect of this program, please contact us directly via Dane DeMan, Lead Health and Safety Specialist EOHSS at deman@mcmaster.ca or ext 20335 or Health and Safety Specialist, Lab Safety, Leah Allan at allanle@mcmaster.ca or ext. 26309

Thank you
Lisa
Faculty of Health Sciences Award for Excellence in Post-Doctoral Research for Indigenous Scholars

Purpose
The Faculty of Health Sciences (FHS), in collaboration with the Office of the Provost, is launching an award for Indigenous postdoctoral fellows (PDF) in health science research.

Eligibility
Nominees must meet the following criteria in order to be considered for this award:

- Demonstrated excellence in health research and scholarly contributions
- Must self-identify as Indigenous to Canada (First Nation, Inuit, Métis) or be on the band lists in Canada regardless of current residency in the United States.
- The applicant must provide information and documentation regarding their First Nation (status and non-status), Métis, Inuit, Band Council, Tribal Council, Treaty, community, nation, or organizational affiliation. Accepted supporting documents of ancestry may include:
  - A copy of a valid Indian Status or Treaty card
  - A copy of a valid Nunavut Trust Certificate card, roll number or any other proof accepted by Inuit communities
  - A copy of a membership card from a Métis registry recognized by the Métis National Council
  - A copy of a membership card from a Métis Settlement General Council community
  - Proof that an ancestor’s name has been entered in the Indian Register according to the Indian Act, or on the band list of an individual band, or on the Inuit roll
  - Written confirmation of nationhood in a federally recognized band council which has its own citizenship code
  - A declaration of Indigenous (status or non-status) identity by the candidate with supporting documentation from either an official in a recognized Indigenous organization or a relative in an Indigenous community.
- Candidates must fulfill, or have fulfilled, all degree requirements for a PhD, PhD-equivalent or health professional degree.
- Candidates must have been awarded a PhD or equivalent normally within the five years immediately preceding his or her initial appointment as a PDF at McMaster University. The PDF appointment is normally not to exceed 6 years, including renewals. In order to be considered for the award, candidates must also be:
  (a) External to McMaster, or registered in a McMaster doctoral program that will be completed before the PDF award commences
  (b) Starting a 1st or 2nd PDF appointment at McMaster University when the award commences.
• For candidates who hold (or are completing) a PhD or are completing an initial PDF, the proposed supervisor(s) listed in your application must be different than your PhD and/or PDF supervisor.

**Value**
The award is valued at $10,000, which will be incorporated into the incumbent’s full funding package for year 1 of their PDF. The funding package must provide a minimum salary of $30,000 (exclusive of the award) annually and be commensurate with the funding packages for PDFs in the hiring Department or School. Recipients who receive other awards are eligible to continue holding this $10,000 award.

**Process**
Eligible applicants are asked to forward a current curriculum vitae, a letter of interest providing an overview of personal and academic accomplishments, and self-identification documentation (eligibility criteria 3.) to their hiring supervisor who will forward the completed application package and the Departmental (or School) letter of support to the Health Sciences Graduate Studies Office (fhsgrad@mcmaster.ca). Applications are due June 30th, 2018.
CIHR University Delegates webex June 7, 2018  
Please send questions or comments to Dr. Lori Burrows burrowl@mcmaster.ca

I. CIHR update.  
No news on CIHR president yet (still?).

CARA (Canadian Association of Research Administrators) 2018 conference – CIHR presented and tri-agency sessions were held

New GC members announced by Min of Health:


II. Cara Tannenbaum – Director of the Institute of Gender and Health  
Scientific directors are impressed by CIHR UD communiqués to community

In 2010, started asking for sex and gender info in grants (also should consider race)  
There has been a significant improvement in applicants accounting for sex and gender
Researchers not always convinced that this is a good idea though most have taken it seriously

**What Researchers Were Saying:**

“Tokenism”

“I never receive peer reviewer comments”

Sex and gender balance action plan – reviewers now have their own boxes to check off and get formal instructions on how to use it. Lots of resources invested in prepping reviewers. Video is available on Youtube if reviewers and applicants want to access it. There are examples of when S&G is not a consideration, and when it is. Also trained Chairs and SO to learn appropriate discussion points, tried to have at least 1 person on committees with expertise. Chair and SO did quality assessment.
Sex and gender champions on Team grants. They can help people learn to integrate sex and gender. Invite them to help internally peer review your grant.

CIHR SGBA ACTION PLAN
Spring 2018 Project Competition:
- NEW: Chair and SO completed one IGH training module
- NEW: Individuals with sex and/or gender expertise within field of study on each committee
- NEW: Sex and gender resource section on CIHR website (e.g. checklist of peer review criteria)

TRAINEE NETWORK
- 60+ trainees
- Chapters at 7 universities across Canada
- Sex and Gender Champions provide training and mentorship opportunities
- Build a community, prepare the next generation of researchers
Also trying to improve indigenous integration. Travel awards available for young indigenous individuals to participate. Trying to build capacity.

Please send Cara your feedback.

Q from UD, paraphrased answers from presenters:

from David Rose to All Participants:
Hi Cara: A great example of how to make a difference. Could you expand more on other traits (apart from S&G) that might need attention? You mention indigenous, which also has a dedicated Institute but there may well be others.

Trying to increase methodological rigour and reproducibility. Under discussion is age, NIH has a lifespan inclusion criterion (pediatric, older).
III. Nancy Mason McClellan – presentation on SPOR

What is SPOR? Strategy on Patient Oriented Research. There is a SPOR newsletter if you’re interested. See appendices for more information. They are in the midst of revamping their website.

Canada’s Strategy for Patient-Oriented Research (SPOR)

- SPOR is a collaboration of researchers, patients, provinces and territories, health care professionals and others – all working in partnership to integrate research into patient care, ultimately improving the health of Canadians.

- Canadian Institutes of Health Research plays a prominent role in the launch, implementation and oversight of SPOR, but represents only one in a multitude of partners.

CIHR is one of the largest of many partners.

SPOR PRINCIPLES

- Patients need to be involved in all aspects of the research to ensure questions and results are relevant and integrated into practice
- 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 with non-federal government partners to ensure relevance and applicability
- Effective patient-oriented research requires a multi-disciplinary approach
- SPOR is focused on first-in-human (and beyond) research designed to be transformative in nature and improve patient outcomes and/or the effectiveness and efficiency of the health care system
- SPOR is outcome driven and incorporates performance measurement and evaluation as integral components of the initiative

Principles that must be integrated into SPOR applications and projects. Patients and clinicians must be involved so the changes make it into practice. This is a niche, first-in-human and beyond. Policy and public health facing. Results driven, requires workplans, budgets, reports, management. There needs to be at least 1:1 match which can include in-kind.
“a continuum of research that engages patients as partners, focuses 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”

Support units, networks (each has its own website), capacity development (framework launched in 2015). With the SUs, they have developed a Foundations in POR curriculum. Collaborations grants 15-40K, with a 1:1 match.
Clinical trials CTCC has ended, in discussion about how to continue.

CAPACITY DEVELOPMENT


- Ensuring capacity for meaningful patient engagement
- Mobilizing existing expertise
- Supporting careers
- Collaborating
- Building capacity to apply research to real world problems

CLINICAL TRIALS

Includes two components:

- Canadian Clinical Trials Coordinating Centre (CCTCC)
- Innovative Clinical Trials (iCT) Initiative

CCTCC

- Funded to strengthen the environment for clinical trials in Canada,
- Clinical Trials Asset Map
- Model Clinical Trials Agreement

Clinical trials CTCC has ended, in discussion about how to continue.
iCT – increases Canadian competitiveness.

**CLINICAL TRIALS**

*Rewarding Success Initiative*

- The Rewarding Success Initiative is being piloted in four provinces: British Columbia, Alberta, Manitoba, and Newfoundland & Labrador.
- Phases 1 and 2 of the initiative are complete, the funding opportunity for Phase 3 is in development and will be launched in June 2018.
- 12 Business Case development grants @ $100K each offered through Phase 2.

Refer to the Appendix for additional information regarding the timeline for the Rewarding Success Initiative.

**CLINICAL TRIALS**

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<tr>
<th>Innovative Clinical Trials Initiatives</th>
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<tr>
<td>Innovative Clinical Trials (iCT) Initiative</td>
<td>Contribute to increasing Canadian competitiveness in iCT research and provide a stimulus for trialists to adopt new methodologies.</td>
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<tr>
<td>Rewarding Success Initiative (pilot)</td>
<td>Aims to (1) incentivize multidisciplinary research teams and their partners to design, adopt, and evaluate interventions; and (2) support innovative process transformations that improves health outcomes and value for Canada’s healthcare investment.</td>
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</table>

Refer to the Appendix for additional information regarding the teams and projects funded through the ICT initiative.

Patient engagement framework launched in June 2014. Working with support units to develop a set of considerations regarding patient participation in research and compensation (part of the ‘support’ criterion). Many pieces are still a work in progress.
PATIENT ENGAGEMENT

Occurs when patients meaningfully and actively collaborate in the governance, priority setting, and conduct of research, as well as in summarizing, distributing, sharing, and applying its resulting knowledge

- SPOR Patient Engagement Framework
  - Published on the CIHR website; foundation for patient engagement of SPOR-funded entities and partners, including CIHR.

- CIHR has been working with SUPPORT Unit Patient Engagement leads to develop a set of considerations for the compensation of patients that are engaged in research.
  - Expected release of the document spring/summer 2018.

SPOR PATIENT ENGAGEMENT FRAMEWORK

Vision
Patients are active partners in health research that will lead to improved health outcomes and an enhanced health care system.

Guiding Principles
- Inclusiveness
- Support
- Mutual Respect
- Co-Building

Core Areas for Action
- Governance & Decision-Making
- Capacity Building
- Tools and Resources
Enabling is the newest component. Evidence alliance is a platform to get help in answering questions (query process).

**ENABLING FUNCTIONS**

**SPOR Evidence Alliance**
- Led by Dr. Andrea Tricco @ St. Michael's Hospital
- Program launched: [https://sporevidencealliance.ca/](https://sporevidencealliance.ca/)
- CIHR investment of $5 M matched 1:1 through over 40 partners

**SPOR National Data Platform**
- Expected funding period: 2018/19 – 2025/26
- Total planned investment: $78M
  - CIHR: $39M
  - Partners: $39M

Data platform – to improve access, harmonization (multi-jurisdictional), linking primary data to health admin, social, other data; inform solutions to data access; facilitate access to data storage and analytics. Shooting for end of October announcement.

**Contact Us!**

Nancy Mason MacLellan, Manager
Nancy.MasonMacLellan@cihr-irsc.gc.ca
General Inquiries: SPOR-SRAP@cihr-irsc.gc.ca
Website: [www.cihr-irsc.gc.ca/e/41204.html](http://www.cihr-irsc.gc.ca/e/41204.html)

from mark filiaggi to All Participants:

Will we ever get away from the "patient" language and consider "people/public" so that we can emphasize health promotion and not just a disease focus?

Patients helped to develop the framework and they think that it is a lower priority than focusing on the framework details.
from David Rose to All Participants:
Why is it assumed that a 1:1 match ensures relevance/applicability? It really limits accessibility to the program and could exclude some very impactful ideas.

Written deeply into the program, comes from Treasury board. Skin in the game. More inclined to use the results if they are invested. There is actually almost a 2:1 match to CIHR funding. They have not heard that it poses a barrier to participation.

IV. Project update - Kelly Taylor for Martine Lafrance

The panels are underway now. To date, 39 of 67 meetings are finished, all done by June 15. July 10 Notice of Decision, Oct 1 funding start. Announcement for Fall 2018 competition will be coming in mid July, including priority announcements.

from David Rose to All Participants:
Is there any further thoughts on updating the PRC mandates?

There will be changes to the mandates for the fall – they will let us know when the information is ready.

V. Foundation update – Kelly Taylor for Dale Dempsey

June 12-13 meeting to finalize stage 3 decisions, July 17 Notices of Decision released

What about upcoming competition and decisions from working group committee on Foundation? There are recommendations they are working through. They hope to have the info out in the next couple of weeks.

VI. Nathalie Gendron – strategic initiatives

There are a number coming up in July, including microbiome related – could have a convo next month about how the opportunities are selected.

from CIHR Webinars / Webinaires des IRSC to All Participants:

Funding Opportunity Database: https://www.researchnet-recherchenet.ca/rnr16/LoginServlet?language=E

from CIHR Webinars / Webinaires des IRSC to All Participants:

Operating Grant: Understanding the Health Impact of Inactivity: https://www.researchnet-recherchenet.ca/rnr16/vwOpprntyDtls.do?prog=2866&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true

Operating Grant : AMR: Point of Care Diagnostics in Human Health - Phase 2: https://www.researchnet-recherchenet.ca/rnr16/vwOpprntyDtls.do?prog=2846&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true
from Samar Saneinejad to All Participants:

When will CIHR announce the results of the latest SPOR iCT competition?

Should be online.

from Joanne Simala to All Participants:

Would it be possible to share when the "GACD 2.0 Scaling-up of evidence-based interventions at the population level for the prevention or management of hypertension and/or diabetes" will be posted on ResearchNet?

from David Rose to All Participants:

The suggestion about how these are decided is great. Especially what are the considerations when an opportunity has very few proposals.

Sometimes large initiatives have low numbers of applications. There are a number of programs that drive the development of various opportunities. They will go over this on the next call.
News & Events

**CIHR Launches new Equity and Diversity Questionnaire for Applicants**
CIHR manages over 100 funding competitions each year. As outlined in the CIHR Equity Strategy, we are committed to ensuring that all CIHR programs and peer review processes result in the fair and impartial treatment of all participants. To fulfill this commitment, CIHR must collect data on a number of equity dimensions to allow us to identify and address potential inequities. **As of May 15, 2018, ALL application participants for ALL CIHR programs must complete an Equity and Diversity Questionnaire. BE PROACTIVE: If you have a ResearchNet (RNet) account login NOW and complete the survey info in RNet Account Settings per the linked RNet instructions here.***

Read More

### Health Research Grant Competitions

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

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<td>CIHR – Team Grant: Pathways Implementation Research Teams Component 3</td>
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<td>CIHR – Fellowship: Banting Postdoctoral Fellowships Program</td>
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<td>CIHR – Team Grant: HIV/AIDS Biomedical and Clinical Research</td>
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<td>CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research</td>
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<tr>
<th>Funding Opportunity (Non-CIHR)</th>
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<td>The Steacie Prize in the Natural Sciences, 2018</td>
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<td>AGE-WELL National Impact Challenge</td>
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<td>Mitacs Elevate Spring 2018 Call for Proposals</td>
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<td>The Royal-Mach-Gaensslen Prize for Mental Health Research</td>
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<td>Canadian Blood Services: Blood Efficiency Accelerator Award Program</td>
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<td>Social Sciences and Humanities Research Council (SSHRC) Connection Grants</td>
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<td>Funding Opportunity</td>
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<tr>
<td>Department of Defense Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018</td>
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<td>Jul 19</td>
<td>Aug 2</td>
</tr>
</tbody>
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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 1, 2018
Sponsor Deadline: August 15, 2018
CIHR – Operating Grant: Understanding the Health Impact of Inactivity

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

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

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

1. Enhance our understanding of the
   - Health impacts of inactivity by:
     - Identifying impact through biological measures
     - Identifying relevant biological measures to support care transitions
     - Identifying biological changes that may inform our mechanistic understanding of pre-frailty and progression to frailty
   And
     - Impact and effectiveness of a specific countermeasure protocol by:
     - Identifying biological changes induced by its use
     - Evaluating the effectiveness of the countermeasure
     - Generating new knowledge to further inform the development of interventions and rehabilitation solutions to counteract the adverse effects of inactivity

   For older people and individuals who experience inactivity or reduced activity over an extended period, and for astronauts during space missions.

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

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

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

CIHR – Team Grant: Pathways Implementation Research Teams Component 3

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

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

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

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


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

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

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

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

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

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

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

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

CIHR - Operating Grant: Epigenetics Clinical Translation
The specific objectives of this funding opportunity are to:
- Evaluate applications of epigenetics in the clinical setting, including through clinical trials, demonstrating proof-of-concept utility of epigenetic changes as biomarkers, diagnostics and targets for potential therapeutics;
- Support and build upon existing Canadian research expertise in epigenetics for clinical translation outcomes;
- Build capacity for epigenetics clinical research through training and mentoring.
**Funding Details:** The total amount available for this funding opportunity is $6,000,000, enough to fund up to four grants. The maximum amount per grant is $375,000 per year for up to four years.

**Additional Details**

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

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**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.

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**Additional Details**

**Internal HRS Deadline:** October 23, 2018  
**Sponsor Deadline:** November 6, 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.

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**Additional Details**

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

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**The Steacie Prize in the Natural Sciences, 2018**

The Steacie Prize is a Canadian award of $10,000 presented once a year to a scientist or engineer of 40 years of age or less for outstanding scientific research carried out in Canada. The winner is selected by a distinguished panel which is appointed annually by the E.W.R. Steacie Memorial Fund, a private foundation dedicated to the advancement of science and engineering in Canada. Nominations of candidates should be made by a colleague, and should include a description and evaluation of the nominee’s work, together with a curriculum vitae, a publication list, and a list of referees.
**AGE-WELL National Impact Challenge**

The AGE-WELL National Impact Challenge is looking for new and unique technology-based solutions that can benefit Canadians as they age. Contestants will compete for prizes totaling over $100,000 in cash and in-kind services by showcasing how their solution could positively impact older Canadians or their caregivers. To take part in the AGE-WELL National Impact Challenge, contestants are asked to submit their idea in video format (not more than five minutes). Videos meeting competition criteria will be posted on AGE-WELL’s website for public voting. The contestant in each of five geographic zones who receives the most votes will be invited to pitch their idea at a finale in Vancouver at the AGE-WELL Annual Conference, taking place Oct. 16-18, 2018.

**Funding Details:** Up to $100,000 over 12 months.

**Additional Details**

**Internal HRS Deadline:** June 15, 2018  
**Sponsor Deadline:** June 30, 2018

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**Mitacs Elevate Spring 2018 Call for Proposals**

Mitacs Elevate is a postdoctoral fellowship with a customized research management training component. Fellows address complex challenges through:

- An exclusive research management curriculum for postdoctoral fellows in any discipline
- A minimum one-year research project (normally two years in duration) with a partner organization in need of high-level expertise
- A Partner Organization Business Case, developed to outline project objectives, risks, and stakeholder success criteria, and ensure project value

Elevate fellows progress through the program in a cohort, giving them cross-disciplinary networking and peer-learning opportunities they might not have otherwise in their careers.

**Funding Details:** Elevate fellows receive $55,000 minimum annual stipend/salary (for fellowships awarded after April 1, 2018) and training curriculum valued at $7,500 per year. Maximum 2 years.

**Additional Details**

**LOI Deadline:** June 13, 2018  
**Internal HRS Deadline:** June 27, 2018  
**Sponsor Deadline:** July 11, 2018

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**The Royal-Mach-Gaensslen Prize for Mental Health Research**

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

**Funding Details:** $100,000 for one year

**Additional Details**

**Internal HRS Deadline:** July 1, 2018  
**Sponsor Deadline:** July 15, 2018
**Canadian Blood Services: Blood Efficiency Accelerator Award Program**

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

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

**Additional Details**

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

**Simons Foundation Autism Research Initiative (SFARI): Genomic Analysis for Autism Risk Variants in SPARK (Simons Foundation Powering Autism Research for Knowledge)**

SPARK (Simons Foundation Powering Autism Research for Knowledge) is an autism research initiative that aims to recruit, engage and retain a community of 50,000 individuals with autism and their family members living in the U.S. Participation in this cohort will involve contribution of medical and behavioral information, mailing in of saliva for genetic analysis, the option to have genetic findings related to autism returned, and consent to be invited to participate in future research studies. The project is operated by the Simons Foundation Autism Research Initiative (SFARI) in collaboration with approximately 25 university-affiliated research clinics, whose roles are to help enroll individuals with autism and their families in the study. Numerous national and local autism community organizations across the U.S. are also helping to find research participants and spread the word about this landmark initiative.

**Funding Details:** SFARI is expected to fund several awards in the range of $100,000 (direct costs) for 18 months. Higher budgets will be considered, but such budgets are expected to be strongly justified.

**Additional Details**

LOI Deadline: June 22, 2018
Internal HRS Deadline: July 13, 2018
Sponsor Deadline: July 27, 2018

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

Connection Grants are expected to respond to the objectives of the Connection program. They support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage on research issues of value to those participating. Events and outreach activities funded by a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities listed in SSHRC’s Funding search tool. Connection Grants support workshops, colloquiums, conferences, forums, summer institutes, or other events or outreach activities that facilitate:

- disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
- scholarly exchanges between those working in the social sciences and humanities and those working in other research fields;
- intersectoral exchanges between academic researchers in the humanities and social sciences and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
- international research collaboration and scholarly exchanges with researchers, students and non-academic partners from other countries.

**Funding Details:** $7,000 to $25,000 for events, and up to $50,000 for other outreach activities; higher amounts for outreach activities may be considered if well justified. Duration is 1 year.

**Additional Details**

NOI Due to ROADS: June 13, 2018
Draft Application Due to ROADS: July 3, 2018
Final Application Due to ROADS: July 24, 2018
Sponsor Deadline: August 1, 2018

* To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 21581**
**Vasculitis Foundation: Research Program**

The Vasculitis Foundation, a leading international supporter of research on vasculitis, is pleased to announce requests for grant applications for our 2019 research funding cycle. With a goal to improve the quality of life for patients with vasculitis, and ultimately find the cause/s and cure for vasculitis, the VF Research Program provides one- or two-year seed grants to support pilot studies in researching:

- Etiology/Pathogenesis (could include a broad range of studies of immunity, inflammation, or vascular biology. Relevance to human vasculitis will be taken into account by the reviewers.)
- Epidemiology, including genetics
- Diagnosis, including identification of disease subtypes
- Treatment/Management, including therapeutics to treat vasculitis or prevent complications, bio markers, and psychosocial outcomes

**Funding Details:** Maximum awards will be for $50,000 for 12 months. Some awards will be available for two years at a maximum of $50,000 per year.

**Additional Details**

**LOI Deadline:** June 15, 2018

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

**Sponsor Deadline:** August 3, 2018

**Escher Fund for Autism: Grants**

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

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

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

**Funding Details:** $25,000 grant available.

**Additional Details**

**LOI Deadline:** June 30, 2018

**Internal HRS Deadline:** TBD

**Sponsor Deadline:** TBD

**Elton John Aids Foundation: Open Call for Proposals**

The objective of the Open Call for Proposals is to support

1) any organization working to address HIV and AIDS, and

2) organizations working toward one or more of the following goals:

- Wellness: Improving the health of people living with HIV or at risk, or otherwise affected by HIV
- Rights: Upholding the rights of people living with and affected by HIV
- Quality of Life: addressing the social and economic needs of people living with and affected by HIV
- Resilience: strengthening the skills and strategies of organizations and activists addressing HIV The EJAF values programs that:
  - are led by and based in the communities being served;
  - are advocating for improved government health policies and funding;
  - are piloting or scaling up innovative programs to promote health and rights;
  - can show a history of activism, creativity and urgency in working to address and curtail the HIV epidemic;
  - are grounded in evidence regarding where and among whom HIV infections are happening, and the best interventions to help people avoid infection or, if HIV-positive, to live healthy lives.
**Funding Details:** First-time applicants should apply for grants of between $20,000 and $100,000 for 1 year. The EJAF will consider requests up to $300,000 from organizations with a national focus or working in multiple countries, and have a proven ability to implement large-scale programs.

**Additional Details**
**LOI Deadline:** June 30, 2018  
**Internal HRS Deadline:** TBD  
**Sponsor Deadline:** TBD

### Autism Speaks 2018 Treatment Research Grants
Autism Speaks invites Treatment Research Grant applications to conduct innovative studies of novel treatments and interventions for people with autism spectrum disorder (ASD) throughout the life span. These may include medical approaches such as pharmacological treatments and complementary and alternative forms of health care, as well as behavioral and/or psychosocial interventions. Successful applications will focus on evaluation of the efficacy, effectiveness or other therapeutic benefits of the targeted intervention.

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

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

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

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

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

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

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

### Alex’s Lemonade Stand Foundation Psychosocial Launch Grant
Alex’s Lemonade Stand Foundation (ALSF) is committed to addressing the psychosocial and behavioral health outcomes for children diagnosed with cancer and their families. Their Psychosocial Launch Grant fills a direct need for research funding by supporting studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. This grant is designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer and whose proposals will have clinically significant impact.

**Funding Details:** Up to $100,000 over 2 years.

**Additional Details**
**LOI Deadline:** June 11, 2018  
**Internal HRS Deadline:** September 17, 2018  
**Sponsor Deadline:** October 1, 2018
**Alex’s Lemonade Stand Foundation Psychosocial Family Impact Grant**

Alex’s Lemonade Stand Foundation (ALSF) is committed to addressing the psychosocial and behavioral health outcomes for children diagnosed with cancer and their families. Our Psychosocial Family Impact Grant fills a direct need for research funding by supporting studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. This grant is designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer and whose proposals will have clinically significant impact.

**Funding Details:** The award amount is up to $100,000 per year for 3 years.

**Additional Details**
- **LOI Deadline:** June 11, 2018
- **Internal HRS Deadline:** September 17, 2018
- **Sponsor Deadline:** October 1, 2018

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

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

**Funding Details:** Up to $250,000 over two years.

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

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

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

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

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

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**BrightFocus Foundation: Macular Degeneration Research Grants**

The objective of the Macular Degeneration Research Program is to support:

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

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

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

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

Additional Details
Draft NOI to ROADS: July 18, 2018
NOI to Sponsor: August 1, 2018
Sponsor Deadline: November 1, 2018
*To Apply, Contact Nathan Coschi, Senior Advisor, ROADS at coschimn@mcmaster.ca or extension 21581*

Weston Brain Institute Rapid Response: Canada 2019 (Parkinson’s & Related Diseases)
The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting high-risk, high-reward translational projects, while leveraging world-class business and scientific expertise in a fast and flexible granting process. Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. Diseases such as Alzheimer’s and Parkinson’s are placing a large and increasing burden on society. If ignored, the social and economic costs to manage these diseases will rise significantly within a generation.

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

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

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

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### 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.

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### 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

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**OCE Voucher for Innovation and Productivity (VIP I) Program**

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

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

**Additional Details**

**Sponsor Deadline:** Ongoing

*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*
OCE Voucher for Innovation and Productivity II (VIP II) Program
The VIP II program helps established Ontario-based companies develop, implement and commercialize technical innovations by supporting partnerships with publicly-funded post-secondary institutions. Projects funded through VIP II address company needs by enabling the development of new products and/or processes, or facilitating productivity improvements, by leveraging post-secondary institutions’ skills and resources. Projects must ultimately help generate new revenues and create high-value jobs for Ontario companies. You can also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.

Funding Details: The VIP II program supports collaborations between companies and publicly-funded post-secondary institutions for durations of 12 and 24 months to a maximum of $150,000.

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

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

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

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

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

Funding Details: Each 12-month fellowship is valued at $85,000 as follows
• $35,000 contribution from OCE
• $25,000 company cash contribution
• $25,000 company in-kind contribution

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 Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018**
The goal of the FY18 TSCRP is to fund exploratory, pioneering and transformative science that promotes discoveries in TSC, from mechanistic insights to clinical application, by supporting new ideas and investigators for the benefit of Service members, their beneficiaries, and the American public. Within this context, the FY18 TSCRP encourages applications that address the critical needs of the TSC community in one or more of the following FY18 Focus Areas:

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

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

**Additional Details**
**LOI Deadline:** July 11, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** July 19, 2018
**Sponsor Deadline:** August 2, 2018

**Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018**
The NFPR encourages applications that specifically address the critical needs of the NF community in one or more of the FY18 Areas of Emphasis. Not all Areas of Emphasis are applicable to each award mechanism offered by the FY18 NFRP. If the proposed research project does not address one of the FY18 Areas of Emphasis, justification that the proposed research project addresses an important problem related to NF research and/or patient care should be provided.

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

Funding Details:
• Clinical Trial Award - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $800,000 in direct costs ($1,000,000 in direct costs if requesting a Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
• Exploration-Hypothesis Development Award - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $100,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
• Investigator-Initiated Research Award - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $525,000 in direct costs ($575,000 in direct costs if requesting an Optional Qualified Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
• New Investigator Award - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $450,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
• Early Investigator Research Award - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $200,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

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

Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2018
Ovarian cancer is the leading cause of death among gynecological cancers each year. In 2017, approximately 22,440 women will be diagnosed with ovarian cancer in the United States, and an estimated 14,080 will die from the disease. Ovarian cancer ranks fifth in cancer deaths among women. The Department of Defense (DoD) Ovarian Cancer Research Program (OCRP) was initiated in FY97 to support high-impact, cutting-edge research that fills unmet needs. Appropriations for the OCRP from FY97 through FY16 totaled $276.45 million (M). The FY17 appropriation is $20M.

Funding Details:
• Clinical Development Award – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years. Funding is increased to $800,000 for direct costs with a qualified nested Early Career Investigator.
• Omics Consortium Development Award – Maximum funding of $400,000 for direct and indirect costs for a maximum of 2 years.
• Ovarian Cancer Academy Award – Early-Career Investigator – Maximum funding of $725,000 for direct and indirect costs for a maximum of 4 years.

Additional Details
LOI Deadline: July 25, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: August 1, 2018
Sponsor Deadline: August 8, 2018
Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 4 new funding opportunities for their Ovarian Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Discovery Award** – Maximum funding of $200,000 for direct costs (plus indirect costs) for a maximum of 18 months

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

**Internal HRS Deadline: June 21, 2018**
**Sponsor Deadline: June 28, 2018**

Funding Details:
- **Investigator-initiated Research Award** – Maximum funding of $1.2 million for direct costs (plus indirect costs); $1.5 million for direct costs (plus indirect costs) for applications including a Partnering PI Option Maximum period of performance is 3 years
- **Technology/Therapeutic Development Award** – Maximum funding of $3M for direct costs (plus indirect costs) for a maximum of 3 years

**LOI Deadline: June 12, 2018 (A Pre-application is required and must be submitted through eBRAP)**

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

Funding Details:
- **Focused Program Award** – Maximum funding of $10 million for total costs (includes direct and indirect costs) for a maximum of 4 years.

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

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

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Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018

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

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

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

**Internal HRS Deadline: August 2, 2018**
**Sponsor Deadline: August 9, 2018**

Funding Details:
- **Idea Development Award** – Maximum funding of $350,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years.
- **Investigator-Initiated Translational Research Award** – Maximum funding of $400,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years.
- **Translational Research Partnership Award** – Maximum funding of $900,000 in direct costs (plus indirect costs). Period of performance not to exceed 3 years.

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

**Internal HRS Deadline: September 12, 2018**
Sponsor Deadline: September 26, 2018

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

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 Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018**

The Department of Defense has released 4 new funding opportunities for their Ovarian Cancer Research Program. Please see [Additional Details](#) link for further information. Please note respective deadlines for each award.

Funding Details:
- **Impact Award** – Maximum funding for the entire period of performance is $1,000,000 in direct costs (plus indirect costs). Maximum period of performance is 3 years.
- **Idea Award with Special Focus** – Maximum funding for the entire period of performance is $400,000 in direct costs (plus indirect costs). Maximum period of performance is 2 years.
- **Translational Team Science Award** – Maximum funding for the entire period of performance is $1,000,000 for direct costs (plus indirect costs). Maximum performance is 4 years.

LOI Deadline: June 20, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 12, 2018
Sponsor Deadline: September 26, 2018

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

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

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

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

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

LOI Deadline: June 25, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 13, 2018
Sponsor Deadline: September 27, 2018
Department of Defense Autism Research Program (ARP) Funding Opportunities for Fiscal Year 2018

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

Funding Details:

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

Additional Details

LOI Deadline: July 5, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 20, 2018
Sponsor Deadline: October 4, 2018

Department of Defense Amyotrophic Lateral Sclerosis Research Program (ALSRP) Funding Opportunities for Fiscal Year 2018

As directed by the Office of the Assistant Secretary of Defense for Health Affairs, the Defense Health Agency (DHA), J9 Research and Development Directorate manages the Defense Health Program (DHP) Research, Development, Test and Evaluation (RDT&E) appropriation. The managing agent for the anticipated Program Announcements/Funding Opportunities is the Congressionally Directed Medical Research Programs (CDMRP).

The mission of the ALSRP is to fund innovative pre-clinical research to develop new treatments for ALS for the benefit of Service members, Veterans, and the general public.

Funding Details:

- **Therapeutic Development Award** – Maximum funding of $1M for direct costs for the standard award. Maximum funding of $1,250,000 for direct costs for submissions under the Therapeutically Relevant Marker Option. Maximum period of performance is 2 years.
- **Therapeutic Idea Award** – Maximum funding of $500,000 for direct costs for a maximum period of performance of 2 years.

Additional Details

LOI Deadline: June 22, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 27, 2018
Sponsor Deadline: October 11, 2018

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

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

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

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

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

• **Translational Research Award** - The maximum allowable funding for the entire period of performance is $1,250,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.

**Additional Details**

**LOI Deadline:** **July 9, 2018** (A pre-application is required and must be submitted through eBRAP)

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

**Sponsor Deadline:** **October 15, 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:**

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

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

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

**Sponsor Deadline:** **September 27, 2018**

**Funding Details:**

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

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

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

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

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

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

**Funding Details:**

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

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

**Additional Details**

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

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

**Sponsor Deadline:** October 18, 2018

**Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018**

The objective of the FY18 BMFRP is to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF diseases and their progressions to other malignancies, such as leukemia, are acceptable. However, research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

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

**Additional Details**

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

**Internal HRS Deadline:** October 18, 2018

**Sponsor Deadline:** November 1, 2018

**Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018**

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

**Funding Details:**

- **Clinical Trial Award** - Maximum funding of $1,000,000 for direct costs (plus indirect costs). Maximum funding of $1,016,000 for direct costs with the Biorepository Contribution Option (plus indirect costs). Maximum period of performance is 4 years.

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

- **Qualitative Research Award** - Maximum funding of $400,000 for direct costs (plus indirect costs). The maximum period of performance is 3 years.

**Additional Details**

**LOI Deadline:** July 13, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 25, 2018

**Sponsor Deadline:** November 8, 2018
Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2018

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

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

Additional Details
LOI Deadline: **July 17, 2018** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **October 25, 2018**
Sponsor Deadline: **November 8, 2018**
DoD KCRP Funding: Webinar for Kidney Cancer Researchers

Date: June 26, 2018
Time: 2:00–3:00 p.m. Eastern Time
Host: American Urological Association
Presenter: Dr. Donna M. Kimbark, CDMRP Program Manager
Target Audience: Kidney cancer researchers from all disciplines
Join the American Urological Association (AUA) and CDMRP Program Manager Dr. Donna Kimbark for an informational webinar on applying for research funding through the Department of Defense (DoD) Congressionally Directed Medical Research Program (CDMRP) Kidney Cancer Research Program. This webinar is a valuable tool for anyone seeking support for kidney cancer research.

Register Now

CIHR Launches new Equity and Diversity Questionnaire for Applicants
CIHR manages over 100 funding competitions each year. As outlined in the CIHR Equity Strategy, we are committed to ensuring that all CIHR programs and peer review processes result in the fair and impartial treatment of all participants. To fulfill this commitment, CIHR must collect data on a number of equity dimensions to allow us to identify and address potential inequities. As of May 15, 2018, ALL application participants for ALL CIHR programs must complete an Equity and Diversity Questionnaire. BE PROACTIVE: If you have a ResearchNet (RNet) account login NOW and complete the survey info in RNet Account Settings per the linked RNet instructions here.

Read More

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

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**NEW** Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2018

| Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018 |
| Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2018 |

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

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

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

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

**Additional Details**

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

### CIHR – Operating Grant: Understanding the Health Impact of Inactivity

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

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

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

1. Enhance our understanding of the
   - Health impacts of inactivity by:
     - Identifying impact through biological measures
     - Identifying relevant biological measures to support care transitions
     - Identifying biological changes that may inform our mechanistic understanding of pre-frailty and progression to frailty
   And
   - Impact and effectiveness of a specific countermeasure protocol by:
     - Identifying biological changes induced by its use
     - Evaluating the effectiveness of the countermeasure
     - Generating new knowledge to further inform the development of interventions and rehabilitation solutions to counteract the adverse effects of inactivity

For older people and individuals who experience inactivity or reduced activity over an extended period, and for astronauts during space missions.

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

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

**Additional Details**

LOI Deadline: **July 24, 2018**
Internal HRS Deadline: **August 7, 2018**
Sponsor Deadline: **August 21, 2018**
**CIHR – Team Grant: Pathways Implementation Research Teams Component 3**

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

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

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

**Additional Details**

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

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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 – 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

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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.

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

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**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

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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

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

**Funding Details:** $100,000 for one year

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

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

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

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

**Simons Foundation Autism Research Initiative (SFARI): Genomic Analysis for Autism Risk Variants in SPARK (Simons Foundation Powering Autism Research for Knowledge)**
SPARK (Simons Foundation Powering Autism Research for Knowledge) is an autism research initiative that aims to recruit, engage and retain a community of 50,000 individuals with autism and their family members living in the U.S. Participation in this cohort will involve contribution of medical and behavioral information, mailing in of saliva for genetic analysis, the option to have genetic findings related to autism returned, and consent to be invited to participate in future research studies. The project is operated by the Simons Foundation Autism Research Initiative (SFARI) in collaboration with approximately 25 university-affiliated research clinics,
whose roles are to help enroll individuals with autism and their families in the study. Numerous national and local autism community organizations across the U.S. are also helping to find research participants and spread the word about this landmark initiative.

**Funding Details:** SFARI is expected to fund several awards in the range of $100,000 (direct costs) for 18 months. Higher budgets will be considered, but such budgets are expected to be strongly justified.

**Additional Details**
**LOI Deadline:** June 22, 2018
**Internal HRS Deadline:** July 13, 2018
**Sponsor Deadline:** July 27, 2018

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

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

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

**Funding Details:** $25,000 grant available.

**Additional Details**
**LOI Deadline:** June 30, 2018
**Internal HRS Deadline:** TBD
**Sponsor Deadline:** TBD

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**Elton John Aids Foundation: Open Call for Proposals**
The objective of the Open Call for Proposals is to support

1) any organization working to address HIV and AIDS, and
2) organizations working toward one or more of the following goals:

- Wellness: Improving the health of people living with HIV or at risk, or otherwise affected by HIV
- Rights: Upholding the rights of people living with and affected by HIV
- Quality of Life: addressing the social and economic needs of people living with and affected by HIV
- Resilience: strengthening the skills and strategies of organizations and activists addressing HIV The EJAF values programs that:
  - are led by and based in the communities being served;
  - are advocating for improved government health policies and funding;
  - are piloting or scaling up innovative programs to promote health and rights;
  - can show a history of activism, creativity and urgency in working to address and curtail the HIV epidemic;
  - are grounded in evidence regarding where and among whom HIV infections are happening, and the best interventions to help people avoid infection or, if HIV-positive, to live healthy lives.

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

**Additional Details**
**LOI Deadline:** June 30, 2018
**Internal HRS Deadline:** TBD
**Sponsor Deadline:** TBD
National Multiple Sclerosis Society: Research Grants
Research Grants, the objective: to support applications for studies that may serve to advance their mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

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

Additional Details
LOI Deadline: July 25, 2018
Internal HRS Deadline: July 25, 2018
Sponsor Deadline: August 1, 2018

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

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

National Multiple Sclerosis Society: Pilot Research Grants
Pilot Research Grants, the objective: to fund high-risk pilot grants to quickly test novel ideas. Funding is provided for one year to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding.

Funding Details: Maximum $50,000 for 1 year

Additional Details
LOI Deadline: September 10, 2018
Internal HRS Deadline: September 10, 2018
Sponsor Deadline: September 12, 2018

Autism Speaks 2018 Treatment Research Grants
Autism Speaks invites Treatment Research Grant applications to conduct innovative studies of novel treatments and interventions for people with autism spectrum disorder (ASD) throughout the life span. These may include medical approaches such as pharmacological treatments and complementary and alternative forms of health care, as well as behavioral and/or psychosocial interventions. Successful applications will focus on evaluation of the efficacy, effectiveness or other therapeutic benefits of the targeted intervention.
Funding Details: Two awards are anticipated at $250,000/year for three years with a maximum of $750,000 per award.

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

QUEST Resident Research Resource Opportunity
Hamilton Health Sciences and McMaster University’s commitment to quality research and patient care led to the creation of the QUEST Resident Research Resource. This fund provides a unique opportunity to support resident investigators under the mentorship of senior staff, coupled with support in KT/Health Services research. The primary objective of QUEST is to support the development and evaluation of simple, cost-effective resident initiated cardiovascular KT interventions. The Quest Framework would utilize KT research and the knowledge to action cycle (Graham et al) to address key evidence-practice gaps in the following realms:

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

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

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

Alex’s Lemonade Stand Foundation Familial RUNX1 Research Program
ALSF is committed to creating opportunities for new and innovative research into treatments and cures for childhood cancers. The Babich Family Foundation (runx1.com) is dedicated to advancing areas of research of particular importance to families affected by familial platelet disorders (FPDs) leading to acute myeloid leukemia (AML) due to germline RUNX1 mutations with the ultimate goal of developing effective therapies to prevent the onset of AML.

Funding Details: Up to $250,000 over two years.

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

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

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

Additional Details
**BrightFocus Foundation: Macular Degeneration Research Grants**

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

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

**Additional Details**

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

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

The Natural Sciences and Engineering Research Council of Canada (NSERC) is now accepting Notices of Intent to Apply (NOIs) for the 2019 Discovery Grants competition. The Discovery Grants Program supports ongoing programs of research with long-term goals, rather than a single short-term project or collection of projects. These grants recognize the creativity and innovation that are at the heart of all research advances. The objectives of the Discovery Grants Program are to:

- promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- foster research excellence; and
- provide a stimulating environment for research training.

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

**Additional Details**

**Draft NOI to ROADS: July 18, 2018**
**NOI to Sponsor: August 1, 2018**
**Sponsor Deadline: November 1, 2018**

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

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**2019 PSI Graham Farquharson Knowledge Translation Fellowship**

This Fellowship is intended to provide salary support for a new Ontario investigator, who has demonstrated the ability to successfully complete high impact knowledge translation research. The Fellowship’s funds, dedicated to salary support, must protect at least 50% of the Fellow’s time to conduct such research.

**Funding Details:** This program offers two options for a funding timeline for salary support: A maximum of $150,000 per year for two years; OR A maximum of $100,000 per year for three years.

**Additional Details**

**Internal HRS Deadline: October 22, 2018**
**Sponsor Deadline: November 5, 2018**

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**2019 PSI Research Trainee Fellowship Competition**

The primary aim of this fellowship is to provide highly qualified Medical Doctors (M.D.) with clinically applicable research training opportunities and support.

**Funding Details:** A maximum of $25,000 per year for two (2) years.
Weston Brain Institute Rapid Response: Canada 2019 (Parkinson’s & Related Diseases)

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

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

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.

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

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

Funding Details: $500,000 over 5 years

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

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

Funding Details: Projects will be funded up to a maximum of $200,000/year and require 1:1 matching. All projects must be completed within 2 years (24 months).
Leukemia & Lymphoma Society: Specialized Centre of Research Program
LLS’s Specialized Center of Research (SCOR) grant program is intended to bring together established investigators from one or several institutions to develop a focused research program, foster new interactions and cooperation, and enhance interdisciplinary research among the participants. The overall goal of this mechanism is to enhance the development of innovative strategies for the treatment, diagnosis or prevention of hematological malignancies. Strategies that move discoveries from the bench to the clinic are of high importance as are integrated translational projects.

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

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

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

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

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

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

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

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

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

Funding Details: $60,000 per year, prorated at $5,000 per month to fit shorter travel and specific project needs
Weston Brain Institute Big Ideas: Canada
The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting hypothesis driven, high-risk, high-reward translational research projects of up to $1.5m. Based on success of previous programs, the Institute is expanding our support to new formats while maintaining the same mandate of accelerating the developments of therapeutics for neurodegenerative diseases of aging through translational research. One format they are considering is supporting a large-scale research effort that would provide ~$5-20m over ~5 years in support of a large project(s). With this call, the Institute aims to identify highly impactful ideas for consideration.

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

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

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

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*

### TalentEdge Internship Program (TIP)

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

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

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

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

**Funding Details:** Each 12-month fellowship is valued at $85,000 as follows
- $35,000 contribution from OCE
- $25,000 company cash contribution
- $25,000 company in-kind contribution

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

The goal of the FY18 TSCRP is to fund exploratory, pioneering and transformative science that promotes discoveries in TSC, from mechanistic insights to clinical application, by supporting new ideas and investigators for the benefit of Service members, their beneficiaries, and the American public. Within this context, the FY18 TSCRP encourages applications that address the critical needs of the TSC community in one or more of the following FY18 Focus Areas:
- Gaining a deeper knowledge of TSC signaling pathways and the cellular consequences of TSC deficiency
- Improving TSC disease models
- Examining the clinical aspects of TSC, including phenotypic heterogeneity
- Facilitating therapeutics, biomarkers, and clinical trials research

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

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

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**Additional Details**

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

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

**Sponsor Deadline:** August 2, 2018

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

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

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

**Funding Details:**

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

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

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

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

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

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**Additional Details**

**LOI Deadline:** July 26, 2018 *(A Pre-application is required and must be submitted through eBRAP)*
Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2018

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

Funding Details:
- **Clinical Development Award** – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years. Funding is increased to $800,000 for direct costs with a qualified nested Early Career Investigator.
- **Omic Consortium Development Award** – Maximum funding of $400,000 for direct and indirect costs for a maximum of 2 years.
- **Ovarian Cancer Academy Award** – Early-Career Investigator – Maximum funding of $725,000 for direct and indirect costs for a maximum of 4 years.

**Additional Details**
LOI Deadline: **July 25, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **August 1, 2018**
Sponsor Deadline: **August 8, 2018**

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

The Joint Program Committee-1/Medical Simulation and Information Sciences (JPC-1/MSIS) Research Program plans, coordinates, and oversees a science and technology program focused on improving military medical training and education through medical modeling and simulation systems addressing combat casualty training, medical readiness, health focused initiatives, and developer tools for medical educators as well as improving health information sciences through increased interoperability, strategic planning, process development, and medical applications.

Funding Details:
- **FY18 Trauma Resiliency Immersive Adaptive Gaming Environment Award** - Anticipated that budgets will not exceed $1.3 million in total costs • Period of performance not to exceed 18 months.

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

Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2018

The PRMRP is committed to funding research that has the potential to profoundly impact the development and implementation of medical devices, drugs, and clinical guidance that will enhance the precision and efficacy of prevention, diagnosis, and treatment across a wide range of disciplines including cardiovascular health, autoimmune diseases and immunology, infectious diseases, internal medicine, neurological and psychological health, orthopedic and regenerative medicine, and respiratory health and injury. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Focused Program Award** – Maximum funding of $10 million for total costs (includes direct and indirect costs) for a maximum of 4 years.
LOI Deadline: **June 19, 2018** (A Pre-application is required and must be submitted through eBRAP)

Internal HRS Deadline: **September 6, 2018**

Sponsor Deadline: **September 20, 2018**

**Funding Details:**

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

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

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

Sponsor Deadline: **September 27, 2018**

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

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

**Funding Details:**

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

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

Internal HRS Deadline: **July 25, 2018**

Sponsor Deadline: **August 8, 2018**

**Funding Details:**

- **Idea Development Award** – Maximum funding of $400,000 in direct costs (plus indirect costs). Maximum period of performance is 2 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **Physician Research Award** – Maximum funding of $200,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **Technology Development Award** - Maximum funding of $300,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

- **Translational Research Partnership Award** - Maximum funding of $600,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

LOI Deadline: **September 5, 2018** (A Pre-application is required and must be submitted through eBRAP)

Internal HRS Deadline: **September 12, 2018**

Sponsor Deadline: **September 26, 2018**

Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018

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

**Funding Details:**

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

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

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

Sponsor Deadline: **August 9, 2018**
**Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018**

The Department of Defense has released 4 new funding opportunities for their Peer Reviewed Cancer Research Program. Please see [Additional Details](#) link for further information. Please note respective deadlines for each award.

**Funding Details:**
- **Impact Award** – Maximum funding for the entire period of performance is $1,000,000 in direct costs (plus indirect costs). Maximum period of performance is 3 years.
- **Idea Award with Special Focus** – Maximum funding for the entire period of performance is $400,000 in direct costs (plus indirect costs). Maximum period of performance is 2 years.
- **Translational Team Science Award** – Maximum funding for the entire period of performance is $1,000,000 for direct costs (plus indirect costs). Maximum performance is 4 years.

**LOI Deadline:** *June 20, 2018* (A Pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** *September 12, 2018*

**Sponsor Deadline:** *September 26, 2018*

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

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

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

**Additional Details**

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

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

**Sponsor Deadline:** September 27, 2018

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

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

**Funding Details:**

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

**Additional Details**

**LOI Deadline:** July 5, 2018 (A pre-application is required and must be submitted through eBRAP)

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

**Sponsor Deadline:** October 4, 2018

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

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

**Funding Details:**

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

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

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

**Sponsor Deadline:** October 4, 2018

**Funding Details:**

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

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

Department of Defense Amyotrophic Lateral Sclerosis Research Program (ALSRP) Funding Opportunities for Fiscal Year 2018
As directed by the Office of the Assistant Secretary of Defense for Health Affairs, the Defense Health Agency (DHA), J9 Research and Development Directorate manages the Defense Health Program (DHP) Research, Development, Test and Evaluation (RDT&E) appropriation. The managing agent for the anticipated Program Announcements/Funding Opportunities is the Congressionally Directed Medical Research Programs (CDMRP).
The mission of the ALSRP is to fund innovative pre-clinical research to develop new treatments for ALS for the benefit of Service members, Veterans, and the general public.

Funding Details:
- Therapeutic Development Award – Maximum funding of $1M for direct costs for the standard award. Maximum funding of $1,250,000 for direct costs for submissions under the Therapeutically Relevant Marker Option. Maximum period of performance is 2 years.
- Therapeutic Idea Award – Maximum funding of $500,000 for direct costs for a maximum period of performance of 2 years.

Additional Details
LOI Deadline: June 22, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 27, 2018
Sponsor Deadline: October 11, 2018

Department of Defense Spinal Cord Injury Research Program (SCIRP) Funding Opportunities for Fiscal Year 2018
Spinal cord injuries (SCI) are serious and complex neurotraumatic wounds affecting military service members serving in Iraq and Afghanistan. The SCIRP was established by Congress in FY09 with a $35 million appropriation to support research into regenerating/repairing damaged spinal cords and improving rehabilitation therapies. From FY10-15, Congress appropriated an additional $122.85 million to continue this research. The SCIRP focuses its funding on innovative projects that have the potential to make a significant impact on improving the function, wellness, and overall quality of life for military service members as well as their caregivers, families, and the American public.

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

Additional Details
LOI Deadline: July 9, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 1, 2018
Sponsor Deadline: October 15, 2018
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**

Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018

The objective of the FY18 BMFRP is to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF diseases and their progressions to other...
malignancies, such as leukemia, are acceptable. However, research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

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

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

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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

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**Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018**

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

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

**Additional Details**
- **LOI Deadline:** July 13, 2018 (A pre-application is required and must be submitted through eBRAP)
- **Internal HRS Deadline:** October 25, 2018
- **Sponsor Deadline:** November 8, 2018
Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2018

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

Funding Details:

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

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

**Additional Details**

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

**Internal HRS Deadline:** October 25, 2018

**Sponsor Deadline:** November 8, 2018
In this issue:

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

- **The Faculty of Health Sciences: Request for Infrastructure – Application deadline June 15, 2018**

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Trauma Resiliency Immersive Adaptive Gaming Environment Award – Pre-application deadline June 25, 2018**

- **George Weston Limited and Loblaw Companies Limited: Seeding Food Innovation 2018 Grant – LOI deadline June 27, 2018; Webinars: June 13, 14, 2018**

- **Canadian Institute for Military and Veteran Health Research (CIMVHR): Call for Nominations – Fellowship Initiative – deadline June 29, 2018**

- **CMHC: The National Housing Strategy (NHS) – Research & Innovation Initiatives – Application deadlines June 29, 2018**

- **Alex’s Lemonade Stand Foundation: Familial RUNX1 Research Program – LOI deadline July 2, 2018**

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

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

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

- **Investigating in the Pathogenesis of Infectious Disease (PATH) Award – Pre-proposal deadline July 16, 2018; Conference Calls – June 14, 18, 26, 2018**

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

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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](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](https://pivot.cos.com/session/login). Help.


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

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

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

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

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

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

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

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

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Notify ROADS of Intent to Apply by June 13, 2018; SSHRC Application deadline August 1, 2018

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

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Medical Research Program (PRMRP): Grants – Pre-application deadlines June 14, 19, 2018

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

• CANARIE: Call for Research Data Management Software – Application deadline June 20, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP): Grants – Pre-application deadlines June 20, August 28, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Amyotrophic Lateral Sclerosis Research Program (ALSRP) – Grants – Pre-application deadline June 22, 2018

• Bill & Melinda Gates Foundation, Grand Challenges, Ending the Pandemic Threat: Universal Influenza
• Simons Foundation Autism Research Initiative (SFARI): Genomic Analysis for Autism Risk Variants in SPARK – Notice of Intent deadline June 22, 2018; Application deadline July 27, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Tick-Borne Disease Research Program (TBDRP): Grants - Pre-application deadline June 25, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Multiple Sclerosis Research Program (MSRP): Grants – Pre-application deadline June 26, 2018

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

• BrightFocus Foundation: Macular Degeneration Research Program – Letter of Intent deadline June 26, 2018

• Pay Equity Commission: 2018-2019 Gender Wage Gap Grant Program – Application deadline June 28, 2018

• Elton John Aids Foundation: Open Call for Proposals – Letter of Inquiry deadline June 30, 2018

• Escher Fund for Autism: Grants – Expression of Interest deadline June 30, 2018

• Partnership For clean competition: Research Grants, Pre-Application deadline July 1, November 1, 2018; Micro-Grants – no application deadline

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Autism Research Program (ARP) – Grants – Pre-application deadline July 5, 2018

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

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

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

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

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

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

• Canadian Blood Services: Blood Efficiency Accelerator Award Program – Application deadline July 15, 2018
• World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program – Application deadline July 16, 2018

• Department of Defense, Congressionally Directed Medical Research Programs; FY18 Bone Marrow Failure Research Program (BMFRP): Grant – Pre-application deadline July 16, 2018

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

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

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

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

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

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

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

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


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

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

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

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

• Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.
In this issue:

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

The Faculty of Health Sciences: Request for Infrastructure

The Faculty of Health Sciences has requested applications for funding to replace aging equipment (ex. Hoods, centrifuges, freezers) and to upgrade lab facilities with new equipment. The objective: to support acquisition of equipment that would be difficult to fund through conventional grants and do not meet the mandate for a CFRI JELF.

Value: $10,000 - $30,000

Application Process: Request must be prepared using the FHS Request for Infrastructure form by June 15, 2018 and submitted to hsresadm@mcmaster.ca.

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Trauma Resiliency Immersive Adaptive Gaming Environment Award

The objective of Trauma Resiliency Immersive Adaptive Gaming Environment Award is to: 1) support the development and evaluation of an innovative protocol for virtual immersive gaming interoperable components that will increase medical care provider performance, adaptability, and agility in stress inducing contexts related
to Roles of Care 1-3, 2) seeks a gaming interoperable component that elicits cognitively demanding problem-solving and decision making under high-stress scenarios in order to increase performance, adaptability, and agility.

http://cdmrp.army.mil/funding/jpc1

**Value:** $1.3 million for 18 months.

**Application Process:** The pre-application/pre-proposal deadline for Trauma Resiliency Immersive Adaptive Gaming Environment Award is **June 25, 2018.**

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

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**George Weston Limited and Loblaw Companies Limited: Seeding Food Innovation 2018 Grant**

The objective of the Seeding Food Innovation 2018 Grant is to: provide funding for interdisciplinary research or technology development that may help accelerate solutions to sustainable food challenges. The thematic focus of the grant is in food production, distribution and consumption initiatives, with research outcomes that primarily impacts Canadians, but also delivers key learnings towards issues of global concern.


**Value:** up to $250,000 for up to 2 years.

**Application Process:** The Letter of Intent (LOI) deadline for the Seeding Food Innovation 2018 Grant is **June 27, 2018.**

**Information Webinars:**

June 13, 2018 – 1:00 pm EST

June 14, 2018 – 1:00 pm EST

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

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**Canadian Institute for Military and Veteran Health Research (CIMVHR): Call for Nominations – Fellowship Initiative**

The objective for the CIMVHR Call for Nominations is to recognize fellows leading experts who demonstrate exceptional research advancements within the field of military, Veteran and family health and well-being.

Fellow responsibilities may include:
• Promoting CIMVHR’s mission within communities of researchers and policy makers;
• Inspire participation and leadership in CIMVHR scientific activities;
• Outreach and engagement with researchers and policy makers to extend CIMVHR presence in their region; and
• Encourage development through research networks that will benefit Veterans and military personnel and their families through membership of trainees by attracting new talents to the field.


**Application Process:** The deadline for the CIMVHR Call for Nominations is **June 29, 2018**.

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

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**CMHC: The National Housing Strategy (NHS) – Research & Innovation Initiatives**

CMHC has announced the following funding opportunities:

1) **Solutions Labs Initiatives**, the objective: Solutions Labs will bring experts and housing stakeholders together to rapidly incubate and scale potential solutions to housing pressures. Housing Sector teams with diverse experience and knowledge will be invited to identify housing challenges in key NHS priority areas. Then, they will be asked to propose strategies to co-develop new, world-leading solutions.


**Value:** Up to $500,000 available for this coming year, funding will grow to $3 million in subsequent years.

**Application Process:** The application deadline for the Solution Labs Initiatives is **June 29, 2018**.

2) **NHS Demonstrations Initiative**, the objective: provides a platform to create and disseminate real-world data and information on affordable housing. The Demonstrations showcase innovative technologies, practices, programs, policies and strategies improving the performance, viability and effectiveness of affordable housing projects. Ultimately, fostering a culture of innovation in the affordable housing sector, that will better meet the housing needs of Canadians.


**Value:** There is $500,000 available for the 2018-2019 year. It will grow to $1.5 million in subsequent years. Each demonstration project will range from $25,000 to $250,000 of funding.

**Application Process:** The application deadline for the NHS Demonstrations Initiative is **June 29, 2018**.


**Roads Contact:** Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Alex’s Lemonade Stand Foundation: Familial RUNX1 Research Program

ALSF is committed to creating opportunities for new and innovative research into treatments and cures for childhood cancers. The objective of the Familial RUNX1 Research Program, presented by the Babich family Foundation, is to fund research of particular importance to families affected by familial platelet disorders (FPDs) leading to acute myeloid leukemia (AML) due to germline RUNX1 mutations with the ultimate goal of developing effective therapies to prevent the onset of AML.

https://www.runx1.com/research/grants

Value: Up to $250,000 over two years.

Application Process: The Letter of Intent deadline for the Familial RUNX1 Research Program is July 2, 2018.

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

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

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

GlycoNet Request for Proposal - Cycle II Competition.pdf

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


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

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

The Department of Defense has announced the following awards:

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


Value: maximum $500,000 for up to 3 years.
**Application Process:** The pre-application deadline for the Investigator-Initiated Research Award is **July 9, 2018.**

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


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

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

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


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

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

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

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

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**Leukemia & Lymphoma Society of Canada: Webcast**

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

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

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

Investigating in the Pathogenesis of Infectious Disease (PATH) Award

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


Value: Up to $500,000 over 5 years

Application Process: The Pre-Proposal deadline for the PATH Award is July 16, 2018.

Informational Conference Calls:

Dates: June 14, 2018
Time: 12:00 p.m. Eastern Time
Dial in number for all calls: 1-800-247-5110
Passcode for all calls: BWF

Dates: June 18, 2018
Time: 12:00 p.m. Eastern Time
Dial in number for all calls: 1-800-247-5110
Passcode for all calls: BWF

Dates: June 26, 2018
Time: 12:00 p.m. Eastern Time
Dial in number for all calls: 1-800-247-5110
Passcode for all calls: BWF

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

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

The Department of Defense has announced the following funding opportunities:

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


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

Application Process: The Pre-Proposal deadline for the Transitional Research Award is July 17, 2018.
2) **Focused Research Award (FRA)**, the objective: to support applied research that will advance the diagnosis and treatment of auditory dysfunction where hearing sensitivity may be within normal limits but the individual’s capacity to listen and understand speech is substantially impaired.


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

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

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

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**Autism Speaks: 2018 Treatment Research Grants**

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


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

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

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

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

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

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

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

**Value:** applicants are required to submit an estimate of the total cost of the proposed project, during the given cycle.
Application Process: The National MS Society: Research Grants pre-application deadline is **July 25, 2018.** The application deadline is **August 1, 2018.**

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

3) **Pilot Research Grants,** the objective: to fund high-risk pilot grants to quickly test novel ideas. Funding is provided for one year to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding.

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

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

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

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


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

Application Process: The National MS Society: Harry Weaver Neuroscience Scholar Awards pre-application deadline is **August 8, 2018.** The application deadline is **August 15, 2018.**

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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
CMHC: National Housing Conference – Call for Papers

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

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

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


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

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

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 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)

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


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

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs:
FY18/19 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)

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

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

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

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

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

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

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posed in June 2018.
3) **CTRR – Clinical Trail Development Award (CTRR-CTDA)**, the objective: to support design and development of the necessary research resources that will serve as a foundation for investigator-initiated clinical trials as described above under CTRR – Clinical Trial Award (CTRR-CTA)

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

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


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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program (Pre-Announcement)**

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

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

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

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

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

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

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

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

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

**Funding Level 2:** Maximum of $2.5 million for up to 4 years
Application Process: Pre-Application is required; anticipated application dates and awards information will be posed in June 2018.


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

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

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

1) Concept Award (CA), the objective: supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to reconstructive transplant. Preliminary data are NOT allowed.

Value: Maximum of $200,000 for up to 18 months.

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

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

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

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

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

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

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

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

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

Multiple PI Option: $1.5 million for up to 3 years
**Application Process:** Pre-Proposal is required; **anticipated** application dates and awards information will be posed in **June 2018.**


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

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

The objective of the Connection Grant is to support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. Events and outreach activities funded by this grant may often serve as a first step toward more comprehensive and longer-term projects, potentially eligible for funding through other SSHRC funding opportunities.

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

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

a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;
c) intersectoral exchanges between academic researchers in the humanities and social sciences, and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
d) international research collaboration and scholarly exchanges between researchers, students and non-academic partners from other countries.

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


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

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

Application process:
Notify ROADS of Intent to Apply by June 13, 2018. The initial draft of the application and letters of support are due to ROADS by July 3, 2018. The final draft and a completed and signed Application Approval Form are due to ROADS by July 24, 2018. The SSHRC application deadline is August 1, 2018.
**Weston Brain Institute: Grants**

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

1) **Rapid Response: Canada 2019**, the objective: to provide seed funding to support novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging.

   Focus, *Parkinson’s and Related Diseases*: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; multiple system atrophy; prodromes; vascular contributions.

   All projects must involve the development of a therapeutic, and/or tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging. Preliminary data is not required.

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

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

2) **Transformational Research: Canada 2019**, the objective: to fund transformative, novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging, with excellent preliminary data.

   Focus, *Parkinson’s and Related Diseases*: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; multiple system atrophy; prodromes; vascular contributions.

   All projects must involve the development of a therapeutic and/or tool, and/or complementary approaches to accelerate the development of therapeutics for neurodegenerative diseases of aging.

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

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

**Information Webinar**

**June 14, 2018**, 1:00-2:00pm EDT


**Application process**:

The Weston Brain Institute letter of intent deadline is **August 1, 2018**.

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Medical Research Program (PRMRP): Grants

The DoD PRMRP has recently announced the following funding opportunities:

1) **Discovery Award**, the objective: to support innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications in at least one of the **Topic Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRMRP-DA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRMRP-DA.pdf). Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on a sound scientific rationale and study design.

**Value**: $200,000 over 18 months

**Application process**: The DoD pre-application deadline is **June 14, 2018**. The application deadline is **June 28, 2018**.

2) **Focused Program Award**, the objective: to optimize research and accelerate the solution for a critical question related to at least one of the Congressionally directed **Topic Areas** through a synergistic, multidisciplinary research program.


**Value**: $10 million over 4 years

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

**Announcement site**: [http://cdmrp.army.mil/funding/prmrp](http://cdmrp.army.mil/funding/prmrp)

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

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

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

Applicants to the Discovery Grants Program must apply with a program of research that is eligible under NSERC’s mandate (i.e., to promote and assist research in the natural sciences and engineering, other than health). review **Addendum to the guidelines for the eligibility of applications related to health**, at [http://www.nserc-crsng.gc.ca/NSERC-CRSNG/policies-politiques/Addendum-Addenda_eng.asp](http://www.nserc-crsng.gc.ca/NSERC-CRSNG/policies-politiques/Addendum-Addenda_eng.asp)

[http://nserc.ca/Professors-Professeurs/Grants-Subs/DGIgp-PSIGP_eng.asp](http://nserc.ca/Professors-Professeurs/Grants-Subs/DGIgp-PSIGP_eng.asp)
**Webinars and Information Session**

NSERC will host Discovery Grants webinars on the following dates:

Dates, time, link: **June 19 and July 12, 2018**, 1:00-3:00pm,

https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/

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

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

2) NSERC Subatomic Physics Discovery Grant (SAP-DG) – 2019 Competition

The objective of the *SAP-DG* Program is to assist in:

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

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


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

**Value:**
Applicants submit a budget.

*Individual*: maximum 5 years

*Project*: maximum 3 years

**Application process:**
The NSERC SAP notification of intent (NOI) deadline is **August 1, 2018** for SAP-DG, SAP-MRS, and Category 2 or 3 SAP-RTI grant applications.

The SAP NOI is mandatory. Researchers who do not submit a SAP NOI cannot submit a full application in the Fall.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at [coschimn@mcmaster.ca](mailto:coschimn@mcmaster.ca) or extension 21581
CANARIE: Call for Research Data Management Software

CANARIE funds and promotes reusable research software tools and national research data management initiatives to:

. accelerate discovery;
. provide identity management services to the academic community;
. offer advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

The objective of the Call is to support 1) the development of research data management (RDM) software tools that encourages the adoption of RDM best practices, specifically, the *FAIR Principles* which state that research data should be *Findable, Accessible, Interoperable and Reusable*, and 2) a strong RDM ecosystem in Canada.

Eight themes were identified as priority areas:

. Enriching (Meta)Data and Discovery
. Federated Repositories/Interoperability
. Domain-specific Repositories
. Data Deposit and Curation
. Preservation
. Persistent IDs/Citability
. Data Access and Analytics
. Data Privacy and Security

The tools developed through this Call are intended to enable compliance with evolving policy guidelines and international data management standards.

[https://www.canarie.ca/rdm/funding-information-rdm-call-1/](https://www.canarie.ca/rdm/funding-information-rdm-call-1/)

**Value:**
maximum $2.7 million over 18 months

There is no limit on individual funding requests. Funding will cover only labour costs for software development and related activities.


**Application process:**

The CANARIE application deadline is **June 20, 2018**.

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

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Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP): Grants

The DoD has recently announced the following PRCRP funding opportunities:
1) **Impact Award**, the objective: to support hypothesis-driven, high-impact research. The PRCRP seeks to build foundations for finding cures in under-funded, under-studied, and/or lethal militarily relevant cancer areas. Important factors under consideration will be continuity of research, clinical applicability, leveraging of clinical samples and trials. Review *Topic and Military Relevance Focus Areas*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-IPA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRCRP-IPA.pdf)

**Value:** maximum $1,000,000 over 3 years  
**Application process:** The DoD pre-application deadline is **June 20, 2018**.

2) **Idea Award with Special Focus**, the objective: to support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms, and/or methods in cancer research that are relevant to active duty Service members, Veterans, other military beneficiaries, and the American public. Review *Topic and Military Relevance Focus Areas* pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-IASF.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRCRP-IASF.pdf)

**Value:** maximum $400,000 over 2 years  
**Application process:** The DoD pre-application deadline is **June 20, 2018**.

3) **Translational Team Science Award**, the objective: to support hypothesis-driven translational studies. The studies should be associated with a clinical trial and/or existing annotated biorepositories. The proposed project should focus on research for the next-phase clinical trial, or future clinical application. Review *Topic and Military Relevance Focus Areas* pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-TTSA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRCRP-TTSA.pdf)

**Value:** maximum $1,000,000 over 4 years  
**Application process:** The DoD pre-application deadline is **June 20, 2018**.

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

**Value:** maximum $360,000 over 3 years  
**Application process:** The DoD pre-application deadline is **August 28, 2018**. The application deadline is **September 26, 2018**.

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

**ROADS contact:**  
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
The DoD ALSRP has recently announced the following funding opportunities:

1) **Therapeutic Development Award**, the objective: to support research ranging from validation of therapeutic leads to U.S. Food and Drug Administration (FDA) Investigational New Drug (IND)-enabling studies. The proposed studies are expected to be empirical in nature and product-driven.

Examples of activities that will be supported by this award include:

- confirmation of candidate therapeutics obtained from screening or by other means, including optimization of potency and pharmacological properties, and testing of derivatives and sister compounds;
- validation of early pilot studies, including the use of multiple ALS model systems and/or replicating preliminary data, with more time points or additional doses;
- studies on formulation and stability leading to Good Manufacturing Practice production methods;
- IND-enabling studies to include compound characterization, absorption, distribution, metabolism and excretion studies, and dose/response and toxicology studies in relevant model systems.

Additional funding is being offered for the co-development of markers that will enhance the drug development process. Review **Therapeutically Relevant Marker Option**, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf)

**Value:**
maximum $1 million; **Therapeutically Relevant Marker Option** $1,250,000 over 2 years

2) **Therapeutic Idea Award**, the objective: to promote new ideas aimed at drug or treatment discovery that are still in the early stages of development. Development and/or modification of preclinical model systems, or the application of high-throughput screens to define or assess lead compounds for ALS treatment, are of interest. Development of methods to adequately measure target binding and proximal downstream effects (target engagement), and the potential for undesirable activities at related but unintended targets (selectivity), are also encouraged.

Additional funding is being offered for the co-development of markers that will enhance the drug development process. Review **Therapeutically Relevant Marker Option**, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf)

**Value:**
maximum $500,000 over 2 years

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

**Application process:**
The DoD pre-application deadline is **June 22, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Bill & Melinda Gates Foundation, Grand Challenges, Ending the Pandemic Threat: Universal Influenza Vaccine Development Grand Challenge

The objective of this Grand Challenge is to identify novel, transformative concepts that will lead to development of universal influenza vaccines that 1) offer protection from morbidity and mortality caused by all subtypes of circulating and emerging (drifted and shifted) Influenza A subtype viruses, and Influenza B lineage viruses, for at least three to five years, and 2) address the threat from both seasonal and pandemic influenza.

The Foundation seeks to fund

- ideas that are bold and innovative that bring novel approaches into products ready for human clinical trials;
- interdisciplinary collaboration and cross-fertilization of ideas from outside the traditional influenza research community.


Value:
Pilot Awards, $250,000 up to $2 million USD over 2 years

Application process:
The Bill & Melinda Gates Foundation application deadline is June 22, 2018.

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


The objective of this funding opportunity is to 1) advance our understanding of the genetic basis of autism, and 2) analyze genomic data in innovative ways from thousands of SPARK families.


Value: in the range of $100,000 (direct costs) for 18 months


ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Department of Defense (DoD), Congressionally Directed Medical Research Programs: 
FY18 Tick-Borne Disease Research Program (TBDRP) - Grants

The DoD TBDRP has recently announced the following funding opportunities:

1) **Career Development Award**, the objective: 1) to support independent, early-career investigators (i.e., within 10 years of completion of his/her terminal degree at the time of application), and 2) to conduct impactful research, with an emphasis on discovery, with the mentorship of an experienced tick-borne diseases researcher. Review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-CDA.pdf)

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

**Application process**: The DoD letter of intent deadline is **June 25, 2018**. The application deadline is **September 27, 2018**.

2) **Idea Award**, the objective: 1) to support conceptually innovative, high-risk/potentially high-reward research in the early stages of development that could lead to critical discoveries or major advancements 2) accelerate progress in improving outcomes for individuals affected by Lyme disease and/or other tick-borne illnesses. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. Review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IA.pdf)

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

**Application process**: The DoD pre-application deadline is **June 25, 2018**.

3) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact studies that have the potential to make important contributions to Lyme disease and other tick-borne diseases research, patient care and/or quality of life. The award promotes a wide range of research from 1) basic through translational, including preclinical studies in animal models or human subjects, 2) correlative studies, associated with an existing clinical trial, to establish proof-of-principle for further development in future studies. Review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IIRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IIRA.pdf)

**Value**: maximum $650,000 over a maximum 3 years

**Application process**: The DoD pre-application deadline is **June 25, 2018**.

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: 
FY18 Multiple Sclerosis Research Program (MSRP): Grants

The DoD has recently announced the following MSRP funding opportunities:

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

**Value**: maximum $600,000 over 3 years

2) **Explorations-Hypothesis Development Award**, the objective: to support the initial exploration of innovative,
high-risk, high-gain, and potentially groundbreaking concepts in the MS research field. The proposed project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.


**Value**: maximum $150,000 over 2 years


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

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Lung Cancer Research Program (LCRP): Grants**

The DoD has recently announced the following LCRP funding opportunities:

1) **Idea Development Award**, the objective: to promote new ideas that are still in the early stages of development and have the potential to yield impactful data, and new avenues of investigation. The award supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries, or major advancements, that will accelerate progress toward eradicating deaths and suffering from lung cancer.

The award encourages applications from independent investigators in the early stages of their careers (i.e., within 10 years of their first faculty appointment, or equivalent). Submissions from and partnerships with investigators at DoD military treatment facilities and laboratories, and Department of Veterans Affairs medical centers and research laboratories, are strongly encouraged. 


**Value**: maximum $350,000 over 2 years

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

2) **Investigator Initiated Translational Research Award**, the objective: to support translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care. 


**Value**: maximum $400,000 over 2 years

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

3) **Translational Research Partnership Award**, the objective: to support partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in lung cancer into clinical applications. In addition, one partner in the collaboration is **strongly encouraged** to be an active duty Service
member or Federal employee from a DoD military treatment facility or laboratory, or a Department of Veterans
Affairs medical center or research laboratory.
review Areas of Emphasis, pages 3-4 and review a broad range of translational studies page 4 at

Value: maximum $900,000 over 3 years
Application process: The DoD pre-application deadline is June 26, 2018.

4) Concept Award, the objective: to support the exploration of a highly innovative, new concept, or untested theory that addresses an important problem relevant to lung cancer.
Investigators are strongly encouraged to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 4 at http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf

Value: maximum $100,000 over 1 year
Application process: The DoD pre-application deadline is July 26, 2018. The application deadline is August 9, 2018.

5) 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

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

BrightFocus Foundation: Macular Degeneration Research Program

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

https://www.brightfocus.org/grants/types-grants

Value: maximum $200,000 USD over 2 years
Application process: The BrightFocus Foundation letter of intent deadline is June 26, 2018.

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

Pay Equity Commission: 2018-2019 Gender Wage Gap Grant Program

The objective of the Gender Wage Gap Grant Program is to 1) advance actions to promote equality between women and men that support efforts to close Ontario’s gender wage gap, 2) support the Government’s priority of economic growth (i.e., adding to our understanding of the gender wage gap and how the earning potential of Ontario’s working women can be maximized), and 3) benefit working families, the labour force in general, and overall economic productivity.

Priority areas:

a) Actions/Research exploring gender wage gap and pay equity issues for members of racial and ethnic minorities, immigrants, and youth.
   sample of activities/research: comparative analysis of trends in addressing gender-based pay discrimination in identified groups

b) Actions/Research exploring compensation issues and gender inequality in Ontario's emerging workplace conditions.
   sample of activities/research: intersectional factors; exploring comparative awards for executives, total compensation packages, and quantifying compensation practices (e.g., flex-time)

http://www.payequity.gov.on.ca/en/GWG/Pages/grant_program.aspx

Value:
The total amount of funding for this grant program is $50,000.
Applicants must submit a budget for project duration of May 11, 2018 to March 27, 2019.

Application process:
The Pay Equity Commission application deadline is June 28, 2018.

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

Elton John Aids Foundation (EJAF): Open Call for Proposals

The objective of the Open Call for Proposals is to support 1) any organization working to address HIV and AIDS, and 2) organizations working toward one or more of the following goals:

Wellness: Improving the health of people living with HIV or at risk, or otherwise affected by HIV
. Rights: Upholding the rights of people living with and affected by HIV
. Quality of Life: addressing the social and economic needs of people living with and affected by HIV
. Resilience: strengthening the skills and strategies of organizations and activists addressing HIV

The EJAF values programs that:

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

The EJAF will prioritize grants to organizations working with one or more key affected populations, listed at [http://newyork.ejaf.org/how-to-request-funding-4/](http://newyork.ejaf.org/how-to-request-funding-4/).

This year, the EJAF has released a special request for proposals for projects focused on addressing the *HIV-related needs of Transgender People and Black Gay, Bisexual, same gender loving Men*.

Only one application per organization will be accepted.

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

Application process:
The EJAF letter of inquiry deadline is **June 30, 2018**.

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

**Escher Fund for Autism: Grants**

The Escher Fund for Autism promotes science education and research projects in non-genetic inheritance to examine how toxicants such as drug, smoking, and chemical exposures can disrupt germline on a molecular level, and increase risk for neurodevelopmental disorders in offspring.

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

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

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

http://www.germlineexposures.org/grants.html

**Value**: maximum 25,000

**Application process**: The Escher Fund for Autism expression of interest deadline is **June 30, 2018**.

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

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**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/

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**: **Research Grants**: $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.

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

**Application process**: The PCC **Research Grants** pre-application deadline is **July 1, 2018** (and **November 1, 2018**). The PCC accepts **Micro-Grant** requests **year-round**.

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Autism Research Program (ARP) – Grants

The DoD ARP has recently announced the following funding opportunity:

**Idea Development Award**, the objective: 1) to support the development of innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements, 2) to support innovative ideas with the potential to yield impactful data and new avenues of investigation, and 3) to accelerate progress in improving outcomes for individuals with autism spectrum disorder (ASD).

The DoD seeks applications from all areas of basic and preclinical research, and strongly encourages applications that address the critical needs of the ASD community.


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

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

**Application process:**
The DoD pre-application deadline is **July 5, 2018**.

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

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

The DoD PCRP has recently announced the following funding opportunities:

1) **Idea Development Award**, the objective: to support new ideas that represent innovative approaches to prostate cancer research.

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

**Value:** maximum $600,000 over a maximum 3 years

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

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

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

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

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

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


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

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

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

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at **viscaryl@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)

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

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

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

[https://www.tinker.org/content-institutional-grants](https://www.tinker.org/content-institutional-grants)
Value: Applicants submit a budget and estimate the duration of their project.

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

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

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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 **July 10, 2018.**

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

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Department of Defense (DoD), Congressionally Directed Medical Research Programs:
FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants
The DoD TSCRP has recently announced the following funding opportunities:

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

**Value**: maximum $100,000 over a maximum 2 years  
**Application process**: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

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

**Value**: maximum $450,000 over a maximum 3 years  
**Application process**: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

**announcement site**: [http://cdmrp.army.mil/funding/tscrp](http://cdmrp.army.mil/funding/tscrp)  
**ROADS contact**:  
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

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

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

Applications will be considered in the following areas:

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

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

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

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

The DoD has recently announced the following GWIRP funding opportunities:

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


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

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

   **Value:**
   - **Tier 1 – Discovery**, maximum $250,000 over 2 years; **Discovery with Biorepository Contribution Option**: $266,000
   - **Tier 2 – Applied Research**, maximum $700,000 over 3 years; **Applied Research with Biorepository Contribution Option**: $716,000

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

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

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

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

   **Application process:**
   The DoD pre-application deadline is **July 13, 2018**.
Canadian Blood Services: Blood Efficiency Accelerator Award Program

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

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

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


announcement website: https://blood.ca/en/research/funding-programs

Value:
maximum $30,000 for 1 year

The funds may be used for trainee stipends, research staff salaries (e.g., research assistants, technicians, etc.), consultant and services fees, expendable materials and supplies, the purchase and maintenance of experimental animals, project team collaborative and networking activities (e.g., team meetings, conference calls, travel), and knowledge dissemination activities (e.g., publication costs). The purchase of small items of equipment is permissible, however, the maximum that can be spent on equipment is $8,500 (exclusive of applicable taxes).

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

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

World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program

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

WADA-supported research requires that anti-doping education programs and initiatives are grounded in scientific knowledge and evidence. All proposals, regardless of topic, should provide a strong rationale underpinned by a sound appraisal of the evidence base.
Proposals are invited for research that specifically “measures the effectiveness of existing anti-doping strategies and interventions”. Applicants must clearly demonstrate how the results of the proposed research have the potential to inform the development of effective doping prevention programs.

The WADA seeks to expand the portfolio of social science research to include a diverse range encompassing, amongst other things:

- work based on single social science disciplines;
- research which combines disciplinary approaches;
- research focused on advancing scientific theory; and
- research aimed principally at developing practical applications.

Proposals that demonstrate partnerships and collaboration between research institutions and anti-doping organizations will be looked upon favorably. Similarly, interdisciplinary proposals drawing from multiple social science fields (e.g., sociology, psychology, law, economics, and management science) are encouraged. Extra weighting will also be given to projects involving more than one country.

https://www.wada-ama.org/en/social-science-research and

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

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

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

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

The DoD has recently announced the following BMFRP funding opportunity:

**Idea Development Award**, the objective: to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF.

Studies focused on BMF diseases and their progressions to other malignancies such as leukemia, are acceptable. Research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

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

Value:
maximum $325,000 over 2 years

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

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

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

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


A webinar was scheduled May 24, 2018. To receive the webinar slides and a questions and answers document, email support@cihr-irsc.gc.ca.

Value:
maximum $200,000 for a maximum 18 months
review Funds Available at https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10868&language=E&fodAgency=CIHR&view=browseArchive&browseArc=true&org=CIHR

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

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants

The DoD OCRP has recently announced the following funding opportunities:

1) **Clinical Development Award**, the objective: to support the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life. Near-term clinical impact is expected. Proof of concept demonstrating the potential utility of the proposed product, or a prototype/preliminary version of the proposed product should already be established.


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

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

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

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


   **Value**: maximum $400,000 over 2 years

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

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


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

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

**Announcement site**: [http://cdmrp.army.mil/funding/ocrp](http://cdmrp.army.mil/funding/ocrp)

**ROADS contact**:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants

The DoD NFRP has recently announced the following funding opportunities:

1) **Exploration-Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in NF research. Innovative research may introduce a novel paradigm, challenge existing paradigms, examine existing problems from novel perspectives, or exhibit other highly creative qualities. All studies are expected to lay the groundwork for future avenues of scientific investigation. The presentation of preliminary and/or published data is encouraged, but not required. 

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

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

2) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to NF research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data.

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

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

3) **New Investigator Award**, the objective: to support the continued development of promising independent investigators and/or the transition of established investigators, from other research fields, into a career in the field of NF research. Prior experience in NF research is not required, however, Principal Investigators with a limited background in NF research are strongly encouraged to have a collaborator who is experienced in the NF field.

Research projects may focus on any phase of research, excluding clinical trials. Applications must include preliminary and/or published data.

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

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

4) **Early Investigator Research Award**, the objective: to support NF-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor(s).


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

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

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

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Harry Frank Guggenheim Foundation: Research Grants

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

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

The highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. Review Research Priorities at http://hfg.org/rp/youth.htm

http://hfg.org/

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

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

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

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).

http://conserversociety.ca/funds/ed-smee-fund/

Value:
Requests of up to $4,500 will be considered for 2018.
Application process:
The Conserver Society of Hamilton and District Inc. notice of interest deadline is August 30, 2018.

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

John Templeton Foundation: Grants

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

Core Funding Areas:

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

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

The Foundation has announced two grant types: Small; Large

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

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

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

**Louisville Institute – Grants**

The Louisville Institute has recently announced the following funding opportunities:

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

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

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

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

ROADS contact:
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

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

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

The objective of the *ICLR Quick Response Program* is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data.

The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

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

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

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

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

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

**Application process:**
The ICLR will accept applications at all times.

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

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**Shastri Indo-Canadian Institute (SICI): Grants**

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

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

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

**Application Process:**
Applications can be submitted throughout the year.

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

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

**Application Process:**
Applications can be submitted throughout the year.
3) **SICI Membership Development Fund (SMDF) 2017-18**, the objective: to publicize and promote SICI mandates, as well as programs and grants offered by SICI Canada and India offices, to its Canadian Members Council Institutions to 1) enable faculty, student and staff of his /her institution to apply, and 2) receive the benefits of being active members of the SICI.


**Value:**
Each Canadian member institution will receive up to $500 CND.

**Application Process:**
Applications can be submitted *throughout the year*.

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

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

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

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


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

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

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

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**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

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**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