Week of July 6, 2018

Dear colleagues,

Please find below this week’s updates:

- Congratulations to Dr. Alison Fox-Robichaud who has won an individual award from the Global Sepsis Alliance. This is a great honour and reflects Alison’s commitment and contributions to sepsis care, from bench to bedside. Further details can be found [here](#).

- Please find attached the July 6 issue of the HRS Funding Opportunities bulletin.

- Please find attached the July 6 issue of the ROADS Funding Opportunities bulletin.

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

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
News & Events

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

**When:** July 31, 2018 9:00am – 10:00

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

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

Register [HERE](#)

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

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

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

Anyone interested in submitting an IF application must meet with me to discuss:

- the excellence, innovation and viability of the proposed research program;
- the need for additional infrastructure;
- eligibility and fit with the Innovation Fund mandate;
- the planned location for this project and the plan for sustainability.

To schedule a meeting, please contact Jenn Seager, ext. 22184; [seagerj@mcmaster.ca](mailto:seagerj@mcmaster.ca)

For any programmatic questions, please contact Tracy Arabski, Director Health Research Services; ext. 22515; [arabski@mcmaster.ca](mailto:arabski@mcmaster.ca)

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

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

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

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

**Additional Details**

**Internal HRS Deadline:** August 7, 2018  
**Sponsor Deadline:** August 21, 2018

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**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

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

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

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

**Additional Details**

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

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

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

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

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

CIHR Catalyst Grant: Analysis of CLSA Data

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

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

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

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

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

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

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

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

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

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

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

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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.
CIHR – Prize: IHDCYH Talks (2018)

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

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

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

CIHR – Team Grant: HIV/AIDS Biomedical and Clinical Research

The Team Grant: HIV/AIDS Biomedical Clinical Research funding opportunity is expected to contribute to the global search for a safe and effective cure for HIV, and to develop prevention strategies and tools. The specific objectives of this funding opportunity are to:

- transform HIV biomedical and clinical research in Canada into a collaborative, interdisciplinary model of knowledge creation and application through the funding of innovative research programs;
- create an inclusive and sustainable pipeline of HIV research capacity from across disciplines, sectors, and perspectives (e.g., HIV basic scientists, clinical investigators, knowledge users and/or community members [people living with HIV]);
- effectively translate knowledge into clinical and/or commercial applications which contribute to the design, development and evaluation of research strategies; and
- create a critical mass of technical and scientific expertise in Canada that engages meaningfully with one another and with relevant national stakeholders, and participates in international research efforts.

Funding Details: The total amount available for this funding opportunity is $20,000,000, enough to fund approximately 6 grants.

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

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

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

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

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

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

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

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

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

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

**Additional Details**

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

**Call for Research Proposals: Rapid Research Fund for Ebola Virus Disease Outbreaks**

The International Development Research Centre (IDRC), Canadian Institutes of Health Research (CIHR), and Social Sciences and Humanities Research Council of Canada (SSHRC) are pleased to announce the Rapid Research Fund for Ebola competitive Call. The Rapid Research Fund (RRF) for Ebola Virus Disease Outbreaks is intended to support social sciences, humanities, public health and/or health systems research aimed at more effectively containing the current Ebola outbreak in the Democratic Republic of Congo (DRC), as well as potential future outbreaks, more readily. A minimum of four successful teams will be eligible to receive research grants up to $360,000 CAD over two years (2018–2020). The focus of the supported research will be to inform the response to the current Ebola outbreak in DRC, with the aim of improving prevention and preparedness efforts to future Ebola or similarly significant infectious disease outbreak threats in the region. Projects must be focused on addressing challenges related to the current Ebola outbreak in the DRC, and/or risks of extension to the surrounding region. Proposals should apply social science, humanities, population and public health, and/or health services research approaches that build on previous learnings, and/or respond to documented knowledge and practice gaps, to build capacity for more effective outbreak response, containment, and mitigation efforts. The proposal must also justify the use of Rapid Research funds, detailing how the same research success and impact would not be achieved through traditional, less time-sensitive funding sources.

**Funding Details:** CAD $1.5 Million (up to $360,000 CAD per project) over 2 years.

**Additional Details**

- Notify ROADS of Intent to Apply: ASAP
- Draft Application due to ROADS: ASAP
- Final Application due to ROADS: July 9, 2018
- Sponsor Deadline: July 13, 2018
- *To Apply, contact Virginia Viscardi, Senior Advisor, ROADS, at viscarvl@mcmaster.ca or ext. 24519*

**National Multiple Sclerosis Society: Research Grants**

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

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

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

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

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

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

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

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

National Multiple Sclerosis Society: Collaborative MS Research Centers

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

Funding Details: Applicants are required to submit an estimate of the total cost of the proposed project for the first year and to the extent possible for subsequent years, with a maximum of $150,000 per year for a 5 year term.
American Urological Association: 2019 Urology Care Foundation Research Scholar Award
Urology Care Foundation Research Scholar Awards support future research leaders and ensure they receive the necessary training and guidance for a successful research career. Initiated in 1975, these awards provide funding for one- and two-year mentored research training for clinical and postdoctoral fellows or early-career faculty. To date, the program has invested over $25 million to support over 600 Research Scholars, most of whom have remained in committed research career tracks and now serve as leaders in urologic research and clinical practice. Physician scientists (MD or equivalent degree) and researchers (PhD or equivalent degree) are invited to apply. Awards provide $40,000 per year for one or two years of support and require intensive involvement of one or more mentors committed to advancing the development of the award recipient.

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

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

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

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

Crohn’s & Colitis Foundation Novel Technologies Initiative
The purpose of this initiative is to support the development of sensor technologies that can be implemented to detect and monitor inflammation in the context of IBD. Proposed technology should meet the following criteria:

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

Funding Details: $125,000 for one year (inclusive of 10% indirect cost)

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.
Natural Sciences and Engineering Research Council of Canada (NSERC) PromoScience Grant

NSERC invites applications that promote the natural sciences and engineering to Canada's young people, particularly to groups such as girls and Indigenous peoples that are under-represented in scientific and engineering careers. PromoScience supports activities and content designed for youth in elementary school, high school, or youth in their first year of college in Quebec, and their teachers, and NSERC has now expanded the eligibility to include activities that will encourage Indigenous undergraduate students to pursue graduate studies in the natural sciences and engineering. NSERC continues to issue a targeted call for applications that focus on resources, tools and professional development for teachers. It is expected that an increased percentage of applications in this area will be supported in consequence. These professional development programs must be outside of accredited courses or degree requirements. Grants may be used to cover improvements to program content or delivery, as well as for new programs and activities. Grants can also be used to cover operational costs, such as salaries, travel, postage, materials and supplies, provided they relate to the promotion of science and engineering. Organizations may request funds for up to three years at a time.

**Funding Details:** NSERC will not fund 100% of the costs of a proposed activity. NSERC’s contribution is generally up to one-third of a program’s funding. The average grant in 2017 was approximately $37,000 per year but grants range from less than $10,000 to over $300,000 per year.

**Additional Details**

Notify ROADS of Intent to Apply: July 23, 2018
Draft Application Due to ROADS: August 20, 2018
Final Application Due to ROADS: September 10, 2018
Sponsor Deadline: September 17, 2018
*To Apply Contact Nathan Coschi, Senior Advisor, Development, ROADS, at coschimn@mcmaster.ca or ext. 21581*

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

The Social Sciences and Humanities Research Council of Canada (SSHRC) is now accepting applications for the Partnership Engage Grants competition. SSHRC has established the following deadlines for Partnership Engage Grant competitions: September 15, December 15, March 15 and June 15. Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. They provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.

**Funding Details:** $7,000 to $25,000 for 1 year.

**Additional Details**

Notify ROADS of Intent to Apply: July 19, 2018
Draft Application Due to ROADS: August 24, 2018
Final Application Due to ROADS: September 10, 2018
Sponsor Deadline: September 17, 2018
*To Apply Contact Christina Pellegrini, Senior Advisor, Development, ROADS, at pellegrc@mcmaster.ca or ext. 27207*

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*

Mind and Life Institute: Francisco J. Varela Research Grants

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

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

Additional Details

Internal HRS Deadline: September 14, 2018
Sponsor Deadline: September 28, 2018

Government of Canada – Strategic Innovation Fund Stream 4

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

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

**Additional Details**

**Mitacs – Career Connect: Internships**

Mitacs Career Connect provides meaningful work experience for young graduates while helping companies find the talent they need to grow their business. We currently have opportunities for projects that aim to protect the environment, create positive environmental outcomes, or address an environmental or climate change-related challenge. Interns must be between 15 and 30 years old, a post-secondary graduate, and a Canadian citizen, permanent resident, or person who has been granted refugee status in Canada. Eligible hiring organizations must support a green project in the science, technology, engineering or math fields.

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

**Additional Details**

**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**

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

These Komen Training and Career Development awards seek to bridge the funding gap faced by faculty as they start their careers in breast cancer research. Grants funded by Komen provide the preparation necessary to compete for independent funding as an established and successful breast cancer researcher.

CCR Grants provide unique opportunities for scientists who have held faculty positions for no more than five years by the Application due date (October 17, 2018). CCR grants provide support for hypothesis-driven research projects that will lead to a reduction in breast cancer deaths by 2026.

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

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

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

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

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

Additional Details

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

Canadian Cancer Society (CCS) Stand Up to Cancer Canada Metastatic Breast Cancer Dream Team

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

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

Additional Details

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

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
William T. Grant Foundation – Research Grants

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

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.

The Foundation seeks research that builds stronger theory and empirical evidence in these two areas. They intend for the research that they support to inform change. While the Foundation does not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

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

Funding Details:

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

Additional Details
LOI Deadline: August 1, 2018

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

Fulbright Canada: Awards for Canadian Scholars

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Funding Details: $60,000 per year, prorated at $5,000 per month to fit shorter travel and specific project needs

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

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

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

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

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

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

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.

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*

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**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*

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

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

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

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**Department of Defense Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018**
The goal of the FY18 TSCR 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 TSCR 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.
Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018

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

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

Funding Details:

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

Additional Details

LOI Deadline: July 26, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: July 19, 2018
Sponsor Deadline: August 2, 2018

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 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 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.

Additional Details
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.

Additional Details
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**

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:** **July 10, 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**

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**Department of Defense CDMRP Pharmacotherapies for Alcohol and Substance Abuse (PASA) Consortium Funding Opportunities for Fiscal Year 2018**

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

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

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

**Additional Details**

**Deadlines for the RFA 3a: Planning Grant ONLY**

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

**Sponsor Deadline:** **August 22, 2018**
Deadlines for the RFA 3b: Full Study Implementation Grant ONLY
LOI Deadline: August 22, 2018
Internal HRS Deadline: September 5, 2018
Sponsor Deadline: September 19, 2018

Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018
Since Fiscal Year 2009, the Peer Reviewed Cancer Research Program (PRCRP) has been charged by U.S. Congress to fund innovative basic, applied, and translational cancer research to support Service members, their families, and the American public. Members of the military are exposed to hazardous environments due to the nature of their service and deployments and, thus, are at risk for the development of many types of cancers. The mission of the PRCRP is to successfully promote high-impact research for cancer prevention, detection, treatment, and survivorship. Please see Additional Details link for further information.

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

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

Department of Defense Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2018
Several risk factors for the development of PD that are of particular interest to the military community have been identified in peer-reviewed studies. The most significant risk factors include: exposure to agriculture-type chemicals (including pesticides, insecticides, and solvents); traumatic injury to the head; depression; prolonged physiologic or mental stress; repeated or prolonged disruption of sleep architecture; and repeated or prolonged disruption of autonomic nervous function. These may immediately impact both physical and cognitive performance as well as predispose susceptible Warfighters to the development of neurodegenerative conditions such as PD. The PRP challenges the scientific community to develop the most impactful research that will advance the understanding of the disease, with the ultimate goal of ending PD.

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

Additional Details
LOI Deadline: September 17, 2018 (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: September 19, 2018
Sponsor Deadline: October 3, 2018

Department of Defense Peer Reviewed Alzheimer’s Research Program (PRARP) Funding Opportunities for Fiscal Year 2018
The Department of Defense has released 4 new funding opportunities for their Peer Reviewed Alzheimer’s Research Program. Please see Additional Details link for further information.

Funding Details:
• **Convergence Science Research Award (CSRA)** – Maximum funding is $500,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

• **Quality of Life Research Award (QUAL)** – Funding limit is $500,000 in direct costs. Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

• **New Investigator Research Award (NIRA)** – Funding limit is $225,000 in direct costs. Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

• **Research Partnership Award (RPA)** - Funding limit is $1.3 million in total costs. Maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s rate agreement.

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

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

**Sponsor Deadline:** October 4, 2018

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

The 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

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**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.

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**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 5 new funding opportunities for their Prostate Cancer Research Program. Please see [Additional Details](#) link for further information. Please note respective deadlines for each award.

**Funding Details:**

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

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

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

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

**Sponsor Deadline:** **September 6, 2018**

**Funding Details:**

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

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

**LOI Deadline:** **September 20, 2018**

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

**Sponsor Deadline:** **October 11, 2018**

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

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

**Funding Details:**
• **Applied Research Award** – Maximum funding of $750,000 for total costs (includes direct and indirect costs). Maximum period of performance is 3 years.

• **Clinical Trial Award** – Maximum funding of $3 million (M) for total costs (includes direct and indirect costs). Maximum period of performance is 4 years.

• **Clinical Translational Research Award** - Maximum funding of $2M for direct costs (plus indirect costs). Maximum period of performance is 4 years.

**Additional Details**

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

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

**Sponsor Deadline:** October 24, 2018

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

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

**Funding Details:**

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

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

**Additional Details**

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

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

**Sponsor Deadline:** October 25, 2018

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**Department of Defense 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

**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**

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

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

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

Additional Details
LOI Deadline: **August 29, 2018** (Investigator-Initiated Research Award)
November 14, 2018 (Career Development Award)
(A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **November 21, 2018**
Sponsor Deadline: **December 5, 2018**
Research Office for Administration, Development and Support (ROADS)
Funding Opportunities Bulletin

July 6, 2018

In this issue:

• Draft Tri-Agency Research Data Management Policy – Request for Feedback- Feedback deadline July 30, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program – Grants – Pre-application deadline August 6, 2018

• Natural Sciences and Engineering Research Council of Canada (NSERC): Research Tools and Instruments Grants Program – NOI to ROADS August 8, 2018; Draft Application August 24, 2018

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

• Crohn’s and Colitis Foundation – Application deadline September 7, 2018

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

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grant – LOI deadline September 20, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Program: FY18 Peer Reviewed Cancer Research Program – Pre-Announcement

• Department of Defense (DoD), Congressionally Directed Medical Research Program: FY18 Defense Health Program US Army Medical Research and Materiel Command (USAMRMC), Accelerating Innovation in Military Medicine (AIMM) – Pre-Announcement

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Initial draft due to ROADS ASAP; SSHRC Application deadline August 1, 2018

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

Join Community of Science (COS) Pivot: an up-to-date database of funding opportunities from around the world, create your Pivot account at https://pivot.cos.com/session/login_help.

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

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

• **Burroughs Wellcome Fund: Investigating in the Pathogenesis of Infectious Disease (PATH) Award** – Pre-proposal deadline July 16, 2018

• **World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program** – Application deadline July 16, 2018

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

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

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

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

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

• **Patient-Centered Outcomes Research Institute (PCORI): Implementation of Effective Shared Decision Making Approaches in Practice Settings** – Cycle 2 2018 – LOI Deadline July 24, 2018

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

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

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

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

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Epilepsy Research Program (ERP) – Grants – LOI deadlines July 26, 2018, September 20, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Orthopaedic Research Program (PRORP) – Grants – Pre-application deadline July 30, 2018
• **Natural Sciences and Engineering Research Council of Canada (NSERC):** Discovery Grants – NSERC Discovery Grants Webinar July 12, 2018; ROADS draft Notification of Intent to Apply deadline July 18, 2018; NSERC Notification of Intent deadline August 1, 2018

• **Weston Brain Institute:** Grants – Letter of Intent deadline August 1, 2018

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

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

• **William T. Grant Foundation – Research Grants:** LOI deadline August 1, 2018

• **2018 Large Scale Applied Research Project Competition “Genomics Solutions for Agriculture, Agri-food, Fishers and Aquaculture”** – Request for Applications (RFA) – Draft Registration deadline August 7, 2018

• **Social Sciences and Humanities Research Council (SSHRC) Special Call:** Indigenous Research Capacity and Reconciliation—Connection Grants – NOTIFY ROADS ASAP; Initial Draft Deadline August 16, 2018

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

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs:** FY18 Duchenne Muscular Dystrophy Research Program (DMDRP) – LOI deadlines August 29, November 14, 2018

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

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

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

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

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

• **Canada Council for the Arts:** Explore and Create – Application deadlines September 12 and October 10, 2018

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

• **Mind and Life Institute:** Francisco J. Varela Research Grants – Application deadline September 28, 2018
• Mitacs – Career Connect: Internships – Application deadline October 1, 2018

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

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

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

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

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


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

• 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 Reconstructive Transplant Research Program (Pre-Announcement) - Anticipated to be posted in June 2018

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

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

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

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

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

• Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.
The Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council of Canada (NSERC), and the Social Sciences and Humanities Research Council of Canada (SSHRC) (the agencies) have developed a draft Tri-Agency Research Data Management Policy, which aims to support Canadian research excellence by fostering sound digital data management and data stewardship practices. The policy includes suggested requirements related to institutional data management strategies, researcher data management plans and data deposit.

Once implemented, the agencies’ policy will:

- support incremental, system-wide changes and capacity building for effective data management within the Canadian research enterprise; and
- Recognize the different contexts and capacities for research data management that exist across the country and within disciplinary communities.

The agencies invite institutions, associations, organizations and individuals to comment on the draft policy and its usefulness in advancing data management practices in Canada. While all feedback is welcome, the agencies are specifically interested in comments on:

- the impact of the suggested requirements (in section 3) for researchers, research communities and research institutions;
- the ability of institutions and researchers to comply with those requirements;
- the extent to which researchers and disciplinary communities are adopting data management best practices, including the use of data management plans;
- the extent to which institutions are developing data management strategies, and what they have learned in doing so; and
- the ideal timeline for implementing the policy.

The McMaster University Library will lead a research data management-working group responsible for composing an institutional response to the policy. All members of the research community are invited to provide feedback to the working group.

View the HTML version or download the PDF version of the draft Tri-Agency Research Data Management Policy.

Feedback Deadline: July 30, 2018.

ROADS Contact: To provide comments to the working group, please send your remarks to Christina Pellegrini, Senior Advisor at pellegrc@mcmaster.ca
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program (OPORP) – Grants

The DOD has announced the following funding opportunities:

The FY18 OPORP funding opportunities are being offered for the first time in FY18 and challenges the scientific community to address which orthotic and prosthetic devices, and which characteristics of those devices, generate the best patient outcomes. Outcomes-focused research is used to support evidence-based practice, which guides providers in the optimization of care to those with limb loss and/or limb impairment.

1) **Clinical Research Award**: **Funding Level 1**: 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

2) **Clinical Trial Award**: **Funding Level 1**: To 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**: Clinical trial that is supported by preliminary data and has the potential to make significant advancements toward clinical translation.


**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**: The pre-application deadline for the above following funding opportunities is **August 6, 2018**. The Application deadline is **October 25, 2018**.

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

**Roads Contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Natural Sciences and Engineering Research Council of Canada (NSERC): Research Tools and Instruments Grants Program

Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation, and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment. NSERC will only accept requests:

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


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


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

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

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


Value: between $7,000 - $25,000 for 1 year

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

The Crohn’s and Colitis foundation has recently announced the following funding opportunities:

1) **Fibrosis Initiative: Biology of Fibrosis in IBD RFP**, the objective: to fund studies focused on investigating the biological mechanisms leading to, and protecting from, fibrosis in IBD. These studies should be built upon clinical observations and/or published evidence in human IBD. Particular interest will be on proposals that address one or more of the following areas:

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


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

2) **Novel Technologies Initiative: Sensor Technologies to Monitor Inflammation in IBD – RFP**, the objective: to support the development of sensor technologies that can be implemented to detect and monitor inflammation in the context of IBD. Proposed technology should meet the following criteria:

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

   **Value:** $125,000 for one year (inclusive of 10% indirect cost)

**Application Process:** the application deadline for both of the above funding opportunities is **September 7, 2018.**

**ROADS Contact:** Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
The DOD has recently announced the following funding opportunities:

1) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, multidisciplinary, high-impact research projects that have the potential to make an important contribution to Parkinson’s disease research and/or DoD FY18 Parkinson’s Investigator-Initiated Research Award 4 patient care. This award mechanism supports the full spectrum of research from basic science through clinical research that specifically focuses on scientific and clinical Parkinson’s disease issues, which, if successfully addressed, have the potential to make a major impact in understanding, preventing, diagnosing, or treating Parkinson’s disease or enhancing the wellbeing of individuals experiencing the impact of the disease.


**Value:** Individual PI awarded $1.5 million for up to 3 years. Partnering PIs awarded $2 million for up to 3 years.

2) **Early Investigator Research Award**, the objective, to impact an area of paramount importance in Parkinson’s disease. The application must clearly and explicitly describe the potential impact of the proposed study on Parkinson’s disease and convey its level of significance. The research should benefit individuals with Parkinson’s disease, including Service members and Veterans, by improving the understanding, prevention, diagnosis, and/or treatment of Parkinson’s disease. DoD FY18 Parkinson’s Early Investigator Research Award 5 The proposed research must be relevant to active duty Service members, Veterans, military beneficiaries, and/or the American public


**Value:** up to $340,000 for up to 2 years.

**Application Process:** The LOI deadline for both of the above funding opportunities is **September 17, 2018**. The application deadline for both of the above funding opportunities is **October 3, 2018**.

**ROADS Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
The Health Disparity Research Award supports promising research ideas that have high potential to make a significant impact in eliminating disparities in prostate cancer incidence, morbidity, mortality, and survivorship. The PCRP is interested in research that addresses all different aspects that contribute to health disparity in prostate cancer, including, but not limited to, social, cultural, and/or biological contributors. Proposed research ideas should be innovative, but primary emphasis will be placed on the potential impact of the proposed work.


Value: Established Investigators: $1 million for 3 years. New Investigators: $600,000 for 3 years.


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

The DoD has sent out the following pre-announcement:

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

The FY18 PRCRP Topic Areas are:

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


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

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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Program: FY18 Defense Health Program US Army Medical Research and Materiel Command (USAMRMC), Accelerating Innovation in Military Medicine (AIMM) – Pre-Announcement

The DoD has sent out the following pre-announcement:

AIMM Research Award, the objective: 1) to support highly creative and conceptually innovative high-risk research with the potential to accelerate critical discoveries or major advancements that will significantly impact military health and medicine, 2) to support novel research concepts and development of enabling technologies; not intended to support incremental advances on previous or ongoing work, and 3) to support applied research efforts that initiate or enhance potential game-changers; clinical trials are not allowed.


Value: up to $350,000 for up to 18 months

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

ROADS Contact: Virginia Viscardi, Senior Advisor, at 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](http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx)).

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

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

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


**Value:**

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

*Outreach Activities* funding: maximum $50,000 over 1 year

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

**Application process:**

Notify ROADS of Intent to Apply by **ASAP**. The initial draft of the application and letters of support are due to ROADS **ASAP**. 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**.
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
- Education, http://www.tinker.org/content/education
- Sustainable Resource Management, http://www.tinker.org/content/sustainable-resource-management

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

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

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

https://www.tinker.org/content/institutional-grants

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

Application process:
The Tinker Foundation will begin accepting letters of inquiry as of July 9, 2018. The application deadline is September 15, 2018.

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

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

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


Value: Up to $500,000 over 5 years

Application Process: The Pre-Proposal deadline for the PATH Award is July 16, 2018. The Application deadline is November 15, 2018.

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.

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

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

The Department of Defense has announced the following funding opportunities:

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

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

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

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


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

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

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

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.


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


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

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

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

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


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

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

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

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

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

**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

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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.


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

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

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

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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.

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

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

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


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


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


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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants

The DoD OCRP has recently announced the following funding opportunities:

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

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

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

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

The research team must include 1) at least one Early-Career Investigator who is within 5 years of his/her last postdoctoral research position (Ph.D.), clinical fellowship (M.D.), or equivalent, 2) at least one ovarian cancer consumer advocate, and 3) at least one Epidemiologist/Public Health Expert. [http://cdmrp.army.mil/funding/pa/FY18-OCRP-OMCDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-OCRP-OMCDA.pdf)

**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. review **Eligibility** page 7 at [http://cdmrp.army.mil/funding/pa/FY18-OCRP-OCA.pdf](http://cdmrp.army.mil/funding/pa/FY18-OCRP-OCA.pdf)

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto: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 Website**: [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
Department of Defense (DoD), Congressionally Directed Medical Research Programs:
FY18 Lung Cancer Research Program (LCRP): Grants

The DoD has recently announced the following LCRP funding opportunities:

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


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

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

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

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


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

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

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

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


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

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

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

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

   - Longitudinal Studies: Studies of the natural evolution of post-traumatic epileptogenesis, which may include:
     - Seizure frequency and severity; Comorbidities (e.g., depression, functional deficits, sleep disorders, major illness); Latency between injury and PTE; Mortality; Treatment; Quality of life of individuals with PTE
Value: up to $2.5 million for up to 4 years.

Application Process: The Pre-application deadline for the longitudinal risk Factors Award is July 26, 2018. The application deadline is October 4, 2018.

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

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


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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Orthopaedic Research Program (PRORP) - Grants

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

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

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

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

Announcement website: http://cdmrp.army.mil/funding/prorp
ROADS Contact: Virginia Viscardi, Senior Advisor, at 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).

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

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

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

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

2) NSERC Subatomic Physics Discovery Grant (SAP-DG) – 2019 Competition
The objective of the SAP-DG Program is to assist in:
   - promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
   - fostering research excellence; and
   - providing a stimulating environment for research training.

There are two types of SAP-DG: Individual and Project
review http://nserc.gc.ca/Professors-Professeurs/Grants-Subs/SPDG-SDPS_eng.asp

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

Value:
Applicants submit a budget.
Individual: maximum 5 years
Project: maximum 3 years
Application process:
The NSERC SAP notification of intent (NOI) deadline is **August 1, 2018** for SAP-DG, SAP-MRS, and Category 2 or 3 SAP-RTI grant applications.

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

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

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**Weston Brain Institute: Grants**

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

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

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

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

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

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

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

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

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

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

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

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


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

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

Harry Frank Guggenheim Foundation: Research Grants

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

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

The highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. review Research Priorities at http://hfg.org/rp/youth.htm

http://hfg.org/

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

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

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
William T. Grant Foundation – Research Grants

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

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.

The Foundation seeks research that builds stronger theory and empirical evidence in these two areas. They intend for the research that they support to inform change. While the Foundation does not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

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

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

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

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

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

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

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

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

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


ROADS Contact: Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Social Sciences and Humanities Research Council (SSHRC) Special Call: Indigenous Research Capacity and Reconciliation—Connection Grants

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

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

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


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

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

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

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

The DoD has recently announced the following PRCRP funding opportunity:

Career Development Award, the objective: to support independent, early-career investigators to conduct impactful research with 1) the guidance of an experienced cancer researcher, 2) an emphasis on discovery.
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP)

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

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


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

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

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


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

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

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

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

review Funding Areas at https://www.templeton.org/funding-areas
Value:
The Foundation has announced two grant types:

**Small Grants**: requests for $234,800 USD, or less

**Large Grants**: requests for more than $234,800 USD

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

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

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**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](http://www.lls.org/research/specialized-center-of-research-program)

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

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

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

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**Louisville Institute – Grants**

The Louisville Institute has recently announced the following funding opportunities:

1) **Pastoral Study Project**, the objective: to allow pastoral leader’s time and resources to investigate issues related to Christian ministry and leadership, North American religious practices and institutions, or major challenges facing wider, contemporary society.


**Value:** maximum $15,000 for a maximum of 18 months

**Application process:** The Louisville Institute application deadline is **September 1, 2018**.

2) **Project Grant for Researchers**, the objective: to support research, reflection, and writing by academics and pastors concerning Christian faith and life, the practice of ministry, and/or religious institutions. Acceptable projects include those that may involve independent study, consultations, or collaborative projects involving pastors and academics.

[https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/](https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/)

**Value:** maximum of $30,000 for a maximum of one year.

**Application process:** The Louisville Institute application deadline is **October 1, 2018**.
3) **Sabbatical Grant for Researchers**, the objective: to enable academics and religious leaders the ability to conduct a major study that can contribute to the validity of Christianity in North America, that 1) addresses Christian faith and life, 2) the practice of ministry, and/or 3) adaptive challenges confronting religious institutions.


**Value**: maximum $40,000 for a maximum of one year.

**Application process**: The Louisville Institute application deadline is **November 1, 2018**.

4) **First Book Grant for Minority Scholars**, the objective: to assist junior, non-tenured, religion scholars of colour to complete a major research project on an issue in North American Christianity, related to the priorities of the Louisville Institute (i.e., *to enrich the religious lives of Americans*).


**Value**: maximum of $40,000 for a maximum of one year.

**Application process**: The Louisville Institute application deadline is **January 15, 2019**.


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

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**Department of Defense (DoD) Congressionally Directed Medical Research Programs: FY18 FY 18 Kidney Cancer Research Program (KCRP) – Grants**

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

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


**Value**: up to $400,000 for up to 2 years.

**Application Process**: The LOI deadline for the Idea Development Award is **September 5, 2018**. The application deadline is **September 28, 2018**.

2) **Technology Development Award**, is a product-driven award mechanism intended to advance the development of technologies to aid kidney cancer clinical and patient outcomes, including prevention, detection, diagnosis, treatment, or quality of life.

Value: up to $300,000 for up to 3 years.

Application Process: The LOI deadline for the Technology Development Award is September 5, 2018. The application deadline is September 26, 2018.

3) **Transitional Research Partnership Award** supports partnerships between clinicians and research scientists that will accelerate the movement of promising ideas in kidney cancer toward clinical applications. This award supports the development of translational research collaborations between two independent, faculty-level (or equivalent) investigators to address a central problem or question in kidney cancer in a manner that would be less readily achievable through separate efforts


Value: up to $600,000 for up to 3 years.


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

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

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**Canada Council for the Arts: Explore and Create**

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

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

1) **Research and Creation**, the objective: to support the initial stages of the creative process. The grants provide support for creative research, creation, and project development.

http://canadacouncil.ca/funding/grants/explore-and-create/research-and-creation

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

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

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

http://canadacouncil.ca/funding/grants/explore-and-create/professional-development-for-artists
**Value:** up to $10,000 for duration of project

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

**Announcement Website:** [http://canadacouncil.ca/funding/grants/explore-and-create](http://canadacouncil.ca/funding/grants/explore-and-create)

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

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

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

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

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

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

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

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

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

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

   - **Value:** up to $1,300,000 for up to 3 years
Application Deadline: The LOI deadline for the above funding opportunities is **September 20, 2018.** The Application deadline for the above funding opportunities is **October 4, 2018.**

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

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

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

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

[https://www.mindandlife.org/varela-grants/](https://www.mindandlife.org/varela-grants/)

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

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

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

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**Mitacs – Career Connect: Internships**

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

Eligible hiring organizations include:

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

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

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

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

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

National Geographic Society: Grants

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

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

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

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

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

Announcement website: https://www.nationalgeographic.org/grants/grant-opportunities/

Application process:
The National Geographic Society application deadline is October 3, 2018.

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

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

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

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


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

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

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


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

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

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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
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/about/research-priorities/)

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

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

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

2) **Micro-Grants**, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge.


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

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

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

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

Fulbright Canada: Awards for Canadian Scholars

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

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


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

   **Application Process:** The application deadline for the Canadian Traditional Scholar Awards is **November 15, 2018 at 5pm**.
2) **Canadian Visiting Research Chairs** are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions.


**Value:** up to $25,000 for one semester, September 2019 or January 2020.

**Application Process:** The application deadline for the Canadian Visiting research Chairs is **November 15, 2018.**

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

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

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**Government of Canada, Innovation, Science and Economic Development Canada:**

**Accessible Technology Program**

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

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

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

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

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

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**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

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

**FY18 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)**

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


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

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

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

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

**FY18/19 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)**

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

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

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

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

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

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

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

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

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

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


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

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

**FY18 Reconstructive Transplant Research Program (Pre-Announcement)**

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

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

**Value:** Maximum of $200,000 for up to 18 months.
Application Process: Pre-Application (Letter of Intent) is required; anticipated application dates and awards information will be posted in June 2018.

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

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

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

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

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

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

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

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

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

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


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

Weston Brain Institute, Big Ideas: Canada

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

The Institute defines neurodegenerative diseases of aging to include:

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

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

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

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

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

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

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

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

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

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

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

Value: $2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc. A maximum $5,000 is available for an exceptional proposal.
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](mailto: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](mailto: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](mailto:viscarvl@mcmaster.ca) or extension 24519
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

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

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

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

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

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