Week of July 20, 2018

Dear colleagues,

Please find below this week’s updates:

- Congratulations to Dr. Mark Matsos and team who have been invited to submit a full application for an Arthritis Society Strategic Operating Grant (SOG).

- Please find attached the progress to date of the **Functional Review of McMaster Financial Support Activities**.

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

- Congratulations to Sandra Carroll on her recent appointment as vice-dean, Faculty of Health Sciences and executive director of the School of Nursing at McMaster University, effective July 1, 2018.

- On behalf of Dr. Paul O’Byrne, Dean and Vice-President of FHS, please note that effective July 1, 2018 the **senior academic administrators of the Faculty of Health Sciences have new position titles**. The current incumbents and their new titles are:
  
  - Susan Denburg, executive vice-dean and associate vice-president, academic, Faculty of Health Sciences. Her title had been associate vice-president, academic, Faculty of Health Sciences.
  - Jonathan Bramson, vice-dean, research, Faculty of Health Sciences. Previously, his title was associate dean, research, Faculty of Health Sciences.
  - William Orovan, vice-dean, clinical services and commercial enterprises, Faculty of Health Sciences. He was associate dean, clinical services and commercial enterprises.
  - The new head of the School of Rehabilitation Sciences will be vice-dean, Faculty of Health Sciences and executive director, School of Rehabilitation Science. Patty Solomon, who retired from the role on June 30, had the title of associate dean, health sciences and director, School of Rehabilitation Science.
  - Sandra Carroll, vice-dean, Faculty of Health Sciences and executive director, School of Nursing. She had been associate dean, health sciences and director, School of Nursing.
  - Alan Neville, vice-dean, health professional education, Faculty of Health Sciences. Previously, his title was associate dean, health professional education, Faculty of Health Sciences.
  - Del Harnish, vice-dean, undergraduate education, Faculty of Health Sciences. He was the associate dean, undergraduate education, Faculty of Health Sciences.
• Mark Walton, vice-dean, faculty affairs, Faculty of Health Sciences. He had been associate dean, faculty affairs, Faculty of Health Sciences.

• Cathy Hayward, vice-dean, Faculty of Health Sciences, associate dean of graduate studies (health sciences). Her title had been associate dean of graduate studies (health sciences).

• Rob Whyte, associate dean, undergraduate medical education, Michael G. DeGroote School of Medicine. He had been assistant dean, undergraduate medical education.

• Parveen Wasi, associate dean, postgraduate medical education, Michael G. DeGroote School of Medicine. She had been the assistant dean, postgraduate medical education.

• On behalf of Laurie Fox, Director of Medicine Affairs for HHS, please find below information for two courses:
  
  • CFPD Course - Emotional and Social Intelligence in the Healthcare Environment November 2018 – this program offers a novel, comprehensive learning experience, complete with a personal assessment and 1:1 coaching session.
  
  • CFPD Course –The 5 Question Leader – FREE – October 26th – 1400-1530 (1.5 hours) - Centre for People Development, in partnership with McMaster University’s Centre for Continuing Education and Box of Crayons, will offer The 5 Question Leader. This practical, engaging workshop is very relevant to leaders working to adopt more of a coach approach in their conversations with team members.

• Below is information regarding the Fall 2018 project competition and new learning materials for applicants. There will also be a Foundation competition this fall; you can find more information on the CIHR website. The Registration deadline for the Fall 2018 competition is August 15, 2018 and the application can be submitted until September 12, 2018, 8:00 PM (Eastern time).

  CIHR is updating the Learning for Applicants materials to support applicants to this competition regarding the Registration and Application stages. Specifically, these learning materials include:

  • Webinars: The Project Grant: Fall 2018 Question and Answer webinars will run from July 26th to September 6th. All attendees are asked to review the reference materials and applicant learning modules in advance of the webinar to ensure that everyone’s experience is as productive as possible.
  
  • Modules: Project Grant modules will be listed on the Learning for Applicants page in advance of the webinars and will provide an overview of the competition as well as a detailed tour of the application process.
  
  • Video: Learn about the Equity and Diversity Questionnaire. All applicants on a Project Grant application must complete the questionnaire before their application can be submitted.

• Please find attached the July 13 and 20 issues of the HRS Funding Opportunities bulletin.

• Please find attached the July 20 issue of the ROADS Funding Opportunities bulletin.
• **Medical Grand Rounds and Chair's Medical Grand Rounds** are now on hiatus for the summer and will resume in September. Further information on these events, and many others taking place in the Department, can be found in the **ETA Calendar**.

• **New Faculty Highlight**
  Welcome to Dr. Anna Mathew who joined the Department of Medicine, and the Division of Nephrology, in January 2018 as an Associate Professor. Dr. Mathew’s clinical interests include chronic kidney disease, hemodialysis, resistant or secondary hypertension, and obstetrical nephrology. Her research interests lie in the use of large databases to conduct epidemiologic studies of clinical outcomes in patients with kidney disease, focusing on clinical outcomes in patients on maintenance hemodialysis.

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
Functional Review of McMaster Financial Support Activities – Progress To Date

Significant progress continues to be made towards improving the University’s systems and supports for financial services. Several steps have been taken since McMaster completed its functional review of Financial support activities provided by the Faculty of Health Sciences, Research Finance office and Financial Affairs last year.

The goal of the functional review was to develop an understanding of the finance units and structures that support the University, which finance services were needed most, and what opportunities existed for synergies, improved service levels and user experiences.

The Review committee was composed of external experts and McMaster faculty members. Key stakeholders included researchers, research administrators, finance leads and administrators within faculties.

The review provided insights and recommendations on a number of key areas of work within Research Finance, Financial Affairs and the Faculty of Health Sciences Research and Finance Offices, ranging from governance to research support. The full list of recommendations can be reviewed here. Since the completion of the review, the recommendations have been used to initiate a number of projects, and the teams behind the work are eager to share progress.

Here are some of the highlights:

Research and Administrator Focus Groups
These cross-faculty groups meet monthly to discuss pressing issues like Travel and Expense AP-01, Research Project statements, Mosaic Fluid changes, Tri-Agency Changes, and Compliance Checking. The goal is to collect input and expertise and ensure proposed solutions meet the needs of the impacted stakeholders.

Staff Training Workshops
Research Finance offices come together several times a year to discuss common goals, align on processes and have scenario-based discussions to share efficiencies and best practices.

Payroll Updates
Human Resources Services has been working on a number of continuous improvement initiatives to improve and streamline payroll process and end user experiences, including:

- Payroll team model has been revised to include specialized roles supporting systems strategy, payroll and analytics functions.
- A Service Catalogue and Payroll Guide are in the final phases of development to provide clarity and details for Administrators across the community.
- New capabilities within Mosaic are being developed and released, including a Reporting Hub and Termination Date functionalities for Administrators.

MacBill
McMaster will implement the billing and accounts receivable modules of the Mosaic system across the university. This new functionality within Mosaic will ensure external customers are billed on a timely basis, and payments can be easily tracked and identified for customers. Successful implementation will have many benefits to the University, including:

- Billing units will be able to generate an official invoice
- Issuing Billing Units can easily send reminder notices to customers until the invoice is paid.
- Complete listings of aged receivables will be available by department
- Fewer 'unclaimed payments' are expected
- Billings can be integrated with the Research Grants module.
- Duplicate billings should be reduced
- Revenue will be recognized at the time of invoicing
- Research Project statement will have additional information on outstanding invoicing
MacBuy
McMaster will implement a buying system to streamline procurement across the university. Expected benefits include integration with Mosaic and approximately $3.7M in savings annually. ~$3.7M/YR savings when fully implemented.

AP01 Reimbursements to Individuals Policy Changes
Regular updates are being made to the Travel and Expense policy based on feedback from focus groups to increase operational efficiencies and simplifying the submission and approval processes.

FHS Administrative Hub Model
A new model is being explored to better support research and operating finance in the Faculty. The new proposed model involves building expertise in a focussed area and providing better support to individual PIs and departments.

Mosaic Interface Updates
In the coming months, updates will be made to the Mosaic to improve the user experience within the Mosaic platform. These changes will provide a more intuitive interface, allow for some user customization, improved navigation, and better accessibility across multiple devices.

These are only some of the initiatives underway that support the findings and recommendations of the review of financial support activities at McMaster.
If you have questions or want to learn more, contact the Research Finance office at finrev@mcmaster.ca

Thanks for your continued support,
Kathy Charters, Dee Henne, Debbie Martin

Katrina Spotts
Manager, Internal Communications
McMaster University, CNH 111
1280 Main Street West
Hamilton, ON   L8S 4L8

Phone: (905) 525-9140, ext. 23527
News & Events

*NEW* CIHR Foundation Grant Stage 1 Webinars

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

**English Sessions:**
- Wednesday, July 18, 2018 (13:30 – 14:30 EDT)
- Wednesday, August 8, 2018 (13:30 – 14:30 EDT)
- Wednesday, September 5, 2018 (13:30 – 14:30 EDT)

**French Sessions:**
- Wednesday, July 18, 2018 (11:00 – 12:00 EDT)
- Thursday, August 23, 2018 (11:00 – 12:00 EDT)

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

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

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

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

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

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

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

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

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

Anyone interested in submitting an IF application must meet with 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

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

**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 – Fellowship: Banting Postdoctoral Fellowships Program**

**CIHR – Prize: Gold Leaf Prize for Discovery**

**CIHR – Prize: Gold Leaf Prize for Impact**

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

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

**CIHR - Operating Grant: Epigenetics Clinical Translation**

**CIHR – Prize: IHDCYH Talks (2018)**

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

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

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

Contact Graduate Studies

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*NEW* Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2018 | Oct 3 | Oct 10 | Oct 24 |
| Department of Defense Peer Reviewed Orthopaedic Research Program (PRORP) Funding Opportunities for Fiscal Year 2018 | Jul 30 | Oct 10 | Oct 24 |
Department of Defense Orthotics and Prosthetics Outcomes Research Program (OPORP) Funding Opportunities for Fiscal Year 2018
Aug 6  Oct 11  Oct 25

Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018
Jul 16  Oct 18  Nov 1

Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2018
Oct 10  Oct 24  Nov 7

Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2018
Jul 17  Oct 25  Nov 8

Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018
Aug 29/Nov 14  Nov 21  Dec 5

**CIHR – Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2**
The Antimicrobial Resistance: Point of Care Diagnostics in Human Health Phase 2 funding opportunity is expected to:

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

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

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

**CIHR – Operating Grant: Understanding the Health Impact of Inactivity**
The ultimate goals of this call are to develop solutions for:

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

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

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

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

2. Build capacity of the next generation of researchers through the meaningful involvement of trainees and/or early career investigators in the research program.
**Funding Details:** The total amount available for this funding opportunity is $1,600,000, enough to fund approximately 8 grants. The maximum amount per grant is $200,000 for up to 18 months.

**Additional Details**

**LOI Deadline:** July 24, 2018

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

**Sponsor Deadline:** August 21, 2018

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

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

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

**Additional Details**

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

**Sponsor Deadline:** August 23, 2018

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

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

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

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

**Additional Details**

**LOI Deadline:** August 21, 2018

**Internal HRS Deadline:** August 22, 2018

**Sponsor Deadline:** September 5, 2018

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**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 Project Grant: Fall 2018

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

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

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

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

CIHR Foundation Grant: Fall 2018

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**CIHR – Prize: IHDCYH Talks (2018)**

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

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

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**Additional Details**

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

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

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

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

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

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**Additional Details**

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

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

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

- foster coordination of research efforts by developing and supporting a network of collaborative Centres;
- develop and/or strengthen high quality infrastructure for implementation science, health services and population health research to enable Canadian HIV, Hepatitis C and other STBBI researchers to conduct innovative, high quality, collaborative research;
- facilitate implementation science, health services and population health research training and mentoring initiatives to strengthen the capacity of trainees; and
- accelerate the translation and uptake of knowledge and implementation of evidence to inform practices, policies and programs through models of integrated knowledge translation and innovative strategies that engage stakeholders and partners (including people living with HIV, community organizations, clinicians, policy makers and relevant networks).
**Funding Details**: The total amount available for this funding opportunity is $10,000,000, enough to fund approximately two to three grants. This amount may increase if additional funding partners participate. Centres may be variable in size; it is anticipated that requested budgets will range from $400,000 to $1,000,000 per annum. The maximum amount per grant is $1,000,000 per year for up to 5 years for a total of $5,000,000 per grant.

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

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

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

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

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

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

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

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

**Age-Well 2018 Strategic Investment Program (SIP) Accelerator Funding**
Do you have an innovative idea that has the potential for real-world impact at the intersection of technology and aging? AGE-WELL’s SIP Accelerator funding program supports innovative post-discovery projects focused on the commercialization and/or knowledge mobilization of solutions (e.g. technologies, services or policies) aligned with AGE-WELL’s mission and vision. The program provides:

- financial support;
- training opportunities; and
- strategic mentorship.

AGE-WELL is dedicated to the creation of technologies and services that benefit older adults and caregivers. Our aim is to help older Canadians maintain their independence, health and quality of life through technologies and services that increase their safety and security, support their independent living, and enhance their social participation.

**Funding Details**: Up to $40,000 over 12 months. Award winners can re-apply for renewal funding in a future call for proposals, pending end-of-term review.
**National Multiple Sclerosis Society: Harry Weaver Neuroscience Scholar Awards**

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

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

**Additional Details**

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

**Sponsor Deadline:** August 15, 2018

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

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

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

**Additional Details**

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

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

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

**Funding Details:** Applicants are required to submit an estimate of the total cost of the proposed project for the first year and to the extent possible for subsequent years, with a maximum of $150,000 per year for a 5 year term.
Additional Details
LOI Deadline: August 30, 2018
Internal HRS Deadline: August 30, 2018
Sponsor Deadline: September 5, 2018

**American Urological Association: 2019 Urology Care Foundation Research Scholar Award**

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

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

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

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

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

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

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

Additional Details
Internal HRS Deadline: August 24, 2018
Sponsor Deadline: September 7, 2018

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

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

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

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

Additional Details
Internal HRS Deadline: August 24, 2018
Sponsor Deadline: September 7, 2018

**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.

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.

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.
**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.

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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.

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

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**Mitacs Globalink Research Award**

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

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

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**Government of Canada – Strategic Innovation Fund Stream 4**

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

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

**Additional Details**

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

### Mitacs – Career Connect: Internships

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

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

**Additional Details**

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

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

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

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

**Additional Details**

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

### 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)

**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

**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.

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

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

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

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

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

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

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**Fulbright Canada: Awards for Canadian Scholars**

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

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

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

**Funding Details:**

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

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

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**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

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**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**

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

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

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

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

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

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

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

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

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

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

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

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

Additional Details  
Sponsor Deadline: Applications are being accepted on a rolling basis
McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities

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

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

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

MITACS Accelerate Fellowship

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

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

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

Weston Brain Institute: Early Phase Clinical Trials: Canada

Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Early Phase Clinical Trials: Canada program was created to provide funding support for clinical trials and clinical trial sub-studies that have excellent preliminary data. Eligible Principal Applicants must be at or above the level of Assistant Professor or equivalent, and be affiliated with a Canada Revenue Agency-qualified donee institution located in Canada. Co-applicants and Collaborators must be at the post-doctoral level or above, and can be working outside Canada.

An application requires the submission of a Letter of Intent which will be reviewed by our scientific review committee. Applicants with high potential projects will then be invited to submit a Proposal. Instructions for submitting the Proposal will be forwarded to those invited. Applicants can expect to receive the outcome of their LOI application approximately 2 months after submission.

**Funding Details:** A maximum of $1,500,000 per project over up to 4 years.

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

OCE Voucher for Innovation and Productivity (VIP I) Program

The VIP I Program brings industry and academia together to solve industry’s innovation challenges. It helps eligible companies develop, implement and commercialize technical innovations by supporting partnerships between Ontario’s industry and publicly funded post-secondary institutions. The program supports collaborations between industry and post-secondary institutions up to 12 months in duration that lead to knowledge mobilization, commercialization and increased productivity with significant economic impact (i.e. generating new revenues and high-value jobs) for Ontario including the development of new products and/or processes, facilitate productivity improvements. Open to all disciplines, but it has to be a for-profit. Company must have been in operation for a minimum of two years, AND have a minimum of two full-time employees.
Funding Details: OCE will support up to 50% of the eligible research costs, to a maximum OCE investment of $20,000.

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

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

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

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

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

Funding Details: Funding starts at $15,000

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

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

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

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

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

- Health services research
  - Evidence-based best clinical practices
  - Implementation and access to NF-specific health care
Utilization of technology and informatics

- Heterogeneity of neurofibromas and other NF-related tumors
- Nontumor manifestations
  - Cognitive, behavior, sleep, pain, hypotonia, communication, etc., including quality of life measures, self-reported and underreported manifestations
- Novel disease and treatment response markers using genomics, epigenetics, systems biology, metabolomics, or similar approaches
  - Transition from benign to malignant
- Nutritional, environmental, and other modifiers of NF
- Post-adolescent manifestations
- Preclinical efficacy studies
- Target identification, drug discovery, targeted and immunotherapies

Funding Details:

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

**Additional Details**

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

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

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

Funding Details:

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

**Additional Details**

LOI Deadline: **July 25, 2018** (A Pre-application is required and must be submitted through eBRAP)
Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2018

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

Funding Details:

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

**LOI Deadline:** September 5, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 12, 2018
**Sponsor Deadline:** September 26, 2018

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

The Department of Defense has released 2 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:

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

**LOI Deadline:** September 6, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 12, 2018
**Sponsor Deadline:** September 26, 2018

Department of Defense 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.
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.

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.

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

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

LOI Deadline: **September 20, 2018**
Internal HRS Deadline: **September 27, 2018**
Sponsor Deadline: **October 11, 2018**

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

LOI Deadline: **July 19, 2018** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **October 4, 2018**
Sponsor Deadline: **October 18, 2018**

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

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

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

- **Qualitative Research Award**:  
  - Individual PIs – Maximum funding of $1M for total costs. Maximum period of performance is 3 years
  - Partnering PI Option - Maximum funding of $1.5M for total costs. Maximum period of performance is 3 years.

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

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

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

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

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

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

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

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

The Lupus Research Program (LRP) was first funded in FY17 to support innovative and impactful research that addresses significant issues and gaps in lupus.

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

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

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

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

Funding Details:

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

- **Career Development Award** - Maximum funding of $275,000 in direct costs (plus indirect costs) Period of performance not to exceed 2 years.

**Additional Details**

LOI Deadline: **August 29, 2018** (Investigator-Initiated Research Award)
**November 14, 2018** (Career Development Award)

(A pre-application is required and must be submitted through eBRAP)

Internal HRS Deadline: **November 21, 2018**

Sponsor Deadline: **December 5, 2018**
News & Events

*NEW* CIHR Fall Project and Foundation – Important Dates
Please be advised of the following CIHR Project and Foundation 18-09 timelines for submission:

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

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

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

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

*affords McMaster research offices ability to manage last minute issues*

For further assistance, contact your faculty research office below.

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

*NEW* CIHR Project Grant Fall 2018 Webinars
CIHR is holding Q&A webinars for their Project Grant: Fall 2018 competition starting on Thursday, July 26, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed below in advance of the webinar to ensure that everyone’s experience is as productive as possible.

CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, click on the below link of the session you would like to attend. When you register, a confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password. **Registration is required to participate in this webinar.**

**English Sessions:**
- **Thursday, July 26, 2018 (14:00 - 15:00 EDT)**
- **Thursday, August 9, 2018 (13:00 - 14:00 EDT)**
- **Wednesday, August 22, 2018 (13:00 - 14:00 EDT)**
- **Thursday, August 30, 2018 (13:00 - 14:00 EDT)**
- **Thursday, September 6, 2018 (13:00 - 14:00 EDT)**

**French Sessions:**
- **Thursday, July 26, 2018 (11:00 - 12:00 EDT)**
- **Tuesday, August 21, 2018 (13:00 - 14:00 EDT)**
- **Wednesday, September 5, 2018 (11:00 - 12:00 EDT)**

For more information, please visit CIHR’s website: [http://www.cihr-irsc.gc.ca/e/45096.html](http://www.cihr-irsc.gc.ca/e/45096.html)
CIHR Foundation Grant Stage 1 Webinars
CIHR is holding Q&A webinars for their 2018-2019 Foundation Grant Stage 1 Application starting on Wednesday, July 18, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed below in advance of the webinar to ensure that everyone’s experience is as productive as possible. CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, click on the below link of the session you would like to attend. When you register, a confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password. Registration is required to participate in this webinar.

English Sessions:
- Wednesday, July 18, 2018 (13:30 – 14:30 EDT)
- Wednesday, August 8, 2018 (13:30 – 14:30 EDT)
- Wednesday, September 5, 2018 (13:30 – 14:30 EDT)

French Sessions:
- Wednesday, July 18, 2018 (11:00 – 12:00 EDT)
- Thursday, August 23, 2018 (11:00 – 12:00 EDT)

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

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

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

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

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

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*NEW* Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018

| Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018 | Aug 29/Nov 14 | Nov 21               | Dec 5            |
CIHR – Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2
The Antimicrobial Resistance: Point of Care Diagnostics in Human Health Phase 2 funding opportunity is expected to:

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

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

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

CIHR – Operating Grant: Understanding the Health Impact of Inactivity
The ultimate goals of this call are to develop solutions for:

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

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

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

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

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

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

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

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

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

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

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

The Foundation Grant program is expected to:

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

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

**Additional Details and to Register**

**LOI/ Registration Deadline:** August 15, 2018 8PM  E-Approval on RNet

**Internal HRS Deadline:** September 13, 2018 - 12PM

**Sponsor Deadline:** September 19, 2018 - 12PM

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**CIHR – Fellowship: Banting Postdoctoral Fellowships Program**

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

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

**Additional Details**

Contact Correen Smith in Graduate Studies to Apply

**Sponsor Deadline:** September 19, 2018

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**CIHR – 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.

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**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.
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.

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CIHR – Prize: IHDCYH Talks (2018)
The CIHR Institute of Human Development, Child and Youth Health (IHDCYH) is launching its fifth round of the IHDCYH Talks Video Competition, a unique opportunity to submit short videos (recommended maximum length of 5 minutes) sharing evidence-based messages in the area of maternal, reproductive, child and youth health. This competition encourages the production of videos that present a clear evidence-based message to a lay audience that is designed to have a positive impact on the health of children, youth and families. This competition is soliciting videos not just from members of the research community, but also more widely from non-governmental or not-for-profit organizations (including community or charitable organizations), as well as members of the general public who are able to demonstrate a clear, evidence-based message related to IHDCYH’s mandate. Successful videos will be posted on CIHR and IHDCYH social media and shared through other communications channels. It is important that the content be engaging, easily understood and accessible to a lay audience.

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

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

CIHR – Team Grant: SPOR ICT Rewarding Success – Phase 3
The Strategy for Patient-Oriented Research (SPOR) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, fociusses 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

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

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

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

**Age-Well 2018 Strategic Investment Program (SIP) Accelerator Funding**
Do you have an innovative idea that has the potential for real-world impact at the intersection of technology and aging? AGE-WELL’s SIP Accelerator funding program supports innovative post-discovery projects focused on the commercialization and/or knowledge mobilization of solutions (e.g. technologies, services or policies) aligned with AGE-WELL’s mission and vision. The program provides:

- financial support;
- training opportunities; and
- strategic mentorship.

AGE-WELL is dedicated to the creation of technologies and services that benefit older adults and caregivers. Our aim is to help older Canadians maintain their independence, health and quality of life through technologies and services that increase their safety and security, support their independent living, and enhance their social participation.

**Funding Details:** Up to $40,000 over 12 months. Award winners can re-apply for renewal funding in a future call for proposals, pending end-of-term review.

**Additional Details**
**Internal HRS Deadline:** July 27, 2018
**Sponsor Deadline:** August 10, 2018

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

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

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

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

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

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

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

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

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

Additional Details
Internal HRS Deadline: August 23, 2018
Sponsor Deadline: September 6, 2018
American Urological Association: 2019 Urology Care Foundation Research Scholar Award

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

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

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

Crohn’s & Colitis Foundation Biology of Fibrosis in IBD RFP

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

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

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

Additional Details
Internal HRS Deadline: August 24, 2018
Sponsor Deadline: September 7, 2018

Crohn’s & Colitis Foundation Novel Technologies Initiative

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

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

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

Additional Details
Internal HRS Deadline: August 24, 2018
Sponsor Deadline: September 7, 2018

National Multiple Sclerosis Society: Pilot Research Grants

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

Funding Details: Maximum $50,000 for 1 year

Additional Details
LOI Deadline: September 10, 2018
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*

Ontario Institute for Cancer Research: Cancer Therapeutics Innovation Pipeline

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

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

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

QUEST Resident Research Resource Opportunity

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

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

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

Funding Details: Up to 2 projects may receive a maximum of $10,000 depending on the number and quality of submissions.
Internal HRS Deadline: September 7, 2018
Sponsor Deadline: September 21, 2018
*For additional information and to apply, contact Susie Hanson at shanson@mcmaster.ca*
**Mind and Life Institute: Francisco J. Varela Research Grants**
The Varela Grants fund rigorous examinations of contemplative techniques with the ultimate goal that findings derived from such investigations will provide greater insight into contemplative practices and their application for reducing human suffering and promoting flourishing. Proposals are encouraged across broad domains, including: cognitive science, clinical psychology, education, anthropology, neuroscience, health/medical, social science, and humanities.

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

**Additional Details**
Internal HRS Deadline: **September 14, 2018**
Sponsor Deadline: **September 28, 2018**

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

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

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

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

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

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

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

**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**

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

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

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

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

**Additional Details**

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

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

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

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

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

**Additional Details**

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

**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*

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

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

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

**Additional Details**

*LOI Deadline: August 10, 2018*

*Internal HRS Deadline: October 12, 2018*

*Sponsor Deadline: October 26, 2018*

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**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

Ontario Institute for Cancer Research: Health Services Research

In collaboration with Cancer Care Ontario, the Ontario Institute for Cancer Research (OICR) is excited to announce a new funding opportunity to support health services research projects that will provide the knowledge needed to optimize the delivery of cancer services today and to ensure appropriate dissemination of health service innovations and well-evaluated technologies.
**Funding Details:** Up to $150,000 per year for a maximum of two years.

**Additional Details**

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

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

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

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

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

**Additional Details**

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

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**Leukemia & Lymphoma Society: Specialized Centre of Research Program**

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

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

**Additional Details**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Weston Brain Institute: Early Phase Clinical Trials: Canada**
Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Early Phase Clinical Trials: Canada program was created to provide funding support for clinical trials and clinical trial sub-studies that have excellent preliminary data. Eligible Principal Applicants must be at or above the level of Assistant Professor or equivalent, and be affiliated with a Canada Revenue Agency-qualified donee institution located in Canada. Co-applicants and Collaborators must be at the post-doctoral level or above, and can be working outside Canada.

An application requires the submission of a Letter of Intent which will be reviewed by our scientific review committee. Applicants with high potential projects will then be invited to submit a Proposal. Instructions for submitting the Proposal will be forwarded to those invited. Applicants can expect to receive the outcome of their LOI application approximately 2 months after submission.

**Funding Details:** A maximum of $1,500,000 per project over up to 4 years.

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

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

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

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

**OCE Voucher for Innovation and Productivity II (VIP II) Program**
The VIP II program helps established Ontario-based companies develop, implement and commercialize technical innovations by supporting partnerships with publicly-funded post-secondary institutions. Projects funded through VIP II address company needs by enabling the development of new products and/or processes, or facilitating productivity improvements, by leveraging post-secondary institutions’ skills and resources. Projects must ultimately help generate new revenues and create high-value jobs for Ontario companies. You can also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.
**Funding Details:** The VIP II program supports collaborations between companies and publicly-funded post-secondary institutions for durations of 12 and 24 months to a maximum of $150,000.

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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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 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:**

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

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

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

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

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

**Additional Details**

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

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

Sponsor Deadline: **August 9, 2018**

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

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

**Funding Details:**

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

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

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

**Additional Details**

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

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

Sponsor Deadline: **August 8, 2018**

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

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

**Funding Details:**

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

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

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

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

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

**Sponsor Deadline: September 26, 2018**

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

The Department of Defense has released 2 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:**

- **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**
  o Basic Research – Maximum total costs of $275,000 for 12 months.
  o Phase 1 Trials – Maximum total costs of $700,000 for 18-24 months.
  o Phase 2 Trials – Maximum total costs of $3,000,000 for 28-32 months.

[Additional Details](#)

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

**Internal HRS Deadline: August 8, 2018**
Sponsor Deadline: **August 22, 2018**

Deadlines for the RFA 3b: Full Study Implementation Grant ONLY

LOI Deadline: **August 22, 2018**

Internal HRS Deadline: **September 5, 2018**

Sponsor Deadline: **September 19, 2018**

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

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

**Funding Details:**

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

LOI Deadline: **August 28, 2018** (A Pre-application is required and must be submitted through eBRAP)

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

Sponsor Deadline: **September 26, 2018**

**Department of Defense Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2018**

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

**Funding Details:**

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

- **Investigator-Initiated Research Award:**
  - 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*

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

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

Funding Details:

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

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

Internal HRS Deadline: *September 20, 2018*

Sponsor Deadline: *October 4, 2018*

Funding Details:

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

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

Internal HRS Deadline: *September 27, 2018*

Sponsor Deadline: *October 4, 2018*

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

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

Funding Details:

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

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

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

Internal HRS Deadline: *August 23, 2018*

Sponsor Deadline: *September 6, 2018*
• Health Disparity Research Award:
  o Established Investigators – Maximum funding of $1,000,000 for direct costs (plus indirect costs).
  o New Investigators - Maximum funding of $600,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years.
• Health Disparity Fellowship Award - Maximum funding of $200,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years.

LOI Deadline: September 20, 2018
Internal HRS Deadline: September 27, 2018
Sponsor Deadline: October 11, 2018

Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2018
Many factors related to weaponry, personal protection, and trauma care during Operations Enduring Freedom and Iraqi Freedom resulted in greater survival of those sustaining increasingly severe combat injuries, particularly injuries to the face and the extremities. The intent of the RTR program is to advance the field of VCA to make the procedure possible for a broader population of patients, and to restore our wounded warriors to duty or to meaningful lives. The RTR program was initiated in 2012 to fund innovative projects in an array of topic areas within the field of VCA. Beneficiaries of the techniques and technologies developed with this funding include injured Service Members, Veterans, their caregivers, and family members, as well as civilians who have suffered catastrophic tissue loss.

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

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

Department of Defense Peer Reviewed Orthopaedic Research Program (PRORP) Funding Opportunities for Fiscal Year 2018
A large majority of the injuries sustained by military personnel in U.S. war efforts involve soft tissue wounds and skeletal fractures, pointing to an urgent need for orthopaedic research that will provide superior medical care and treatment options for injured service members. Orthopaedic injuries sustained during combat-related activities tend to be very heterogeneous and complex in nature, typically involving multiple tissues, such as skin, bone, muscle, cartilage, and nerves.

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

Additional Details
LOI Deadline: July 30, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 10, 2018
Sponsor Deadline: October 24, 2018
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

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

The Lupus Research Program (LRP) was first funded in FY17 to support innovative and impactful research that addresses significant issues and gaps in lupus. Lupus is a heterogeneous autoimmune disease that is difficult to diagnose and treat. There is currently no test available to diagnose lupus and it may take months or years for a person to be correctly diagnosed. Because lupus attacks healthy cells and tissues in many parts of the body, patients can experience a wide range of symptoms such as fatigue, joint pain, skin lesions, and headaches. Lupus can also cause inflammation in the kidneys, brain, blood vessels, lungs, and heart which can result in serious complications including organ damage. Lupus patients require a diverse team of healthcare specialists depending on their symptoms.

Funding Details:

- **Concept Award** – The maximum period of performance is 1 year. The maximum allowable funding for the entire period of performance is $150,000 in total costs.

- **Impact Award** – The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $525,000 in total costs.

Additional Details

**LOI Deadline:** October 10, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 24, 2018

**Sponsor Deadline:** November 7, 2018

Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018

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

Funding Details:

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

o **Funding Level 2** – Maximum funding of $750,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.

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

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

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

**Sponsor Deadline:** **November 15, 2018**

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

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

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

**Sponsor Deadline:** **December 10, 2018**

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

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

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

- **Career Development Award** - Maximum funding of $275,000 in direct costs (plus indirect costs) Period of performance not to exceed 2 years.

**Additional Details**

**LOI Deadline:** **August 29, 2018** *(Investigator-Initiated Research Award)*

**November 14, 2018** *(Career Development Award)*

*(A pre-application is required and must be submitted through eBRAP)*

**Internal HRS Deadline:** **November 21, 2018**

**Sponsor Deadline:** **December 5, 2018**
In this issue:

- **Natural Sciences and Engineering Research Council of Canada (NSERC) Whale Science for Tomorrow – Call for Proposals** – NOTIFY ROADS ASAP, Application deadline July 30, 2018 (internal selection)

- **IDEaS - Second Call for Proposals for Innovation Network: Autonomous Systems for Defence and Security** – LOI deadline July 31, 2018; Webinar July 31, 2018

- **Canadian Cancer Society (CCS): Stand Up to Cancer Canada Metastatic Breast Cancer Dream Team (SU2C) - Grant** – Letter of Intent deadline August 10, 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program (RTRP)** – Pre-application deadlines August 15, October 3, 2018

- **Canadian Institutes of Health Research (CIHR) Foundation Grant 2018: Stage 1 – MANDATORY ONLINE Registration deadline August 15, 2018; Webinars: August 8, 23 & September 5, 2018**

- **Canadian Institutes of Health Research (CIHR) Project Grant Fall 2018 - MANDATORY ONLINE Registration deadline August 15, 2018; Webinars: July 26, August 9, 21, 22, 30, September 5, 6, 2018**

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

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

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

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Breast Cancer Research Program (BCRP): Grants** – LOI deadline September 14, November 1, 2018

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

- **MEOPAR AND Oceans Network Canada (ONC): Call for Proposals** – Application deadline October 29, 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.


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

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP) - Pre-Announcement – Anticipated to be posted in August 2018**

**Previously announced:**

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

• **CMHC: National Housing Conference – Call for Papers – 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**

• **National Multiple Sclerosis Society: Grants, Pilot and Center Awards – Pre-application deadlines August 8, 2018, August 30, 2018, September 10, 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 Prostate Cancer Research Program (PCRP) – Grants – Pre-application deadlines August 16, September 20, 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**

• **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**

• **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**

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

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

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

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

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

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

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

- **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 – LOI deadline October 2, 2018; Webinar date September 5, 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**


- **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**

- **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

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

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

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

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

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

• Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.
In this Issue:

Natural Sciences and Engineering Research Council of Canada (NSERC) Whale Science for Tomorrow – Call for Proposals

Through funding provided in Budget 2018 and the Government of Canada’s Oceans Protection Plan, Fisheries and Oceans Canada (DFO) and the Natural Sciences and Engineering Research Council of Canada (NSERC) are partnering to support research that will enhance scientific research on marine mammals in Canada with a focus on southern resident killer whales, North Atlantic right whales, and the Saint Lawrence Estuary population of beluga whales.

Whale Science for Tomorrow is intended to provide support for activities that will:

- Enhance the ability of Canadian universities to support the Government of Canada’s whale conservation objectives;
- Broaden the base of whale protection and recovery research in Canada
- Accelerate the development of a new generation of marine mammal scientists;
- Ultimately increase the scientific information available to support government decision-making and conservation efforts for priority whale species.

https://www.hemophilia.ca/research-chs-bayer-advance-canada-research-program/

Value: up to $3 million for 5 years.


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

IDEaS - Second Call for Proposals for Innovation Network: Autonomous Systems for Defence and Security

In response to the recognized need to increase Canadian knowledge capacity, the Department of National Defence is seeking to promote revolutionary advances in our understanding of autonomous systems for defence and security applications, with a focus on trust and barriers to adoption. As a first step to creating a national Innovation Network, they are calling on the innovation community to form multidisciplinary teams, or Micro-nets, of five or more investigators from at least three distinct organizations. Each Micro-net will propose a research project which addresses one or several aspects related to trust and barriers to adoption of autonomous systems. The subject area has deliberately been left broad to encourage a wide range of proposals covering as
many aspects of the domain as possible. Full details of the application and evaluation process can be consulted in the Application Guide (on website).


**Value:** up to $1,500,000 over 3 years.

**Application Process:** The LOI deadline is July 31, 2018 by 12:00pm. The application deadline is November 30, 2018 by 12:00pm.

**Informational Webinar:**

An Information Session on the 2nd Call for Proposals for Innovation Networks will be held by Web conference.

**Webinar Date:** July 31, 2018 at 13:30 – 15:00 (English session)

**Register by:** July 26, 2018

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

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**Canadian Cancer Society (CCS): Stand Up to Cancer Canada Metastatic Breast Cancer Dream Team (SU2C) – Grant**

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.


**Value:** up to $6 million for up to a 4-year research term.

**Application Process:** The LOI deadline for the SU2C Grant is August 10, 2018. The Application deadline is October 26, 2018.

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

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

1) **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 deadline is **August 15, 2018**. Application deadline is **October 24, 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 deadline is **August 15, 2018**. Application deadline is **October 24, 2018**.

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


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

   **Application Process**: Pre-Application (Letter of Intent) deadline is **October 3, 2018**. The Application deadline is **October 24, 2018**

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

   **Roads Contact**: Virginia Viscardi, Senior Advisor, at viscarvl@memaster.ca or extension 24519
Canadian Institutes of Health Research (CIHR) Foundation Grant 2018: Stage 1

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

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

https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=2919&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&all=1&masterList=true

Value: Foundation grant funding levels will be commensurate with need, which is expected to vary by research field, research approach, and scope of project activities. For existing CIHR grantees, the budget request should be consistent with the applicant’s previous CIHR Open Funding history as a Nominated Principal Investigator. CIHR will provide a calculated baseline budget to all Stage 2 applicants. The duration of a Foundation grant is 7 years.


Informational Webinars:

CIHR is holding Q&A webinars for their 2018-2019 Foundation Grant Stage 1 Application starting on Wednesday, July 18, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed on the website below in advance of the webinar to ensure that everyone’s experience is as productive as possible. Registration is required.

Dates:

English Sessions:

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

French Sessions:

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

Webinar website: http://www.cihr-irsc.gc.ca/e/45096.html
Canadian Institutes of Health Research (CIHR) Project Grant Fall 2018

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

The Project Grant is expected to:

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


Value: It is expected that most Project grant budget requests will fall within a range of $50K to $750K per annum and the grant durations will range between approximately 1 to 5 years. The maximum eligible request to CIHR is $13.25M. Project grant funding levels will be commensurate with need, which is expected to vary by research field, research approach, and scope of project activities.


Informational Webinars:

CIHR is holding Q&A webinars for their Project Grant: Fall 2018 competition starting on Thursday, July 26, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed on the website below in advance of the webinar to ensure that everyone’s experience is as productive as possible. Registration is required.

Dates:

English Sessions

- Thursday, July 26, 2018 (14:00 - 15:00 EDT)
- Thursday, August 9, 2018 (13:00 - 14:00 EDT)
- Wednesday, August 22, 2018 (13:00 - 14:00 EDT)
- Thursday, August 30, 2018 (13:00 - 14:00 EDT)
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP) – Grants

The DoD has recently announced the following PRCRP funding opportunities:


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

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

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

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

**Application Process:** Pre-application deadline is **August 28, 2018**. Application deadline is **September 26, 2018**.


The FY18 PRCRP Topic Areas are:
The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program

The Canadian Hemophilia Society (CHS) is proud to put out its call for applications for its new research program created in collaboration with Bayer and ADVANCE Canada.

The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program was created to engage Canadian hemophilia treaters in activities to identify and research key issues in the ageing hemophilia population.

The research program will support studies that aim to:

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

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

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

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Breast Cancer Research Program (BCRP) - Grants

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

1) Breakthrough Award Levels 1 and 2 II, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.
Funding Level 1: Innovative, high-risk/high-reward research that is in the earliest stages of idea development. Research with potential to yield new avenues of investigation. Proof of concept. No preliminary data required. DoD FY18 Breast Cancer Breakthrough Award Levels 1 and 2.

Funding Level 2: Research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation.


Value:

Level 1: up to $375,000 for up to 3 years; Level 1 with partnering PI option: up to $600,000 for up to 3 years
Level 2: up to $750,000 for up to 3 years; Level 2 with partnering PI option: up to $1 million for up to 3 years

Application Process: The Letter of Intent deadline is November 1, 2018. The application deadline is November 15, 2018.

2) Breakthrough Award Levels 3 and 4 II, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.

Funding Level 3: Advanced translational studies that have potential for near-term clinical investigation. Small-scale clinical trials may apply. DoD FY18 Breast Cancer Breakthrough Award Levels 3 and 4

Funding Level 4: Large-scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Near-term clinical impact is expected. Human clinical testing is required. PIs are expected to have experience in successfully leading large-scale projects.


Value:

Level 3: up to $2.5 million for up to 4 years; Level 3 with partnering PI option: up to $4 million for up to 4 years
Level 4: up to $10 million for up to 4 years; Level 4 with partnering PI option: up to $10 million for up to 4 years


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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Heart & Stroke Foundation: Grants-in-Aid Award Programs

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

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

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

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

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

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

Mitacs: Globalink Research Award (GRA)

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

The following opportunities support travel and research from Canada to universities in:

- Australia
- Brazil
- China
- EU member countries
  - In France, both universities and Inria Research Centres are eligible host institutions
- Israel
- India
- Japan
- Korea
- Mexico
- Norway
- Saudi Arabia
- Tunisia
- United Kingdom
- United States
Value: up to $6,000 for research projects between 12 -24.

Application Process:
To Travel in January 2019, apply by September 30, 2018.

Students can submit applications at any time but are encouraged to apply at least 16 weeks prior to their planned departure.

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

MEOPAR AND Oceans Network Canada (ONC): Call for Proposals

MEOPAR, in partnership with Ocean Networks Canada (ONC), has released the second iteration of the Early Career Faculty (ECF) program. The objective: for early-career faculty investigators to contribute to and participate in MEOPAR’s broad interdisciplinary, multi-institutional research effort, thereby growing and extending their network of collaborators and interactions with stakeholders.

http://meopar.ca/research/early-career-faculty-call-for-proposals

Value: a maximum of $100,000 for up to 2 years.

Application Process: the application deadline is October 29, 2018 by 4 pm AST.

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

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

The DOD has announced the Resiliency and Readiness Optimization/ Enhancement (R2OE) Translational Research Award. The objective: to support research with the goal of evaluating evidence-based interventions and techniques to optimize and enhance resilience and psychological health readiness of Service members (SM). The expectation of this research is to demonstrate the utility of these resiliency and readiness enhancement interventions and techniques to benefit our SMs and the public at large.


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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP) - Pre-Announcement

The DOD has announced the New Investigator Award for the FY18 Gulf War Illness Research Program. The objective: to support high-impact research that will identify effective treatments and accelerate their clinical application, identify objective markers for improved definition and diagnosis, and/or provide a better understanding of the pathobiology underlying the complex of Gulf War Illness symptoms.


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

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:

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;

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.
http://westonbrainstitute.ca/transformational-research-canada-2019/

Value: maximum $1,500,000 per project over a maximum 3 years;

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. The proposal deadline is November 12, 2018.

Announcement Website: http://westonbrainstitute.ca/funding-opportunities/open-and-upcoming-programs/

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

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

National Multiple Sclerosis Society: Grants, Pilot and Center Awards

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

1) 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.


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

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

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

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

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**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.
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 Prostate Cancer Research Program (PCRP) – Grants

The DoD PCRP has recently announced the following funding opportunities:

1) 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.

2) 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.


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

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

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


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

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

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

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.

Application Process: Notify ROADS of Intent to Apply by August 8, 2018. Submit draft of application to ROADS for internal peer review by August 27, 2018. Submit draft of application to ROADS for review by October 2, 2018. Submit final application to ROADS via Research Portal by October 22, 2018

ROADS Contact: Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
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:** IIIRA Funding Level up to $600,000 for up to 3 years. IIIRA and Optional Interdisciplinary Collaborator Funding Level up to $750,000 for up to 3 years.

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

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


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

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

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

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

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

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

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

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

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**John Templeton Foundation: Grants**

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

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

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

Value:
The Foundation has announced two grant types:
**Small Grants**: requests for $234,800 USD, or less
**Large Grants**: requests for more than $234,800 USD
Application process:
The John Templeton Foundation online funding inquiry deadline is **August 31, 2018**.

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

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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

**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.

   https://louisville-institute.org/programs-grants-and-fellowships/grants/pastoral-study-project/

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

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

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

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

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

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

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

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*).

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


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

**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](http://cdmrp.army.mil/funding/kcrp)

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 opportunity:


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.

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

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

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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](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](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 or extension 27207

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**Tinker Foundation Inc. Institutional Grants**

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

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

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

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

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

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

[https://www.tinker.org/content/institutional-grants](https://www.tinker.org/content/institutional-grants)
Value:
Applicants submit a budget and estimate the duration of their project.

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Parkinson’s Research Program – Grant

The DOD has recently announced the following funding opportunities:

1) Investigator-Initiated Research Award, the objective: to support highly rigorous, multidisciplinary, high-impact research projects that have the potential to make an important contribution to Parkinson’s disease research and/or DoD FY18 Parkinson’s Investigator-Initiated Research Award 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 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
Department of Defense (DoD), Congressionally Directed Medical Research Programs: 
FY18 Epilepsy Research Program (ERP) - Grants

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

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


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


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

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

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

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


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

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


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

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

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

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


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

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

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

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

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

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

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

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

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

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

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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.**

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**Lyle Spencer Research Awards**

The objective of the Lyle Spencer Research Awards is to improving the practice of education, independent of any particular reform agendas or methodological strictures.

[https://www.spencer.org/lyle-spencer-research-awards](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](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

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**National Geographic Society: Grants**

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

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

1) **Early Career Grant,** the objective: to offer less experienced individuals an opportunity to lead a project. Applicants are not required to have an advanced degree. Applicants with more than five years of professional experience in the field of their project focus are not eligible to apply.

**Value:** $5,000 - $10,000 USD, maximum 1 year

review **Eligibility** at [https://www.nationalgeographic.org/grants/eligibility/](https://www.nationalgeographic.org/grants/eligibility/)
2) **Exploration Grant**, the objective: to support experienced project leaders. The applicant and his or her team members are expected to demonstrate successful completion of similar projects with measurable and/or tangible results.

Value: $10,000 - $30,000, maximum 1 year

[https://www.nationalgeographic.org/grants/preparing-your-proposal/](https://www.nationalgeographic.org/grants/preparing-your-proposal/)

3) **Requests for Proposals**, the objective: to support certain key issues; “**Documenting Human Migrations**”

Value: Typical proposal requests should be less than $30,000; however, applicants may request up to $70,000. (up to 20% of the total may be used as a stipend for the applicant and/or team members)


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

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

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 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/

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/

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

Fulbright Canada: Awards for Canadian Scholars

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

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

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

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

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

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

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

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

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


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

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

**Accessible Technology Program**

The objective of the *Accessible Technology Program* is to address the need for more assertive technologies for persons with disabilities.


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

Application process: The Government of Canada application deadlines are:

- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22
Contact: Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at yuyitun@mcmaster.ca or extension 23164

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

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.**
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 July 2018.

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

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

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

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

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

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


Roads Contact: Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto: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.


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](mailto:pellegrc@mcmaster.ca) or extension 27207
Institute for Catastrophic Loss Reduction (ICLR): Quick Response Program

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

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

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

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

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

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

**Application process**: The ICLR will accept applications at all times.

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

Shastri Indo-Canadian Institute (SICI): Grants

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

1) **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence.
Value:
Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

Application Process: Applications can be submitted throughout the year.

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

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

Application Process: Applications can be submitted throughout the year.

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

Value: Each Canadian member institution will receive up to $500 CND.

Application Process: Applications can be submitted throughout the year.

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

Weston Brain Institute, Early Phase Clinical Trials: Canada

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

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


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

Application process: The Weston Brain Institute letter of intent is accepted on a rolling basis.
Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call

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

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

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

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

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

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

Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

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

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

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

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

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