Week of November 17, 2017

Dear colleagues,

Please find below this week’s updates:

- The Faculty of Medicine at The **University of British Columbia** together with Vancouver Coastal Health (VCH) and Providence Health Care (PHC) invite applications for the position of Head, Department of Medicine and Regional Medical Department Head, VCH/PHC. Further details can be found [here](#). The search will remain open until a suitable candidate has been located.

- The **McMaster Institute for Research on Aging (MIRA)** is in the process of developing two major, multi-year research programs that will bring together interdisciplinary teams of researchers, along with end users, to advance our capabilities in two broad topic areas. Each program of research will be led by a working group and will include multiple, interrelated projects which will enable research strength in mobility and aging. Each working group will work together to develop and submit a proposal for funding to MIRA, which will be vetted and reviewed by MIRA’s International Scientific Advisory Committee.

  Two broad topics will be the focus of the working groups: 1) **Technology, Environment and Mobility**, and 2) **Exercise, Nutrition and Mobility**. These topics were selected because of McMaster’s existing research capacity in these areas, the need for broad, interdisciplinary input, and the potential to have an impact on today’s population of older adults.

In order to launch the development of these proposals, you are invited to attend one or both of two upcoming brainstorming sessions:

1) **Technology, Environment and Mobility** on Monday, November 20 from 12-4 pm [Register here](#).

2) **Exercise, Nutrition and Mobility** on Tuesday, November 21 from 9am-12:30 pm [Register here](#).

Researchers from all Faculties are encouraged to attend these sessions, where they will contribute to the formulation of an interdisciplinary research program with the aid of external facilitators. Interdisciplinary perspectives on these complex topics will be critical to forming programs of research that are impactful and positioned for future funding success. Participation from all interested MIRA members is encouraged. If you wish to be a part of the conversation at this stage but are unable to attend, we invite you to send a delegate in your place.

When registering, please email your completed version of the attached *Researcher Landscape Map* to [patocsae@mcmaster.ca](mailto:patocsae@mcmaster.ca). More detailed information on the sessions and desired outcomes will be forwarded to registered attendees in advance of the sessions.
• Please find attached the November 17 **HRS Funding Opportunities Bulletin**.

• Please find attached the November 17 **ROADS Funding Opportunities Bulletin**.

• Please join us at **Grand Rounds** next week on **November 23, 2017 at 8:00 am**. Medical Grand Rounds-HHS will be hosting Dr. Madhu Natarajan in the Hamilton General Hospital Theatre Auditorium who will be speaking on *STEMI Management across LHIN 4 and Beyond*. Medical Grand Rounds-SJH will be hosting Dr. Casey Park in the SJH Miller Amphitheatre who will be speaking on *In-hospital Cardiac Arrest – a Review of the Evidence*. 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. Christopher Hayes who joined the Department of Medicine, and the Division of Critical Care, in June 2017 as an Associate Professor. Dr. Hayes is the Chief Medical Information Officer for St. Joseph’s Healthcare, Hamilton and has specialty knowledge in patient safety and quality of care.

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
Thinking about your research in aging, place yourself on the figure at right. Edit to add your name, and drag and drop your name and the dot below to place yourself on the map.

While most researchers’ work is multi-faceted, for this exercise, please think of your work as it might be viewed by collaborators or grant evaluators. Where is your expertise most concentrated?

With respect to the vertical axis: Please consider your research output (or desired output). If that output is solely academic, your dot should be close to the centre of the graph. If the outcomes of your work tend toward policy or products and services, you should place yourself closer to the top or bottom, respectively. Please save this file as a PDF with your own last name appended to the file name.

BRIEFLY EXPLAIN WHY YOU PLACED YOURSELF IN THIS LOCATION:

text
**Call for Participation in MIRA Working Groups**

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**BCCC Healthcare Forum 2017**

The Brazil Canada Chamber of Commerce (BCCC) is pleased to announce the 4th edition of the BCCC Healthcare Forum to take place in Toronto on December 7th, 2017. This half-day seminar will offer an in-depth program to address the current opportunities in digital health and medical devices with the participation of the Brazilian National Association of Private Hospitals (ANAHP). The Forum will also showcase successful case studies of Canadian companies already doing business in Brazil. [Register Here](#).

**When:** December 7th, 2017  
**Time:** 8:00 am – 12:30 pm  
**Where:** McCarthy Tétrault  
66 Wellington St. West, Toronto ON

**Additional Details**

**IBM Skills Academy**

IBM invites you to the launch of a *NEW* world-class skills development program. This event could be of interest to faculty who are interesting in building new Technology curriculum into their programs. The IBM Skills Academy provides resources for building skills in cloud, big data, analytics, cyber security and more including cognitive computing and blockchain career paths which are in development. This program focuses on 16 career paths with faculty face to face training, badges, labs, pre-tests and proctored tests as part of the training.

**When:** November 30, 2017  
**Time:** 9:30 am – 12:30 pm (lunch included)  
**Where:** IBM Canada Software Lab  
8200 Warden Avenue, Markham ON  
**RSVP:** Susan Harper ([sharper@ca.ibm.com](mailto:sharper@ca.ibm.com))  
Kerri Moreno ([kmoreno@ca.ibm.com](mailto:kmoreno@ca.ibm.com))

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CIHR – Master’s Award: 2017-2018 Frederick Banting and Charles Best Canada Graduate Scholarships

The Canada Graduate Scholarships Master’s Awards are intended to provide special recognition and support to students who are pursuing a Master's degree in a health related field at a Canadian institution. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

Some Canada Graduate Scholarship recipients may be considered for the honour of having their scholarship named a "Canada Graduate Scholarship to Honour Nelson Mandela," should CIHR deem their application to be aligned with at least one of five themes championed by Mandela: national unity; democracy; freedom and human rights; leadership; children’s participation in society; and children’s health.

Funding Details: The total amount available for this funding opportunity is $7M, enough to fund approximately 400 awards.

Additional Details
Contact Antonella Masciantonio in Graduate Studies to Apply
Sponsor Deadline: December 1, 2017

CIHR – Operating Grant: Opioid Crisis Knowledge Synthesis

This Funding Opportunity is expected to:

- Address the pressing evidence needs of knowledge users within one or more pillars of the CDSS.
- Increase the application of knowledge related to one or more pillars of the CDSS in policy and decision-making, in order to address the most urgent elements of the opioid crisis, including opioid-related mortality rates.
- Encourage syntheses 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 $1,850,000.

- The maximum amount per grant is $110,000 for up to 6 months ($100,000 for knowledge synthesis, $10,000 to facilitate knowledge translation, such as for an end-of-grant knowledge exchange).
- The maximum amount for a scoping review is $60,000 for up to 6 months ($50,000 for the scoping review, $10,000 to facilitate knowledge translation, such as for an end-of-grant knowledge exchange).

Additional Details
Internal HRS Deadline: November 21, 2017
Sponsor Deadline: December 5, 2017

CIHR – Joint Canada-Israel Health Research Program

This funding opportunity is expected to:

- Advance research and discovery in the biomedical sciences;
- Encourage scientific collaboration between Canadian and Israeli researchers and trainees; and
- Build capacity in biomedical science and foster scientific relations and collaborations with researchers and trainees in low and middle income countries.

Funding Details: The current competition will fund up to six teams, with a maximal annual budget of approximately $390,000 per team (NIS 1,257,965), for a total amount of approximately $1.17M over three years (NIS 3,773,896).

- ISF will administer the 6 funded grants to the Israeli Principal Applicant’s (PA) institution. The maximum amount per project that can be requested by the Israeli PA from ISF is up to NIS 1,540,000 over 3 years.
- IDRC will administer the 6 funded grants to the Canadian PA's institution. The maximum amount per project that can be requested by the Canadian PA from IDRC is up to CAD $670,000 over 3 years.

Additional Details
LOI Deadline: January 16, 2018
Internal HRS Deadline: January 30, 2018
Sponsor Deadline: February 13, 2018
CIHR – Team Grant: Research Network on Lyme Disease

The Lyme Disease Research Network grant is expected to:

1. Build a national network on Lyme disease to facilitate and support national collaboration among Lyme disease stakeholders (researchers, clinicians, and patients) in resource and knowledge sharing:
   - Mobilize, strengthen and build capacity in the Lyme disease research community.
   - Develop innovative multidisciplinary curricula and training opportunities for students and professionals.
   - Facilitate and support translation and dissemination of new knowledge from bench to bedside to population in order to:
     - Improve clinical science and practice;
     - Foster policy changes, leading to transformative and measureable improvements in the development and implementation of evidence-informed practices, policies, services, products and programs;
     - Improve patient outcomes, access to care and quality, efficiency and effectiveness of health care.

2. Develop a national cohort of patients in order to understand the association between serological and clinical phenomenology of Lyme disease on a longitudinal basis (including a biobank creation and maintenance).

Funding Details: The total amount available for this funding opportunity is $4 million, enough to fund approximately one research network up to a maximum of $1,000,000 per year for four years. This amount may increase if additional funding partners participate.

Additional Details
Internal HRS Deadline: February 20, 2018
Sponsor Deadline: March 6, 2018

CIHR – Operating Grant: SPOR PIHCI Network – Knowledge Synthesis Grants 2018

The specific objective of this funding opportunity is to support cross-jurisdictional teams of researchers and knowledge users to produce knowledge syntheses or scoping reviews relevant to the priorities of the Primary and Integrated Health Care Innovations (PIHCI) Network, contributing to the use of synthesized evidence in decision-making and practice across multiple jurisdictions.

Funding Details: The total amount available from CIHR for this funding opportunity is $125,000, enough to fund approximately five grants. The maximum CIHR annual amount per grant is $25,000 for up to one year.

- Applicants must secure partner contribution from non-federal sources to match the CIHR contribution at a minimum of 1:1 ratio.
- Only one project may be funded per unique grouping/combination of jurisdictions. An exception will be made if funds are remaining after all fundable applications with unique grouping/combinations of jurisdictions are funded.

Additional Details
Internal HRS Deadline: February 20, 2018
Sponsor Deadline: March 6, 2018

The Canadian Institute for Advanced Research (CIFAR) Global Call for Ideas

For more than three decades, CIFAR’s global research programs have connected many of the world’s best minds – across borders and disciplines – to shape new perspectives and spark ground-breaking ideas. Our commitment to sustained research interactions and engagement through interdisciplinary research networks offers researchers the rarest of commodities: freedom to take intellectual risks that are essential for creating truly transformative knowledge. CIFAR invites the global research community to submit proposals for new programs that address complex, fundamental questions of importance to the world. Ideas must be novel, bold, and potentially transformative to warrant the creation of a sustained, interdisciplinary, and collaborative research program. CIFAR is pleased to announce a second Global Call for Ideas, inviting research leaders from around the world to identify important global research challenges that would benefit from CIFAR’s approach to sustained research interactions that include diverse perspectives.

Submissions must address global, complex questions and identify an interdisciplinary research approach. Proposals will be accepted from all areas of research.

Additional Details
LOI Deadline: January 21, 2018
Announcement of short-listed proposals: Spring 2018
Sponsor Deadline: Fall 2018
Council of Ontario Universities (COU): The Ontario Women’s Health Scholars Awards 2018-2019

The Ontario Women’s Health Scholars Awards Program was established with the support of the Ministry of Health and Long-Term Care to ensure that Ontario attracts and retains pre-eminent scholars studying women’s health. The Ontario Women’s Health Scholars Awards Program aims to establish a research community that meets or exceeds internationally accepted standards of scientific excellence in its creation of new knowledge about women’s health and its translation into improved health for women, more effective health services and products for women, and a strengthened health care system.

**Funding Details:** For 2018-19, the program offers up to:

- three renewable one-year awards of $25,000 (plus a research allowance of $1,000) at the master’s level;
- three renewable one-year awards of $35,000 (plus a research allowance of $2,000) at the doctoral level; and
- two renewable one-year awards of $50,000 (plus a research allowance of $5,000) at the postdoctoral level.

**Additional Details**

Contact Antonella Masciantonio in Graduate Studies to Apply

Sponsor Deadline: December 1, 2017

Orthopaedic Trauma Association: Resident Grant

The principal investigator must be an orthopaedic resident (the co-principal investigator does NOT have to be a resident). Either the principal investigator, or co-principal investigator, must be an OTA member (in good standing). The research must be conducted in North America. OTA Resident Grants will not be awarded to subsidize larger on-going research projects.

**Funding Details:** Resident Grants up to $20,000 are available for clinical research or basic research projects.

**Additional Details**

Internal HRS Deadline: November 27, 2017

Sponsor Deadline: December 11, 2017 (Deadline has been extended)

OMeGA 2018-2019 Fellowship Grant

OMeGA is now accepting fellowship applications for the 2018-2019 academic years. Grants support clinical orthopaedic fellowship programs and may be used for a fellow’s salary and benefits. (Programs can request preapproval of other direct educational expenses if salary and benefit support is not possible.) Applications are scored individually and ranked in comparison to other subspecialty applicants. Awards are determined by available funding each academic year, which varies by subspecialty.

**Funding Details:** Up to $75,000

**Additional Details**

Internal HRS Deadline: November 21, 2017

Sponsor Deadline: December 5, 2017

Quebec Consortium for Drug Discovery (CQDM): Quantum Leap

The Quantum Leap strategic initiative aims to bring disruptive technologies or platforms to a point where services and/or products generated by the platforms could be commercialized or further developed for use by the industry and/or the scientific community. The program strongly encourages public-private partnership for the development of technologies that create value for all partners involved.

The research agenda extends to all scientific and technical fields related to biopharmaceutical R&D and all disciplines that could provide new cutting-edge platforms to enhance and improve biopharmaceutical research productivity. The expectations are that the translational research projects will generate tangible results with catalytic effects on developing optimized approaches to the treatment of diseases by the biopharmaceutical industry.

**Funding Details:** $500,000 to $2,000,000 for a minimum 1 year, maximum 3 years

**Additional Details**

Internal HRS Deadline: November 24, 2017

Sponsor Deadline: December 8, 2017
The American College of Gastroenterology: 2018 Smaller Programs Clinical Research Award

The main goals of this RFA are to stimulate pilot research at smaller clinical GI training programs, thereby encouraging junior faculty to pursue a research career and to remain in academics at these institutions. The mission of the ACG Clinical Research Awards program is to fund innovative patient-oriented research. For the purposes of these awards, patient-oriented research is defined as: (1) Research conducted with human subjects, (2) Research on new diagnostic and therapeutic interventions, and (3) Research on material of human origin, such as tissues and specimens. While research that explores mechanisms of human disease is highly encouraged, the research projects should be translational in nature with direct applicability to clinical care. In general, studies involving animals will not be considered unless the work cannot be done in humans.

**Funding Details:** The ACG Institute will support Clinical Research Awards of up to $35,000 specifically aimed to support junior faculty at smaller GI training programs in the United States and Canada.

Additional Details

Internal HRS Deadline: November 24, 2017
Sponsor Deadline: December 8, 2017

Juvenile Diabetes Research Foundation National Diabetes Psychology Fellowship Program

In collaboration with nationally recognized clinical psychologists with expertise in diabetes, JDRF has created a National Diabetes Psychology Fellowship program to increase capacity in diabetes clinical psychology and diabetes psychology research. The fellowship program sponsored by JDRF is a combination of clinical diabetes care and diabetes research. Each postdoctoral fellowship is a 12 month term. Fellowships follow a modified academic calendar, starting on Friday June 1st, 2018 and ending on Friday May 31st, 2019. The fellowship is intended for those at a relatively early stage of their career. Ordinarily, the most recent doctoral degree will have been received no more than 2 years prior to the application submission. There are no citizenship requirements for this program. To assure continued excellence and diversity among applicants and awardees, JDRF welcomes applications from all qualified individuals and from persons with disabilities, women and members of minority groups.

**Funding Details:** Each postdoctoral fellowship is a 12 month term. Fellowship stipends can be requested for up to a maximum of $54,000 USD per year and should follow the NIH fellowship standards.

Additional Details

Internal HRS Deadline: November 30, 2017
Sponsor Deadline: December 14, 2017

Alex’s Lemonade Stand Foundation (ALSF) Young Investigator Grant

Young Investigator Grants are 3 year awards designed to support scientists in the early stages of their research careers, such as postdoctoral or clinical fellows. Outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application. Applicants must have their M.D., Ph.D. or dual M.D., Ph.D. and must not have achieved an appointment higher than Instructor (Assistant Professor level faculty, including Adjuncts at this level, will not be considered). In addition:

- Applicants from accredited clinical fellowship programs are automatically eligible for the duration of their training and during their first three years at the Instructor level.
- All other applicants must be within five years from the granting of the last doctoral degree.

**Funding Details:** A Young Investigator Grant is $150,000 over 3 years

Additional Details

Internal HRS Deadline: December 1, 2017
Sponsor Deadline: December 15, 2017

The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA

The Silverstein Foundation for Parkinson’s with GBA seeks to support research that will study and develop cell transplant therapies for Parkinson’s disease. Specifically, the Silverstein Foundation is seeking proposal applications for cell transplant therapies with
disease modifying potential and/or the potential to significantly improve symptomatic treatment beyond standard of care in GBA-related Parkinson’s disease.

**Funding Details:** Applicants are required to submit a budget of both direct and indirect costs. Academic institutions may request up to 25% of direct costs.

**American Urological Association 2017 Residency Research Award**

Conducting urologic research is an exciting and vital activity for medical professionals. Research training during urology residency provides residents with exposure to this potential career path and experience to enable them to continue their development towards becoming independent investigators. Importantly, residency research training has the potential to address the critical and increasing shortfall of urology surgeon-scientists and to play a key role in departmental and institutional contributions to science and to improving patients’ lives through research. The Urology Care Foundation is proud to provide the Residency Research Award program. This program, initiated in 2010 and having funded ten awards thus far, is made possible through the support of the Urology Care Foundation, the Russell Scott, Jr., MD Urology Research Fund, and other sponsors. These awards are designed to support outstanding urology residents for a period of six months or one year while the resident fulfills his or her obligation for research training.

**Funding Details:** These awards provide up to $40,000 per year to conduct either six months or one year of research under the direction of an accomplished mentor. Sponsoring institutions provide matching funds and ensure that the awardee receives adequate research support.

**The Canadian Cancer Society: Travel Awards**

A limited number of Travel Awards to PhD or MD/PhD students, and post-doctoral/medical/clinical fellows are available. The purpose of this program is to defray the travel costs associated with making a scientific presentation as a first author or presenter at a conference, symposium or other appropriate professional meeting. Candidates must be attending a conference for the purpose of presenting data (paper or poster presentation) from a cancer-related project on a first-author or presenter basis. Applications will be accepted for conference dates within 6 months of the competition deadline date. Applications will not be accepted for conferences that have already taken place. Note that acknowledgement of CCS funding must be included in the paper or poster.

**Funding Details:** The Travel Award will be made to defray costs of travel, registration, accommodation, meals, ground transportation, etc., and will not exceed $2,000.

**Crohn’s and Colitis Canada: 2018 Grants-in-Aid of Research Competition**

The Crohn’s and Colitis Canada Grants-in-Aid of Research program supports research on inflammatory bowel disease (IBD). This research program helps advance prevention, treatments, health policy and, ultimately finds cures. Grants support research projects with a defined objective, conducted by an investigator working alone or in collaboration with others. A grant of $5,000, provided in partnership with the CIHR Institute of Nutrition, Metabolism and Diabetes (INMD), may also be awarded as a one-time lump sum to the highest ranked project from a new investigator. This funding would help support travel and ancillary costs for the individual to attend or speak at gastroenterology conferences or to purchase essential equipment necessary to their study.

**Funding Details:** Grants are awarded for a maximum of three years, at a maximum of $125,000 per annum.
**Crohn’s and Colitis Canada: 2018 Innovations in IBD Research**
Crohn's and Colitis Canada invites applications for an Innovations Grant to fund novel or innovative approaches to IBD research. This grant is intended to stimulate and support research which may not be encompassed within the boundaries of traditional medical research. Research proposals must conform to sound principles of research and may aim to collect pilot data for follow-on application(s). Our organization seeks mission relevance and excellence as well as innovation.

**Funding Details:** Grants to a maximum of $50,000 for one year may be awarded.

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**Ontario Genomics: Bioinformatics and Computational Biology Funding Competition (B/CB)**
Ontario Genomics is pleased to announce an upcoming Genome Canada funding opportunity for Bioinformatics and Computational Biology to be launched in December 2017. This funding opportunity is aimed at supporting research projects that address any aspect of bioinformatics and computational biology (B/CB) as it relates to genomics across all of Genome Canada’s sectors, i.e., human health, agriculture, aquaculture/fisheries, forestry, energy, mining and environment.

The objectives of this competition are:
- To support the development of next generation B/CB tools and methodologies needed to manage, analyze and integrate complex data sets produced by modern genomics technologies to better understand the associated biology; and,
- To provide broad and timely access of these B/CB tools to the research community.

**Funding Details:** $12M is available for multiple projects of $500k-$1M per project (total) for the duration of up to 3 years.

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**Ontario Respiratory Care Society (ORCS) Research Grant**
The objective of this fund is to promote research regarding any field of acute or chronic lung disease. Research may include investigation of any phenomenon pertinent to illness assessment, management, or responses of the individual with a respiratory condition. Research may also be aimed at health promotion, education and prevention issues. Studies may use quantitative or qualitative methodologies. The Lung Association – Ontario (TLA) is committed to supporting the best respiratory research in Ontario. TLA has established focus areas: asthma, air quality and smoking-related lung disease. Projects in these areas are encouraged. However, the primary criterion for the awarding of research monies shall be the excellence of the research proposal.

**Funding Details:** Awards are given for 12 calendar months from July 1 to June 30.

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**Ontario Respiratory Care Society (ORCS) Fellowship Awards**
The objective of the ORCS Fellowship Awards is to permit health care professionals who are members of the ORCS to pursue graduate study so that they may be better able to contribute to the field of respiratory illness, health care and education. The program should show evidence of a plan to foster theory, research and either a clinical or functional area of specialization. Studies may include research-related basic, applied or clinical study using quantitative or qualitative methodologies.
Funding Details: The Ontario Respiratory Care Society has only limited funds available. Normally, the monetary value of a fellowship award is:

- Full-time Studies: $7,500.00
- Part-time Studies: $3,750.00

**Additional Details**
**Internal HRS Deadline:** January 18, 2018
**Sponsor Deadline:** February 1, 2018

**Parkinson Canada Research Program**
The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson's conditions and the impact these diseases have on society. Parkinson Canada has released 6 new funding opportunities. Please refer to the additional details link for more information from the Parkinson Canada website.

**Funding Details:**
- **Pilot Project Grant** – One-year duration Maximum funding of $50,000
- **New Investigator Award** – Two-year duration $45,000 per year
- **Basic Research Fellowship** – Two-year duration $40,000-$50,000 per year
- **Clinical Movement Disorders Fellowship** – One-year duration $50,000
- **Clinical Research Fellowship** – Two-year duration $50,000 per year
- **Graduate Student Award** – Two-year duration $20,000 per year (including $5,000 from supervisor)

**Additional Details**
**Internal HRS Deadline:** January 18, 2018
**Sponsor Deadline:** February 1, 2018

**Bayer Hemophilia Awards Program**
The Bayer Hemophilia Awards Program supports basic and clinical research and education in hemophilia. Through grants provided to early career investigators, fellows in training, and other hemophilia care professionals, the program seeks to support the next steps for the next generation of care and treatment options for people with hemophilia worldwide.

**Funding Details:** The funding will be awarded to allow the project to run for one or two years. Up to three new awards will be made annually. The maximum grant is US$70,000 over one year or US$140,000 over two years.

**Additional Details**
**LOI deadline:** November 30, 2017
**Sponsor Deadline:** February 2018

**Cancer Research Society: Operating Grants Competition**
The Operating Grants Competition is the principal means by which the Cancer Research Society fulfills its mission to support fundamental, early translational and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating this disease.

Our Operating Grants Competition takes place every year and is open to researchers across Canada.

**Funding Details:** $60,000 per year for a duration of 2 years.

**Additional Details**
**LOI deadline:** December 5, 2017
**Internal HRS Deadline:** February 1, 2018
**Sponsor Deadline (By invite only):** February 15, 2018
Centre for Aging + Brain Health Innovation: Researcher-Clinician Partnership Program 2017
The Centre for Aging + Brain Health Innovation’s (CABHI) mission is to accelerate the development, validation, commercialization, dissemination and adoption of innovative products, services and best practices to support brain health and aging. Our vision is a world in which people can age in the setting of their choice, maintaining their well-being and independence for as long as possible. The Researcher-Clinician Partnership Program (RCP2) will support teams of clinicians and researchers collaborating to refine, test, validate and disseminate innovative solutions in real-world settings. Solutions must be at an advanced stage of development, with promising scalability.

Funding Details: Organizations of successful applicants will receive up to $500,000 (CAD) to support their projects. Projects cannot exceed 15 months in duration (including submission of final project report) and must begin by June 2018.

Additional Details
LOI deadline: November 30, 2017
Internal MILO Deadline: February 2, 2018
Sponsor Deadline (By invite only): February 16, 2018
*To Apply, Contact Glen Crossley, Assistant Director, Business Development, MILO at crosslg@mcmaster.ca extension 20372*

Simons Foundation (SFARI): Pilot and Research Awards
SFARI Pilot Award
This application type is for innovative, high-impact proposals requesting support for small-scale projects or early-stage experiments that will build on preliminary data or a prior track record and lead to competitive applications for funding by SFARI or other organizations. Investigators new to the field of autism are encouraged to apply for Pilot Awards. The total maximum award amount is $330,000, including indirect costs, for two years. Budgets for individual years can vary as long as the budget over two years does not exceed the maximum total award amount. Please note that SSC and Simons VIP biospecimen costs are not included in the maximum budget.

SFARI Research Award
This application type is for competitive proposals from investigators with demonstrated expertise requesting support for compelling, high-impact research on experimental hypotheses for which, in most cases, preliminary data have already been gathered. The foundation will also consider projects focusing on a central hypothesis where success depends on close collaboration between two or more labs.

We expect to fund proposals for a maximum total award amount of $975,000, including indirect costs, for three years, but under exceptional circumstances we will consider proposals at higher levels. Budgets for individual years can vary as long as the budget over three years does not exceed the maximum total award amount. We realize that research involving human subjects can be costly, and we will consider proposals with budgets of up to $1,200,000, including indirect costs, for three years if justified in the budget. (This grant mechanism is not intended to support large, randomized clinical trials of medications.) We strongly encourage PIs considering such studies to discuss their proposals and budgets with SFARI science staff before submission (please contact scienceRFA@simonsfoundation.org). Proposals with unusually high budgets are subject to heightened scrutiny. Please note that SSC and Simons VIP biospecimen costs are not included in the maximum budget.

Funding Details:
- Pilot Award: Up to $330,000 for up to 2 years.
- Research Award: Up to $975,000 for 3 years.

Additional Details
LOI deadline: December 1, 2017
Internal HRS Deadline: February 12, 2018
Sponsor Deadline (By invite only): February 26, 2018

Weston Brain Institute: Transformational Research Canada 2018 Neurodegenerative Diseases of Aging
The Weston Brain Institute is delighted to launch their Transformational Research: Canada 2018 Program to fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data. Their goal is to provide funding for translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging.
Eligible Principal Applicants must be researchers working in Canada at least 30% of the time 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/Collaborators must be at the post-doctoral level or above and can be working outside Canada.

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

**Additional Details**
LOI deadline: December 7, 2017
Sponsor Deadline (By invite only): March 2018

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**The Canadian Cancer Society: Innovation Grants**

Innovation Grants have been created to support innovative, creative problem solving in cancer research. As competition for grant funding increases, peer review panels become more conservative and risk averse, emphasizing feasibility more than innovation. The goal of this CCS Research grant program is to support unconventional concepts, approaches or methodologies to address problems in cancer research. Innovation projects will include elements of creativity, curiosity, investigation, exploration and opportunity. Successful projects may be based on “high risk” ideas, but will have the potential for “high reward” (i.e. to significantly impact our understanding of cancer and generate new approaches to combat the disease by introducing novel ideas into use or practice).

**Funding Details:** Grant budgets may be up to $100,000 per year and a maximum of $200,000 per grant. Grant expenditures may be extended over 3 years if justified in the application. Grants will be non-renewable.

**Additional Details**
LOI Deadline: December 15, 2017
Internal HRS Deadline: March 15, 2018
Sponsor Deadline: March 29, 2018

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**The Canadian Cancer Society: Innovation to Impact Grants**

Innovation to Impact Grants (i2I) are intended to support the further development of significant findings based on the goals originally explored through a funded CCS Innovation Grant or an eligible CBFC grant. Note: Only investigators with a funded Innovation Grant OR CBFC grant with a project end date between January 1, 2015 and July 31, 2018 are eligible for this program. Applicants are required to articulate significant achievements from the original Innovation Grant or CBFC Grant (i.e., significant new knowledge, publications, intellectual property, technology development, or relevant endpoints) and clearly describe and justify the progression to the new research proposed. Applicants must also describe the potential for impact of the proposed project on cancer. Any applications that are not appropriate, as determined through a review of the abstract registration, will not be eligible to proceed to the full application stage. Investigators looking to explore unexpected outcomes or ideas not originally proposed in a funded Innovation Grant or CBFC grant are encouraged to apply for a new Innovation Grant as the Innovation to Impact Grant program is designed to build upon successful outcomes from the objectives of the original Innovation/CBFC grant.

**Funding Details:** Grant budgets may be up to $150,000 per year with a maximum of 3 years of funding. Grants will be non-renewable.

**Additional Details**
LOI Deadline: December 15, 2017
Internal HRS Deadline: March 15, 2018
Sponsor Deadline: March 29, 2018

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**MITACS Accelerate Internship Opportunities**

Five United Ways across Canada have come together in a pilot partnership with Mitacs to provide funding and training for graduate students and postdocs for research related to social inclusion. Social Inclusion as an issue is of broad interest to United Way’s across Canada and the United Way movement worldwide. Inclusion is a strategy to leverage diversity. Diversity always exists in social systems. Inclusion, on the other hand, must be created. In order to leverage diversity, an environment must be created where people feel supported, listened to and able to do their personal best. Social inclusion (sometimes referred to as a sense of belonging) is the act of making all groups of people within a society feel valued and important. It is the process of improving the terms on which individuals and groups take part in society—improving the ability, opportunity, and dignity of those disadvantaged on the basis of their identity.
Funding Details: Get a stipend/salary starting at $10,000 per four-month period

Additional Details
LOI Deadline: January 8, 2018
Internal HRS Deadline: March 18, 2018
Sponsor Deadline: April 1, 2018

Weston Brain Institute Rapid Response: Canada 2018 Parkinson’s & Related Diseases – Round 1
Seed funding for novel, high-risk, high-reward translational research to accelerate the development of safe and effective treatments for neurodegenerative diseases of aging. Principal applicants must be at or above the level of postdoctoral researcher at a CRA qualified institution located in Canada. Project must involve the development of a therapeutic, and/or a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.

Funding Details: Maximum $200,000 over up to 18 mos.

Additional Details
LOI Deadline: December 4, 2017
Internal HRS Deadline: March 21, 2018
Sponsor Deadline: April 4, 2018 (by invite only)

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

MITACS Globalink Research Award – Special Opportunity
The Mitacs Globalink Research Award supports international research collaboration. Special research funding is available for graduate students with uncertain status in their current location, to conduct research at a Canadian university.

Funding Details:
- $5,000 award from Mitacs to support student travel and accommodation expenses, research-related expenses, and student stipend
- 12-24 week project at a Canadian university Supervised by Canadian faculty
- Applications are accepted at any time and will be processed as received.

Additional Details
Sponsor Deadline: Ongoing
Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call

CIFAR is announcing the launch of a new opportunity to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. We have designed a research workshop program for short-term, time-limited interactions of 10 to 20 people.

Funding Details: A high-level budget is required for up to a maximum of $50,000 CAD

Additional Details
Sponsor Deadline: Ongoing

Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award

This award program is designed to enhance our existing support of autism research by providing timely resources to enable focused experiments highly relevant to our mission. A deeper understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches will require investigation at multiple levels, including but not limited to studies focused on gene discovery, molecular mechanisms, circuits, anatomy, and cognition and behavior. We will consider proposals at all of these levels.

Funding Details: SFARI will support applications for maximum of $70,000, including indirect costs, for one year, non-renewable.

Additional Details
Sponsor Deadline: Ongoing

Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2017

Three new awards are available. Please refer to the additional details link for more information from the DoD website.

Funding Details:

- **Era of Hope Scholar Award II** – Maximum funding of $2.5M for direct and indirect costs for a maximum of 4 years.
- **Breakthrough Award Levels 1 and 2 II**:
  - **Funding Level 1** - Maximum funding of $375,000 for direct and indirect costs for a maximum of 3 years
  - **Funding Level 1 with Partnering PI Option** – Maximum funding of $600,000 for direct and indirect costs for a maximum of 3 years.
  - **Funding Level 2** – Maximum funding of $750,000 for direct and indirect costs for a maximum of 3 years.
  - **Funding Level 2 with Partnering PI Option** – Maximum funding of $1M for direct and indirect costs for a maximum of 3 years.
- **Breakthrough Fellowship Award II** – Maximum funding of $300,000 for direct and indirect costs for a maximum of 3 years.

Additional Details
LOI Deadline: November 21, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 24, 2017
Sponsor Deadline: December 6, 2017

Department of Defense Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) Applied Behavior Analysis Clinical Study Award

This award supports a prospective clinical study that will evaluate the effectiveness of the tiered delivery model of Applied Behaviour Analysis (ABA) for individuals diagnosed with Autism Spectrum Disorder (ASD). Findings from the clinical study should lead to a thorough and detailed understanding of the outcomes of ABA services delivered to participants diagnosed with ASD who receive tiered model ABA services. The proposed clinical study should address the following list of variables (not all-inclusive): ASD symptom severity, cognitive and adaptive functioning, ABA services, services other than ABA utilized, and other demographic variables. Although not required, investigators are strongly encouraged to include TRICARE beneficiaries diagnosed with ASD in the study population.

Funding Details: Maximum funding of $7,000,000 for direct and indirect costs for a maximum of 4 years.
Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2017

The Department of Defense has announced two new funding opportunities in the LRP for fiscal year 2017.

- **Concept Award** – Investigators at all academic levels are eligible. This award supports high-risk studies that have the potential to reveal new avenues for investigation into lupus.
- **Impact Award** – Only assistant professor level or above (or equivalent) are eligible. This award supports new high-risk, high-reward ideas that could lead to critical discoveries or major advancements in the field of lupus research. Applications must describe how the new idea will enhance existing knowledge of lupus or develop a novel course of investigation.

Funding Details:
- **Concept Award** – Maximum funding of $150,000 for direct and indirect costs for a maximum of 1 year.
- **Impact Award** – Maximum funding of $525,000 for direct and indirect costs for a maximum of 3 years.

Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2017

Four new awards are available. Please refer to the additional details link for more information from the DoD website.

Funding Details:
- **Consortium Development Award** – Maximum Funding of $1 Million Total Costs for a maximum of 2 years.
- **Idea Development Award** – Maximum Funding of $400,000 for direct and indirect costs for a maximum of 3 years.
- **Concept Award** – Maximum Funding of $75,000 for direct and indirect costs for a maximum of 1 year.
- **Translational Research Partnership Award** – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years.

Department of Defense Medical Simulation and Information Sciences Research Program (MSISRP) Funding Opportunities for Fiscal Year 2017

This Opportunity seeks to support basic research that dramatically advances the state of the art in civilian and military trauma care at the first responder point of care, during prolonged field care of combat casualties, and extended enroute care that can potentially be mitigated by leveraging novel ideas and designs that are yet to be invented in soft robotic, semiautonomous and autonomous concepts and systems for hemorrhage control, resuscitation, vascular and surgical control of combat casualties, and transport for critical care patients in unmanned vehicles.

Funding Details: Maximum Funding of $1,300,000 for direct and indirect costs for a maximum of 2 years
Department of Defense Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) Peer Support Program (PSP) Translational Research Award

Applications to the FY17 PSP Translational Research award should examine the efficacy and effectiveness of peer-to-peer support interventions to translate and integrate content into the everyday routines of Service members to enhance psychological health readiness and mitigate negative behavioral health issues including suicide behaviors. Applications should focus on research to evaluate the efficacy and effectiveness of peer support programs that could be implemented in the military.

Funding Details: Maximum Funding of $3M for direct and indirect costs for a maximum of 3 years

Additional Details
LOI Deadline: **January 5, 2018** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **January 12, 2018**
Sponsor Deadline: **January 19, 2018**
In this issue:

- McMaster Institute for Research on Aging (MIRA), Call for Participation: MIRA Working Group - Brainstorming Sessions November 20, 21, 2017
- Canadian Institute for Advanced Research (CIFAR): Global Call for Ideas, Second Call – Notify ROADS of Intent to Apply by December 4, 2017; Letter of Intent deadline January 21, 2018
- Canadian Cancer Society: Grants – Abstract registration deadline December 15, 2017
- Department of Defense, Congressionally Directed Medical Research Programs: FY17/18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Peer Support Program (PSP) Translational Research Award – Pre-application (Letter of Intent) deadline January 5, 2018; Application deadline January 19, 2018
- Crohn’s and Colitis Canada: 2018 Innovations in IBD Research Competition – Application deadline January 19, 2018
- Genome Canada: Bioinformatics and Computational Biology Funding Competition (B/CB) – Registration deadline January 31, 2018
- Academy of Motion Picture Arts and Sciences: Academy Film Scholars – Application deadline January 31, 2018
- Parkinson Canada: Grants – Application deadline February 1, 2018

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

• Burroughs Wellcome Fund: Collaborative Research Travel Grants – Application deadline February 1, 2018

• The Lung Association – Ontario, Ontario Respiratory Care Society (ORCS): ORCS Research Grant – Application deadline February 1, 2018

• Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges – (approximate) Application deadline May 14, 2018

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply by October 24, 2017; Application deadline December 15, 2017

• McMaster University, Faculty of Engineering, McMaster.AI: Workshop – November 29, 2017

• Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1 – Letter of Intent deadline December 4, 2017

• Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging – Letter of Intent deadline December 7, 2017

• Québec Consortium for Drug Discovery (CQDM): Quantum Leap – Phase I Application deadline December 8, 2017

• Ontario Brain Institute: Event Funding Program – Application deadline December 15, 2017

• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Kidney Cancer Research Program (KCRP): Awards (Grants) – Pre-application deadline December 20, 2017; Application deadline January 4, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Lupus Research Program (LRP): Awards (Grants) – Pre-application deadline December 21, 2017; Application deadline January 4, 2018

• The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA – Application deadline December 31, 2017

• Tinker Foundation Incorporated: Institutional Grants - Letter of Inquiry deadline January 29, 2018; Application deadline March 1, 2018

• Graham Foundation: Grants to Organizations – Notify ROADS of Intent to Apply by January 29, 2018;
Application deadline February 25, 2018

- World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019 – Application deadline February 12, 2018

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

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

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

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

- Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award – 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.

McMaster Institute for Research on Aging (MIRA), Call for Participation: MIRA Working Group

The MIRA is in the process of developing two major, multi-year research programs that will bring together interdisciplinary teams of researchers, along with end users, to advance research in mobility and aging in two broad topic areas: 1) Technology, Environment and Mobility; 2) Exercise, Nutrition and Mobility.

Each program of research will a) be led by a working group, b) include multiple, interrelated projects, c) develop and submit a proposal for funding to the MIRA. All proposals will be vetted and reviewed by the MIRA International Scientific Advisory Committee.

http://mira.mcmaster.ca/

Researchers from all Faculties are encouraged to attend one or both brainstorming sessions:

1) Technology, Environment and Mobility: November 20, 2017, 12:00 – 4:00pm.
Register at: https://docs.google.com/forms/d/e/1FAIpQLScPddcH1iPFN_isDh2ir2Bw_vtjRggAMmbTXDeDESNJq68h_w/viewform

2) Exercise, Nutrition and Mobility: November 21, 2017, 9:00am - 12:30pm
Register at: https://docs.google.com/forms/d/e/1FAIpQLSc9w4zzolGFgIcQ7gpJOhqn8eInfZBF5m_gPUE4MlqtpxKkMQ/viewform
**Contact:**
Audrey Patocs, Research Coordinator, MIRA, McMaster Innovation Park, patocsae@mcmaster.ca, extension 22877

When registering, please email your completed version of the Researcher Landscape Map to the contact above. Additional information will be forwarded to registered attendees in advance of the sessions.

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**Canadian Institute for Advanced Research (CIFAR): Global Call for Ideas, Second Call**

The objective of the Global Call for Ideas is to invite the global research community to 1) maintain research interactions and engagement through interdisciplinary research networks, 2) shape new perspectives, 3) spark ground-breaking ideas and take intellectual risks, 4) submit proposals for new programs that address complex, fundamental questions of importance to the world.

Ideas must be novel, bold and potentially transformative to warrant the creation of a long-term, multi-disciplinary and collaborative research program.

**Value:**
CIFAR supports research in two ways:

1) CIFAR brings researchers from across the world together for face-to-face collaboration;
2) CIFAR Fellows receive support on an individual basis for a 5 year period.

The program is only renewed if it is deemed to be transforming fields of study, and if it has charted out an ambitious collaborative research question for the next five years.

The support can be used quite flexibly – for teaching load adjustments, student stipends and postdoctoral fellow support, amongst other uses consistent with the requirements of the researcher’s department and/or university. CIFAR will develop the budget once a program has been approved.

CIFAR does not fund infrastructure or pre-existing research programs.

https://www.cifar.ca/assets/cifar-global-call-for-ideas/

**Application process:**
Notify ROADS of intent to apply by **December 4, 2017**. Draft Letter of Intent (LOI) due to ROADS by **January 8, 2018**. The CIFAR LOI deadline is **January 21, 2018**.

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

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**Cancer Research Society: 2018-2020 Operating Grants**

The objective of the Operating Grant is to support fundamental, early translational, and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating the disease.

https://www.societederecherchesurlecancer.ca/en/researchers/operating-grants
Value:
$60,000 per year for 2 years

Application process:
The Cancer Research Society letter of intent deadline is December 5, 2017.

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

Canadian Cancer Society (CCS): Grants

The CCS has recently announced the following funding opportunities:

1) **Innovation Grants**, the objective: to support innovative, unconventional concepts, approaches or methodologies to address problems in cancer research. Innovation projects will include elements of creativity, curiosity, investigation, exploration and opportunity. Successful projects may be based on high risk ideas and have the potential for high reward. There is funding available for a meritorious application focused on uterine cancer. Applications are encouraged in this area. [http://www.cancer.ca/en/research/grants-and-awards/current-funding-opportunities/innovation-grants/](http://www.cancer.ca/en/research/grants-and-awards/current-funding-opportunities/innovation-grants/)

2) **Innovation to Impact Grants**, the objective: to support the further development of significant findings in cancer research based on the goals originally explored through a funded CCS Innovation Grant, or an eligible Canadian Breast Cancer Foundation (CBCF) grant. Only investigators with a funded Innovation Grant, or a CBCF grant with a project end date between January 1, 2015 and July 31, 2018 are eligible for this program. Applicants are required to articulate significant achievements (i.e., significant new knowledge, publications, intellectual property, technology development, or relevant endpoints) and clearly describe and justify the progression to the new research proposed. [http://www.cancer.ca/en/research/grants-and-awards/current-funding-opportunities/innovation-to-impact-grants/](http://www.cancer.ca/en/research/grants-and-awards/current-funding-opportunities/innovation-to-impact-grants/)

Value:

**Innovation**: up to $100,000 per year, maximum $200,000 per grant.
Grant expenditures may be extended over 3 years.
The funds support the direct costs of research including supplies, salaries and equipment (equipment requests cannot exceed 25% of the requested budget).

**Innovation to Impact**: up to $150,000 per year, maximum 3 years
The funds support the direct costs of research including supplies, salaries and equipment. The equipment requests should not exceed $50,000 of the requested budget, however, an increase in this portion of the budget will be considered as an exceptional case if the application involves the development of a technology, or a platform that requires specific equipment to do so.

Application process:
**Innovation**: The CCS abstract registration deadline is December 15, 2017. The application deadline is March 29, 2018.
**Innovation to Impact**: The CCS abstract registration deadline is December 15, 2017.

The objective of the MTRF Competition is to support high quality and rigorous research in massage therapy. Eligible research topics include, but are not limited to:

1) Massage therapy effectiveness, efficacy and safety;
2) Access to and delivery of massage therapy services;
3) Professionalization of massage therapy;
4) Massage Therapy competencies and competency assessment;
5) Evaluation of massage therapy practice.

http://www.mtrf.ca/

Value:
maximum $40,000 per project
The research project must not take longer than 2 years from the date the grant is released.

Application process:
The application deadline is December 18, 2017.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY17/18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Peer Support Program (PSP) Translational Research Award

The objective of the PH/TBIRP PSP Translational Research Award is to support examinations of efficacy and effectiveness of peer-to-peer support interventions to 1) translate and integrate content into the everyday routines of Service members, 2) enhance psychological health readiness, 3) mitigate negative behavioral health issues including suicide behaviors.

The interventions should a) leverage public health paradigms (e.g., the social-ecological model, behavior change theory and adult learning theory), b) be sensitive to the time and contextual constraints associated with occupation and lifestyle. Interventions that include an electronic or virtual component will be considered, however, applicants must demonstrate that such components will ensure the interventions are interactive and engaging.

Considerations such as how peer-to-peer support would accommodate military culture including varied ranks and structure, gender, and occupation requirements should be taken into account.
Value:
maximum $3 million over 3 years

Application process:
The DoD pre-application (letter of intent) deadline is January 5, 2018. The application deadline is January 19, 2018.

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

Crohn’s and Colitis Canada: 2018 Innovations in IBD Research Competition

The objective of the Innovations in IBD Research Competition is to stimulate and support novel or innovative approaches to inflammatory bowel disease. Funding is available for projects that 1) are deemed scientifically excellent, 2) will refine hypotheses and/or produce preliminary data that will help seed larger projects, 3) have the potential to improve diagnosis, therapy, or prevention of IBD.

Value:
maximum $50,000 for 1 year

Application process:
The Crohn’s and Colitis Canada application deadline is January 19, 2018.

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

Genome Canada: Bioinformatics and Computational Biology Funding Competition (B/CB)

Ontario Genomics has recently announced an upcoming Genome Canada funding opportunity for Bioinformatics and Computational Biology (B/CB) to be launched in December, 2017.

The objective of the B/CB is to 1) support the development of next generation B/CB tools and methodologies needed to manage, analyze and integrate complex data sets, produced by modern genomics technologies, to better understand the associated biology; 2) provide broad and timely access of the B/CB tools to the research community.

This opportunity is aimed at supporting research projects that address any aspect of bioinformatics and computational biology, as it relates to genomics across all of Genome Canada’s sectors.
Focus:
*Stream 1*: proposals mainly impacting the human health sector;
*Stream 2*: proposals mainly impacting one or more sectors - agriculture, aquaculture/fisheries, forestry, energy, mining and/or environment.


**Value:**
$500,000 - $1 million per project (total) up to 3 years
Co-funding: 50% from Genome Canada + 50% from other eligible sources (1:1)

**Application process:**
Ontario Genomics registration deadline is **January 31, 2018**. The application deadline to be determined.

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

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**Academy of Motion Picture Arts and Sciences: Academy Film Scholars**

The objective of the *Academy Film Scholars* is to support new English-language projects that address cultural, educational, historical, theoretical or scientific aspects of theatrical motion pictures.

The Academy seeks to:

1) promote diversity;
2) bridge the opportunity divide;
3) attract and engage broad new audiences for theatrical motion pictures;
4) provide a platform for underrepresented artists, the full range of film genres, and a variety of viewpoints and approaches;
5) encourage filmmaking as a vocation;
6) illuminate less visible aspects of filmmaking and the film industry through scholarly research, presentations and discussions.

http://www.oscars.org/education-grants/academy-film-scholars

**Value:**
$25,000
Applicants provide a timetable for completing the project.

**Application process:**
The Academy of Motion Picture Arts and Sciences application deadline is **January 31, 2018**.

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

The Parkinson Canada Research Program funds research into the 1) cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, 2) related disorders including Multiple System Atrophy, Progressive Supranuclear Palsy, other Parkinson's conditions, 3) impact these diseases have on society.

Parkinson Canada has recently announced the following funding opportunities:

1) **Pilot Project Grants**, the objective: to foster novel, high-potential projects and ideas with a trajectory for major grants with larger granting institutions.

*Targeted Competition: Progressive Supranuclear Palsy (PSP)*, 1 Pilot Project Grant available.

2) **New Investigator Award**, the objective: to support junior faculty in the first 5 years of their career as a research scientist in Canada.

https://parkinsoncan.fluidreview.com/

**Value:**

**Pilot Project**: maximum $50,000 for 1 year

Funds granted through the Pilot Project Program will comprise 25-50% of the total amount of funds granted under the Program.

**New Investigator**: maximum $45,000 per year for 2 years

**Application process:**
The Parkinson Canada application deadline is **February 1, 2018**.

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

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Burroughs Wellcome Fund: Collaborative Research Travel Grants

The objective of the **Collaborative Research Travel Grant** is to support Ph.D. travel to acquire new interdisciplinary research techniques.

The grant must be used for domestic or international travel to another lab to learn new research techniques, or begin, or continue a collaboration to address biomedical questions. All proposals must be cross-disciplinary. Proposals from biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer are encouraged to apply.

https://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants

**Value:**
maximum $15,000
Travel cannot extend beyond December 31, 2019.

**Application process:**
The Burroughs Wellcome Fund application deadline is **February 1, 2018.**

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

**The Lung Association – Ontario, Ontario Respiratory Care Society (ORCS): ORCS Research Grant**

The objective of the **ORCS Research Grant** is to promote research regarding any field of acute or chronic lung disease. The research may include investigation of any phenomenon pertinent to illness assessment, management, or response of the individual with a respiratory condition. The research may also be aimed at health promotion, education, and prevention issues. Studies may use quantitative or qualitative methodologies.

The established focus areas include: 1) Asthma; 2) Air Quality; 3) Smoking-related lung disease.

[https://lungontario.ca/research/apply/](https://lungontario.ca/research/apply/)

**Value:**
Applicants are required to submit a budget for 1 year.

**Application process:**
The ORCS application deadline is **February 1, 2018.**

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

**Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges**

The objective of the **Misk Grand Challenges** is to offer 100 young innovators a grant to develop their ingenious ideas into a concrete proof of concept. The proposed solutions must target people under age 30, in addition to any specific criteria mentioned in individual challenges.

**Focus:**


[http://miskgrandchallenges.org/challenges.html](http://miskgrandchallenges.org/challenges.html)

**Value:**
Awards total $100,000 USD each, provided over 2 years, with an opportunity to apply for follow-on funding.
Application process:
The first application window opens November 14, 2017 and will be open for six months. The Misk Foundation application deadline is May 2018. (the approximate deadline, May 14, 2018) Additional information to follow. http://miskgrandchallenges.org/challenges.html.

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

Previously announced:

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

SSHRC is now accepting applications for the Partnership Engage Grants competition. The grant is expected to respond to the objectives of the SSHRC Insight and the SSHRC Connection programs. (review Insight Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programs-programme_cadre/insight-savoir-eng.aspx; review Connection Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programs-programme_cadre/connection-connexion-eng.aspx)

Both Programs 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.

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


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

Application process:
Notify ROADS of intent to apply by October 24, 2017. The initial draft of the application and letters of support are due to ROADS by November 23, 2017. The final draft and a completed and signed Application Approval Form are due to ROADS by December 7, 2017. The SSHRC application deadline is December 15, 2017. (also March 15, 2018 and June 15, 2018)
McMaster University, Faculty of Engineering, McMaster.AI: Workshop

The McMaster Faculty of Engineering is hosting an *Artificial Intelligence (AI) Workshop* to discuss the current and future impact of AI as it relates to society, industry, academia, and policy-making. The full-day workshop will feature invited speakers and panelists from McMaster University, Queen’s University, and members of the Ontario private sector. A reception and research showcase will follow.

**Event**
**November 29, 2017, 9:00am-5:00pm**
Reception: 5:00-6:30pm
McMaster Innovation Park, Conference Room BCD
Register at: [http://macai.mcmaster.ca/](http://macai.mcmaster.ca/) (and review About AI and Speakers)

**Contact:**
Sarah Anstett, Research Support Coordinator, Faculty of Engineering, [anstets@mcmaster.ca](mailto:anstets@mcmaster.ca), extension 27129

Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1

The objective of this Call is to provide seed funding for novel, high-risk, high-reward translational research to accelerate the development of safe and effective treatments for neurodegenerative diseases of aging.

*Parkinson’s & Related Diseases* include: 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 a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.

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 November 2017).

[http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

**Program Information Webinar**
The Weston Brain Institute hosted a Program Information Webinar on October 10, 2017. (registration [https://register.gotowebinar.com/register/4497947423299780098](https://register.gotowebinar.com/register/4497947423299780098))

**Value:**
maximum $200,000 over a maximum 18 months
**Application process:**  
The Weston Brain Institute letter of intent deadline is **December 4, 2017**.

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

**Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging**

The objective of the *Transformational Research: Canada 2018* program is to 1) support translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging, 2) fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

http://westonbraininstitute.ca/transformational-research-canada-2018/

**Program Information Webinar**  
The Institute held an online Program Information Webinar on October 25, 2017, at 1:00pm EDT. The session provided comprehensive information on the application process and an opportunity for open questions.  
Registration: [https://register.gotowebinar.com/register/5977228168556194819](https://register.gotowebinar.com/register/5977228168556194819)

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

**Application process:**  
The Weston Brain Institute letter of intent deadline is **December 7, 2017**.

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

**Québec Consortium for Drug Discovery (CQDM): Quantum Leap**

The objective of the *Quantum Leap* program is to support highly innovative technologies, tools and platforms that 1) accelerate or facilitate the drug discovery/development process, 2) prevent, treat or cure diseases pursued by the biopharmaceutical industry.  
The program aims to bring disruptive technologies or platforms to a point where services and/or products generated by the platforms could be commercialized, or further developed for use by the industry and/or the scientific community. The program strongly encourages public-private partnerships.

The research agenda extends to all scientific and technical fields related to biopharmaceutical R&D, and all disciplines, to enhance and improve biopharmaceutical research productivity.


**Value:**  
$500,000 to $2,000,000 for a minimum 1 year, maximum 3 years
Application process:
The CQDM phase 1 application deadline is **December 8, 2017**.

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

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**Ontario Brain Institute (OBI): Event Funding Program**

The objective of the *Event Funding Program* is to support initiatives that are compatible with the vision, goals and objectives of the OBI (review *About OBI: Our Work* at [http://braininstitute.ca/about-obi/our-work](http://braininstitute.ca/about-obi/our-work)).

An event may:

1) stimulate breakthroughs in brain research;
2) encourage translation of new discoveries to clinical practice;
3) facilitate connections among neurological charities, neuroscience researchers, and people living with brain disorders;
4) assist in the education and training of neuroscience researchers;
5) raise public awareness of brain disorders;
6) raise Ontario’s international profile in brain research and innovation.

[http://braininstitute.ca/programs-opportunities/event-funding-program](http://braininstitute.ca/programs-opportunities/event-funding-program)

**Value:**
maximum $5,000

**Application process:**
The OBI application deadline is **December 15, 2017**.

**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: FY17 Kidney Cancer Research Program (KCRP): Awards (Grants)**

The DoD *KCRP* has recently announced the following funding opportunities:

1) **Consortium Development Award:** The award is a clinical trial infrastructure mechanism that provides support to 1) create a Coordinating Center, 2) establish collaborations with clinicians and scientists at potential Clinical Trial Sites, for the development of a multi-institutional kidney clinical effort, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.

The consortium must be a geographically dispersed coalition including a Coordinating Center and at least three Clinical Trial Sites.

Clinical infrastructure development includes, but is not limited to:
. establishing appropriate collaborations;
. outlining an administrative management plan;
. developing research management and communication plans;
. devising and implementing an intellectual property plan.


2) **Idea Development Award**: The award supports innovative ideas and high-impact approaches to eliminate kidney cancer. The research project must 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.


3) **Concept Award**: The award supports 1) highly innovative, untested, potentially ground-breaking, novel concepts in kidney cancer, 2) high-risk studies and serendipitous observations that have the potential to reveal entirely new avenues for investigation, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.


4) **Translational Research Partnership Award**: The award supports partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in kidney cancer into clinical applications, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public. Observations that drive a research idea may be derived from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patients and anecdotal data.


**Value:**

- **Consortium Development**: maximum $1 million over 2 years
- **Idea Development**: maximum $400,000 over 3 years
- **Concept**: maximum $75,000 over 1 year
- **Translational Research Partnership**: maximum $600,000 over 3 years

**Application process:**
The DoD pre-application deadline is **December 20, 2017**. The application deadline is **January 4, 2018**.

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs:**
**FY17 Lupus Research Program (LRP): Awards (Grants)**

The DoD **LRP** has recently announced the following funding opportunities:

1) **Concept Award**: The award supports the exploration of 1) highly innovative new concepts or untested theories that address important problems relevant to lupus, and 2) high-risk studies that have the potential to reveal new avenues for investigation. The research completed through a Concept Award may generate sufficient
preliminary data to enable the Principal Investigator to prepare an application for future research. (review Focus Areas, page 3 at http://cdmrp.army.mil/funding/pa/FY17-LRP-CA.pdf)

2) Impact Award: The award supports 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. Inclusion of preliminary data is encouraged. (review Focus Areas, page 3 at http://cdmrp.army.mil/funding/pa/FY17-LRP-IA.pdf)

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

Value:
Concept: maximum $150,000 over 1 year
Impact: maximum $525,000 over 3 years

Application process:
The DoD pre-application deadline is December 21, 2017. The application deadline is January 4, 2018.

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

The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA

The objective of the Request for Proposals is to support research that will study and develop cell transplant therapies for Parkinson’s Disease.

Specifically, the Foundation is seeking proposal applications for cell transplant therapies with disease modifying potential and/or the potential to significantly improve symptomatic treatment, beyond standard of care, in glucocerebrosidase (GBA) gene-related Parkinson’s Disease. (review Special Eligibility Criteria at https://silversteinfoundation.org/rfp/)

Value:
Applicants are required to submit a budget of both direct and indirect costs. Academic institutions may request up to 25% of direct costs.

Application process:
The Silverstein Foundation application deadline is December 31, 2017.

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

Tinker Foundation Incorporated: Institutional Grants

The objective of the Institutional Grant is to support the creation of effective policy changes to improve the lives of Latin Americans.
The Board of Directors has identified three program areas in which focused, expert research and innovation has the potential to make significant positive impact:

1) Democratic Governance (review http://www.tinker.org/content/democratic-governance);
2) Education (review http://www.tinker.org/content/education);
3) Sustainable Resource Management (review http://www.tinker.org/content/sustainable-resource-management).

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.

Value:
Applicants are required to submit an itemized annual budget for the cost of the project.

Application process:
The Tinker Foundation Incorporated letter of inquiry deadline is January 29, 2018 (or earlier). The Foundation would appreciate receiving inquiries at least four weeks in advance of the application deadline to allow time for consultation with a program officer, and for proposal development.

The application deadline is March 1, 2018.

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

Graham Foundation: Grants to Organizations

The objective of the Grants to Organizations is to:

1) assist with the production and presentation of significant programs regarding architecture and the designed environment, in order to promote dialogue, raise awareness, develop new and wider audiences;
2) support the organization in their effort to take risks in programming and create opportunities for experimentation;
3) recognize the vital role the organization plays in providing individuals with a public forum in which to present their work;
4) help the organization to realize projects that would otherwise not be possible without the Foundation’s support.

The Graham Foundation offers Production and Presentation Grants to organizations. The grants assist organizations with the production-related expenses that are necessary to take a project from conceptualization to realization, and public presentation. The projects include but are not limited to publications, exhibitions, installations, films, new media projects, conferences/lectures, and other public programs.
Projects must have clearly defined goals, work plans, budgets, production and dissemination plans.

An organization can only apply for one grant per year. Therefore, if ROADS receives more than one application by **January 29, 2018**, an internal selection committee will be established.

[http://www.grahamfoundation.org/grant_programs/?mode=organization](http://www.grahamfoundation.org/grant_programs/?mode=organization)

**Value:**
maximum $30,000
Production and Presentation Grants must be completed within 2 years of the project start date.

**Application process:** Notify ROADS of intent to apply by **January 29, 2018**. The Graham Foundation application deadline is **February 25, 2018**.

**ROADS contact:**
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

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**World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019**

The WWDF is a US-based, non-profit organization that dedicates to raise public awareness of wood as 1) an eco-friendly material, 2) having a significant role in world history, 3) an opportunity for academic research, 4) a sustainable resource.

The objective of the **WWDF Research Grant** is to support projects that focus on "**Wood and Culture**". A historical perspective is particularly encouraged.

The WWDF supports interdisciplinary and integral investigation for exploring how wood has played a prominent role in human life. Current projects and new initiatives are applicable.


**Value:**
$12,000 USD

**Application process:**
The WWDF application deadline is **February 12, 2018**.

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

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

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

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

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

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

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

**Value:**
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc.

A maximum $5,000 is available for an exceptional proposal.

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

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

Shastri Indo-Canadian Institute (SICI): Grants

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

1) **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence.

(review Scope of GIAN, priority areas at http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/)
Value:
Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

Application Process:
Applications can be submitted throughout the year.

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

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

Application Process:
Applications can be submitted throughout the year.

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

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

Application Process:
Applications can be submitted throughout the year.

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

Weston Brain Institute, Early Phase Clinical Trials: Canada

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

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

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

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

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

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

The objective of the International & Interdisciplinary Research Workshops is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centred 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, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award

The objective of the SFARI Explorer Award is to 1) support innovative, bold, rigorous autism research of the highest quality and relevance; 2) enable focused experiments; 3) deepen our understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches by investigation at multiple levels including, but not limited to, studies focused on gene discovery, molecular mechanisms, circuits, anatomy, cognition and behaviour.

https://www.simonsfoundation.org/funding/funding-opportunities/autism-research-initiative-sfari/sfari-explorer-award/

Value:
maximum $70,000 for 1 year
Application Process:
Applications are considered on a *rolling basis* with a response time as early as 30 days.

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

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

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

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

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

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