Week of March 23, 2018

Dear colleagues,

Please find below this week’s updates:

- You are invited to register for the upcoming 4th Annual McMaster International Review Course in Internal Medicine (MIRCIM) 2018. It will take place in Krakow, Poland from May 10 – 12, 2018. Further information can be found in the attached invitation or at the website.

- Please join us for the first “McMaster Department of Medicine Day”, this year at the Royal Ontario Museum (ROM) on Saturday, May 5, 2018. This is a family friendly event for Departmental faculty and staff and will feature special presentations from ROM curators, David Evans and Doug Currie, that are arranged as exclusive benefits for our Department. Further details are attached. Your admission price will include presentations, lunch and time to explore other various exhibits the museum has to offer. This event will take place in the C5 space. To access C5, please use the dedicated elevator next to the tail of the dinosaur on the main floor. The schedule for the day is:

  10:00         ROM opens
  11:00 – 11:30 Presentation by David Evans
  12:00 - 1:00   Buffet lunch in C5
  1:00 – 1:30   Presentation by Doug Currie
  5:30             ROM closes

  To save 20% off regular admission rates, purchase your tickets online at www.rom.on.ca and use the promo code: MCMASTER. If you plan to attend using your ROM membership, please notify Sara Sellers at sellers@mcmaster.ca. Please be sure to purchase your tickets by Friday, April 20. Space is limited and we are hoping for a great turnout of faculty and staff.

- We recently learned of the passing of Dr. Edemariam Tsega, Professor Emeritus member of the Department. Our sincerest condolences go to his wife, Dr. Frances Lester, retired member of the Department, and family. The obituary may be found here.
• MERIT and the Macpherson Institute are cosponsoring the MERIT Rounds on April 10, 2018, starting at 4:30 pm, MDCL 2232. The guest speaker is Dr. Torgny Roxå, of Lund University. Torgny Roxå, Associate Professor has been an academic developer for 27 years and as such supported academic teachers in their endeavour of improving student learning. He has established Lund University Faculty of engineering as a national and international example of how to enhance teaching strategically. He has done this together with colleagues who also believe that academic values should (and must) guide the improvement of academic teaching. This work has awarded him the title Excellent Teaching Practitioner within the Faculty of engineering and the Lund University award for distinguished pedagogical achievements. Torgny has a masters degree from Griffith University in Australia and a PhD from Lund University. He has served as external examiner at Oxford University and is currently a visiting professor at Ulster University. He serves at advisory boards on academic development and has been the plenary speaker in many international events. He is a former vice president Europe in the International Society for the Scholarship of Teaching and Learning. His most current project deals with Academic teachers experience of power and ‘bossy’ leaders. Further details can be found in the attached poster.

Torgny is available for one-on-one consults with faculty members from the department on topics of health professions education curricula, innovation, teaching, scholarship, implementations, etc. Please contact merit@mcmaster.ca to reserve a 1-hour time slot on April 10, 2018.

• McMaster University emergency medicine faculty and medical students have designed a unique new board game. The game, called GridlockED, is an educational tool to help future doctors and doctors training to be specialists in emergency medicine learn system approaches to multi-patient management in a safe, low-stakes environment. It has been featured on the Daily News website and Hamilton News, and is available on March 27 for online purchase at www.gridlockedgame.com

• You are invited to an upcoming talk in the Hannah History of Medicine and Medical Humanities Speaker Series, sponsored by the Hannah Unit in the History of Medicine. The talk will take place on March 28th in the MDCL with Dr. Samer Ali, Director, Center for Middle Eastern and North African Studies; Associate Professor, Department of Arabic Language and Literature, University of Michigan presenting. Please find the poster attached.

• Please find attached the March 16 and 23 issues of the HRS Funding Opportunities Bulletin

• Please find attached the March 16 issue of the ROADS Funding Opportunities Bulletin

• Please join us at Grand Rounds next week on March 29, 2018 at 8:00 am. Medical Grand Rounds-SJH will be hosting Dr. Nader Khalidi in the Miller Amphitheatre who will
be speaking on ANCA Vasculitis: Past, Present and Future – Are we entering a steroid free era? Further information on this event, and many others taking place in the Department, can be found in the ETA Calendar.

If you have anything you would like to share with your colleagues, please submit it to Sara Sellers at sellers@mcmaster.ca

Mark A. Crowther
Professor and Chair, Department of Medicine
Dear Colleagues,

It is with great pleasure that we invite you to attend the 4th McMaster International Review Course in Internal Medicine (MIRCIM), which will take place in the beautiful historic city of Kraków, Poland, on May 10–12, 2018.

MIRCIM has been conceived and developed by the McMaster University Department of Medicine, the birthplace of evidence-based medicine (EBM) and problem-based learning (PBL), and the Polish Institute for Evidence Based Medicine. It is organized in collaboration with Jagiellonian University Medical College and the Polish Society of Internal Medicine in partnership with over 20 national societies of internal medicine from around the world.

The two-day course will be filled with information-packed lectures delivered by an outstanding assembly of speakers who are world-renowned experts in their fields, from authors of clinical practice guidelines to researchers behind breakthrough trials that shape the modern standards in medicine. Our aim has been to deliver up-to-date and reliable knowledge that is useful to general internists, subspecialists, hospitalists, family physicians, residents and fellows in training specialising in internal medicine – and we are proud to say that we have achieved this goal.

The lectures will be delivered on May 11 and 12. On the first day, May 10, the participants will be able to choose from a number of clinical workshops.

The course will take place in the ICE Kraków Congress Centre, located conveniently in the city centre and close to Kraków’s famous tourist attractions. The time spent in Kraków during the course will offer a myriad of opportunities to experience the rich cultural life and remarkable heritage that the city boasts.

In 2017, MIRCIM attracted almost 900 participants from 36 countries. The participants highly praised the quality of lectures, topic selection and social events (see at www.mircim.eu/2017).

We look forward to seeing you in Kraków in May 2018.

Co-chairs of the Organizing Committee

Honorary Chair

www.mircim.eu
Dear colleagues,

Please join us for the first “McMaster Department of Medicine Day”, this year at the Royal Ontario Museum (ROM) on Saturday, May 5, 2018. This is a family friendly event for Departmental faculty and staff and will feature special presentations from ROM curators, David Evans and Doug Currie, that are arranged as exclusive benefits for our Department.

David is the Temerty Chair and Senior Curator in Vertebrate Palaeontology at the ROM, where he oversees dinosaur research. He is also a cross-appointed Associate Professor at the University of Toronto. David is an Ontario-born researcher who is recognized as an authority on the rich dinosaur fossil record of Canada and the time period immediately before the great extinction that marked the end of the Age of Dinosaurs. Active in the field, he has participated in expeditions all over the world, including the Africa, Mongolia, and Canada, and has helped discover over 10 new dinosaur species- including the remarkable horned dinosaur *Wendiceratops* from southern Alberta, and the wickedly armoured *Zuul* named after the *Ghostbusters* movie monster. Many of you will know that Dr. Crowther and David have an active research collaboration and Dr. Crowther has become an active member of David’s field team in Alberta. David’s talk will focus on recent exciting discoveries from ROM fieldwork, and will include an “up close and personal” with some of its famous dinosaur collection.

Doug is Vice-President, Department of Natural History and Senior Curator of Entomology at the ROM and Associate Professor in the Department of Ecology & Evolutionary Biology at the University of Toronto. Doug’s research interests are focused on the systematics and comparative biology of aquatic insects, with special reference to black flies. Doug will speak about an upcoming ROM blockbuster special display on spiders – making something that many people are afraid of part of a great interactive educational display.

The ROM is putting this event on exclusively for us! Your admission price will include presentations, lunch and time to explore other various exhibits the museum has to offer. To save 20% off regular admission rates, purchase your tickets online at www.rom.on.ca and use the promo code: MCMASTER. Please mark this date in your calendar. Please mark this date in your calendar. If you plan to attend using your ROM membership, please notify Sara Sellers at sellers@mcmaster.ca  Space is limited and we are hoping for a great turnout of faculty and staff. Further details are attached.

For those who have not visited the ROM, it is one of the world’s great museums and is consistently rated as Toronto’s premier cultural institution for all ages. It is easily accessible by car (either driving and parking in the area of the museum, or driving to the Kipling TTC station and taking the subway to St George station, a TTC family pass is a “can’t beat” price to get on the subway) or taking the GO from Aldershot or Burlington then the subway to Museum station. GO transit also offers a very competitive family pass to save the inconvenience of driving and parking in Toronto. This promises to be a great day for the entire family; and an opportunity to spend some “quality time” with your family and colleagues.
The session will focus on how teaching is the result of everyday interactions with our closest colleagues. Torgny will present evidence that individual teachers have small “significant networks”, where private discussions provide a basis for conceptual development and learning, which is quite different from the “front stage” of formal, public debate about teaching. There is also evidence that these approaches may differ depending on the local culture. Differences in how these relationships are formed have been linked to professional identities and institutional factors such as hierarchies or ways of speaking. Participants will be encouraged to consider how this research speaks to their work as health educators and how it might be applied to the health care system.

Torgny Roxå, PhD, Lund University
Dag Hammarskjöld, Distinguished Scholar in Leadership and Learning, MacPherson Institute

Torgny is an Associate Professor at Lund University, Roxå lends his 27 years of expertise as an academic developer to support teachers in their endeavor to improve student learning.

SIGNIFICANT NETWORKS & MICRO CULTURES WITHIN HEALTH SCIENCE EDUCATION

REGISTER AT: https://merit_roundsapr2018.eventbrite.ca
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Torgny Roxå, Dag Hammarsköld Distinguished Scholar in Leadership and Learning

Roxå, Associate Professor has been an academic developer for 27 years and as such supported academic in their endeavour of improving student learning. He has established Lund University Faculty of engineering as a national and international example of how to teaching strategically. He has done this together with colleagues who also believe that academic values (and must) guide the improvement of academic. This work has awarded him the title Excellent Practitioner within the Faculty of engineering Lund University award for distinguished pedagogical achievements. Torgny has a masters degree from Griffith University in Australia and a PhD from Lund University. He has served as external examiner at Oxford University and is currently a visiting professor at Ulster University. He serves at advisory boards on academic development and has been the plenary speaker in many international events. He is a former vice president Europe International Society for the Scholarship of Teaching and Learning.

REGISTER AT: https://merit_roundsapril2018.eventbrite.ca
The Pharmakon in Arabic Mythology: Wine, Healing, and the Embodied Human

Dr. Samer Ali, Director, Center for Middle Eastern and North African Studies, Associate Professor, Department of Arabic Language and Literature, University of Michigan

Wednesday, March 28, 2018
3:00 p.m.—5:00 p.m.

Michael G. DeGroote Centre for Learning and Discovery (MDCL), Room 1110

Pharmakon refers to an ancient Greek concept that had a tripod of meanings: (1) toxin, (2) scapegoat, and (3) cure. In Arabic Islamic culture, from the pre-Islamic era to the present, wine has had this multivalent usage and efficacy in poetry, folk medicine, and philosophy. But how can any substance or concept have such paradoxical (even contradictory) meanings? This talk delves into a rare fifteenth-century Arabic text, Gathering of Humans for Wine (Halbat al-Kumayt) by al-Nawawi, which brings mind, body, and soul together. The text will chart a semantic itinerary from the personal to the political, from plants to animals to humans, from wine as healing and pleasure to wine as disease and death, from the humanities to clinical medicine.

CO-Sponsors:
Department of Religious Studies
Arts and Science Program
Department of History
Department of Family Medicine

Contact: Ellen Amster, x24144 medhumanities.mcmaster.ca
### *NEW* Genome Canada Information Session – Large Scale Applied Research Project (LSARP) Competition

Genome Canada will be launching their next Large Scale Applied Research competition shortly which will likely be focused on agriculture, agri-food, fisheries and aquaculture. Based on past LSARP competitions, projects will likely need to be: large scale applied scientific or **GE3LS** (social science/humanities pertaining to genomics) projects that focus on using genomic approaches within the agriculture, agri-food and fisheries/aquaculture sectors; include end users as part of the project teams; be multi-disciplinary (science and social science/humanities); and have a total 4-year budget between $2M-$10M. Co-funding will be required and project deliverables will need to lead to social and/or economic benefits to Canada.

The anticipated launch of this new LSARP competition is June 2018. While the competition parameters are still being finalized, we wish to alert potential applicants of this pending competition so that networking and project preparation can begin now.

In preparation for this competition, ROADS will be hosting an information session on Thursday April 5, 2018 with Caitlin Taylor, Senior Manager, Research and Business Development at Ontario Genomics. At this information session, researchers will learn more about the competition and how to work with partners and Ontario Genomics to position a research project for success from application stage through implementation. Caitlin will be available after the information session to meet with individual researchers or groups who wish to discuss their projects and ask questions.

**Where:** MDCL 2232  
**When:** Thursday April 5, 2018, 1:30pm – 3:00pm

Specific program information and guidelines regarding this funding opportunity will be sent to FHS researchers by HRS once this program is launched.

Those researchers who would like to attend this information session and meet with Caitlin, please register [https://genome-canada-information-session.eventbrite.ca](https://genome-canada-information-session.eventbrite.ca).

### *NEW* HiREB Lunch and Learn Session – Ethics and the Iterative Nature of Qualitative Research

Bring your lunch and get your questions answered by the Chair of the HiREB Student Research Committee.

**Topics to be covered:**
- How do you write a protocol that reflects qualitative research?
- What are the ethical considerations of using social media and other sources?
- What the RED will look for in your application.

**Where:** HSC 1A3  
**When:** Thursday March 22, 2018, 12:00pm – 1:00pm

Please RSVP to Janice Sancan, Research Ethics Officer [sancan@hhsc.ca](mailto:sancan@hhsc.ca)
### McMaster University Faculty Workshop - My Pitch: Building Research Collaborations

The Office of the Vice-Provost, Faculty and Mitacs invites faculty to **My Pitch: Building Research Collaborations Workshop**

**Where:** University Hall (UH) 211  
**When:** Monday, March 19 3pm to 4:30pm  or Thursday, March 29 1pm to 2:30pm

Successful researchers explore and build partnerships across many sectors with the goal of developing broad-based, collaborative relationships to advance industry and social innovation and their research. Developing and delivering a compelling pitch is a key element in initiating these partnerships.

Mitacs’ Director of Strategic Accounts and Business Development, Rebecca Bourque, will lead this hands-on session to guide you, the researcher, in developing the research-specific story that you would pitch to a prospective partner. Once you have created your narrative, you will practice your pitch, receiving constructive comments to help refine your message and delivery.

To ensure everyone receives one-on-one consultation throughout the workshop, these sessions will be limited to 12 participants.

**Please note:** participants must arrive to the workshop with their identified potential partner in mind.

If you are interested in attending, please register at: [My Pitch](#)

### Transitioning from Engage to CRD Workshop

The NSERC Engage Grant is a popular way for researchers to collaborate with new industry partners. The ‘approachability’ of Engage - no company cash requirement, easy application process, fast decision time - makes it attractive for first-time partners. Engage is successful at initiating new industry collaborations. Yet, six-month projects pass quickly and Engage researchers need to strategically plan their next steps to capitalize on the momentum and trust already established.

To transition to a longer-term project like the NSERC Collaborative R&D Grant (‘CRD’) the industry partner has to agree to a longer-term commitment – one that involves both a cash contribution and a negotiated IP agreement. In addition, the CRD application process differs from the Engage approach. A researcher plays an important role in helping the industry partner understand the ‘risks vs. rewards’ of the next step.

For this reason, NSERC is pleased to offer a special workshop aimed specifically at helping Engage researchers (and companies) successfully move to a longer-term project using NSERC CRD support.

**Where:** BSB Room # B138  
**When:** Tuesday, March 20th  –  10:00 AM – 12:00 PM  
**Register by contacting:** Ryan Vieira, MILO, Call Ext. 22649 or Email vieira@mcmaster.ca

### Association of Clinical Research Professionals (ACRP) E-Learning Program

Together, McMaster University, Hamilton Health Sciences and the Research Institute of St. Joe’s Hamilton have partnered with the Association of Clinical Research Professionals (ACRP) to make an e-learning training program available to our esteemed and valued research staff at no cost. We are delighted to share this exciting news with you and encourage you to partake in this opportunity.

Please visit the Health Research Services website: [https://fhs.mcmaster.ca/healthresearch/ACRP.htm](https://fhs.mcmaster.ca/healthresearch/ACRP.htm) to learn about ACRP and how you can register.
New HRS Checklist and Research Account Forms

As we endeavor to provide streamlined administration to the Faculty of Health Sciences research community, HRS has renovated our internal forms, thereby requiring less information when applying for funds and facilitating quicker administration and account opening following funding notification.

When applying for grant funding, HRS will utilize the new shorter version of our HRS Checklist. A new HRS Checklist will need to be submitted whenever you are applying for a grant. Should your application be funded, a companion form to the HRS Checklist - the Research Account Request Form will need to be completed and submitted to HRS.

We anticipate that this will assist in promoting both a quicker application process and smoother account opening requests. If you are uncertain about how to use/complete these new forms please contact HRS by emailing hsresadm@mcmaster.ca or contacting your Senior Grants Advisor.

The forms are also available on the HRS website https://fhs.mcmaster.ca/healthresearch/forms_and_templates.html

N2 and Health Canada Request for Feedback: Guidance Document Part C, Division 5 of the Food and Drug Regulations

“Drugs for Clinical Trials Involving Human Subjects”

N2 is working in partnership with Health Canada (HC) on their consultation to seek input from Canadians and key stakeholders on their draft of GUI-0100: Guidance Document-Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects”.

HC is looking for comments on the clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH-E6(R2) in the Canadian context. Health Canada, as a member of ICH, will formally adopt ICH-E6(R2) on April 1st, 2018.

This GUI-0100 guide is designed to make Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects” easier to understand. It is intended to:

• promote stakeholder compliance with Part C, Division 5
• promote consistency and quality in the conduct of Health Canada compliance activities
• provide interpretation of Part C, Division 5, and specifically in terms of its relationship to ICH E6(R2)

Health Canada is looking for comments on:

• The clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH E6(R2) in the Canadian context

Health Canada is not looking for comments on:

• The wording or specific provisions of Part C, Division 5 of the Food and Drug Regulations
• The wording and provisions of ICH E6(R2)

TIMELINE

Feedback will be collected between December 15th, 2017 and April 15th, 2018.

As an N2 member, we encourage you to provide your feedback through the N2 mechanism to support Health Canada’s structured approach and to facilitate collation of the feedback.

Please find the GUI-0100 draft guidance documents here, and use the following link to provide your comments/feedback: https://www.surveymonkey.com/r/2WDY26Q

If you have questions, related to N2’s involvement with Health Canada’s consultation on GUI-0100 please contact:

Karen Arts- N2 Chair, Board of Directors
karen.arts@n2canada.ca
Tel: 416.673.6637

Susanna Sellmann-N2 Quality Committee
Susanna.Sellmann@uhnresearch.ca
Tel: 416.946.4501 x3221
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<td>Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s &amp; Related Diseases</td>
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<td>Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 12 (please inform HRS of your intent to apply)</td>
<td>Apr 5 Draft EOI to HRS Apr 19 Draft EOI to Ontario Genomics Oct 1</td>
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<td>MITACS Accelerate Fellowship</td>
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<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
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<td>Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award</td>
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<td>OCE Voucher for Innovation and Productivity (VIP I) Program</td>
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<td>OCE Voucher for Innovation and Productivity II (VIP II) Program</td>
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<td>TalentEdge Internship Program (TIP)</td>
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<td>TalentEdge Fellowship Program</td>
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**CIHR – Health System Impact Fellowship 2018**

The Health System Impact Fellowship is expected to:

- Support impact-oriented career paths and elevate the career readiness of PhD trainees and post-doctoral fellows studying HSPR or related fields by supporting experiential learning opportunities in health system and related organizations outside of the traditional scholarly environment and enriched competency development (e.g., leadership, project management);
- Expand and enrich the traditional doctoral and post-doctoral training environment by engaging health system and related organizations in preparing a cadre of promising doctoral trainees and post-doctoral fellows for successful careers;
- Provide health system and related organizations with direct opportunities to realize and harness the benefits that research-trained individuals can bring to such organizations for improved decision-making.

**Funding Details:** Funds are allocated across two mutually exclusive streams as follows:

- **Stream A: HSI Award for Doctoral Trainees:** Of the total amount available, $700,000 is available to fund 20 awards relevant to CIHR-IHSPR and is allocated among regional funding pools as follows:
  - $210,000 is available to fund 6 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
  - $350,000 is available to fund 10 awards in Central Canada (including Quebec, Ontario, and Nunavut)
  - $140,000 is available to fund 4 awards in Eastern Canada (including Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick)

- **Stream B: HSI Awards for post-Doctoral Fellows:** Of the total amount available, $1,085,000 is available to fund 10 post-doctoral awards relevant to CIHR-IHSPR and is allocated among regional funding pools as follows:
  - $325,500 is available to fund 3 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
  - $542,500 is available to fund 5 awards in Central Canada (including Ontario, Quebec and Nunavut)
  - $217,000 is available to fund 2 awards in Eastern Canada (including Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick)

**Additional Details**

Internal HRS Deadline: March 22, 2018
Sponsor Deadline: April 5, 2018

**CIHR – Team Grant: Nutrition and the Epigenome**

The up or down regulation of genes due to environmental influences may be responsible for differences between individuals that manifest later in life, or even in subsequent generations. Research has shown, for example, that malnutrition of the mother during pregnancy has lasting negative consequences for the health of her child, increasing the risk of cardiovascular diseases, diabetes, breast cancer and depression. Previous research has studied epigenetic changes in early life. However, the effects of diet on epigenetic regulation, gene expression in different tissues, and subsequent metabolic health and disease are still unclear. Experts need to better understand the mechanistic pathways that link dietary interventions to those epigenetic changes that have functional/physiological consequences to the tissue and ultimately the organism. Epigenetics is highly tissue and cell specific, and it is likely that different tissue types may respond differently to diet and dietary components. Until now, most studies have focused on clinically accessible tissues such as blood. In this call, the JPI HDHL encourages research looking at epigenetic changes in other tissues, for example, the gut and the brain, which could deliver valuable new insights. Improved understanding of the impact of epigenetic changes across the different life stages is also required. The early life and in utero periods represent key critical windows for the influence of nutrition in determining epigenetic marks and health trajectories. However, it is also important to elucidate whether epigenetic profiles determined in early life can be reversed or modified by environmental factors (including nutrition) in later life. Furthermore, there may epigenetic changes later in life, or in critical periods later in life, where diet plays a key role.

**Funding Details:** The total CIHR amount available for the Canadian component of successful projects is $900,000 CAD, enough to fund approximately two grants. The maximum amount per Canadian component of the grant is $150,000/year for up to three years.
Additional Details
Internal HRS Deadline: March 29, 2018
Sponsor Deadline: April 12, 2018

**CIHR – Team Grant: Canada-EU Data Flagship Collaboration**

The goal of this funding opportunity is to build a collaboration of stakeholders in Europe and Canada in the domain of repositories storing and sharing human –omics data that will create a framework for long-term cooperation. In order to do so, this program aims to enhance and standardize data deposition, curation and exchange procedures thus ensuring better data reuse and increased benefit to the scientific communities worldwide. Projects should develop approaches that integrate data from disparate sources and include one or more of the following elements:

- Data models that guarantee the interoperability of human health research data from different repositories and integrate different types of –omics data and, where relevant, clinical research and lifestyle data. The data models should take into account sex/gender differences where relevant. The projects should build on existing research infrastructures such as –omics repositories, biobanks and registries.
- Reference architecture for data and process interoperability.
- Technologies and methodologies for data harvesting, data access, data transfers, and archiving complex datasets.
- Bioinformatics toolbox to support the analysis and management of data on diseases from a personalized medicine standpoint.
- International ethical and legal governance model for a research data management and storage infrastructure and an associated data management plan compliant with the required level of data security and privacy that is aligned with the recent recommendations of the OECD Council on Health Data Governance.

For complete information on the challenge to be addressed, scope, expected impact, and cross-cutting priorities, please refer to the [European Commission funding opportunity](#).

**Funding Details:** The total amount available to Canadian researchers for this funding opportunity is CAD $5,500,000, enough to fund up to 7 grants from all Canadian funding sources. This amount may increase if additional funding partners participate. The maximum amount per grant is $200,000 per year for up to 4 years for a total of $800,000, per grant.

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

**CIHR – Operating Grant: ECI Grants in Maternal, Reproductive, Child & Youth Health**

This funding opportunity is a collaboration between five CIHR institutes with a goal to build research capacity in maternal, reproductive, child and youth health by funding operating grants to early career investigators. The program will fund research across the four CIHR research themes (biomedical, clinical, health systems services, and population health) that has the potential to have a significant impact on maternal, reproductive, child and youth health outcomes according to the mandates of the participating CIHR institutes. Ultimately, the program aims to strengthen Canada's capacity and knowledge to respond to challenges and needs by providing important early career development support to researchers in these fields.

**Funding Details:** The total amount available from CIHR for this funding opportunity is $1,260,000, enough to fund up to 12 grants. The maximum amount per grant from CIHR is $35,000 per year for up to 3 years for a total of $105,000. Of the $1,260,000 available from CIHR:

- $630,000 is available to fund applications relevant to the overarching focus of maternal, reproductive, child and youth health (6 grants)
- $210,000 is available to fund applications in the research area relevant to IAPH (2 grants)
- $105,000 is available to fund applications in the research area relevant to ICRH (1 grant)
- $105,000 is available to fund applications in the research area relevant to III (1 grant)
- $210,000 is available to fund applications in the research area relevant to INMHA (2 grants)

The CIHR contribution must be matched at a minimum of 1:1 by the successful applicant's host institution and/or other partner(s), such as a charitable organization, philanthropic foundation, or industry partner.

Additional Details
LOI Deadline: April 17, 2018
Internal HRS Deadline: May 1, 2018
Sponsor Deadline: May 15, 2018

**CIHR – Operating Grant: Network Environments for Indigenous Health Research**

The purpose of the Network Environments for Indigenous Health Research (NEIHR) is to build on previous efforts of the Network Environments for Aboriginal Health Research (NEAHR), initially launched in 2007, and the Indigenous Mentorship Network Program (IMNP), initially launched in December 2016, by establishing a solid foundation for Indigenous health research driven by, and grounded in, Indigenous (i.e., First Nations, Inuit and Metis) communities in Canada. While NEAHR was revolutionary for its time, NEIHR will take a broader and more sophisticated approach to Indigenous health research and capacity building not just by focusing on individuals (e.g., supporting trainees and researchers), but also by concentrating on Indigenous communities, and social structures (e.g., educational systems, institutions, research infrastructures, policy apparatus, etc.).

**Funding Details:** The total amount available for this funding opportunity is $900,000, enough to fund approximately 12 grants. The maximum amount per grant is $75,000 per year for up to 1 year.

**Additional Details**

LOI Deadline: April 26, 2018
Internal HRS Deadline: May 22, 2018
Sponsor Deadline: June 5, 2018

**CIHR – Team Grant: Transnational Cardiovascular Research Projects**

The ERA-CVD JTC2018: Transnational Cardiovascular Research Projects driven by Early Career Scientists is expected to:

- foster transnational cooperation of European countries and beyond, and to coordinate research efforts and funding programs of the ERA-CVD partner countries with Canada
- promote co-operation and interchange between Early Career Scientists and thus enable international collaboration and new consortia establishment in cardiovascular research,
- enable capacity building and empowering of Early Career Scientists by providing opportunity to independently develop and perform highly innovative research projects,
- add value in funding the collaboration over individual projects by sharing of resources (e.g., models, databases, diagnosis etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.

**Funding Details:** The total amount available for Canadian applications is Can$ 585,000, which is enough to fund approximately two (2) grants. This amount may increase if additional funding partners participate. The maximum amount available per grant to Canadian participants in transnational consortia is Can$ 97,500 per year for up to three (3) years for a total of Can$ 292,500, per grant.

**Additional Details**

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

**CIHR Team Grant: E-Rare-3 Joint Transnational Call (2018)**

There are at least 7,000 distinct rare diseases, the great majority being of genetic origin. Although individually rare, taken together rare diseases affect at least 26-30 million people in Europe alone. Moreover, they represent a major issue in health care: a large number of these diseases have an early or very early onset and/or lead to a significant decrease of life expectancy. Moreover, most of them cause chronic illnesses with a large impact on quality of life and the health care system.

Therefore, research on rare diseases is needed to provide knowledge for prevention, diagnosis and better care of patients. Yet, research is hampered by lack of resources at several levels:

1. Few scientists work on any given specific disease,
2. There are few patients per disease and they are scattered over large geographic areas, causing difficulties to assemble the necessary cohorts,
3. Existing databases and bio-material collections are usually local, small, and not accessible or standardised,
4. The complex clinical phenotypes of these diseases require interdisciplinary cooperation to improve research and treatment.

The specificities of rare diseases - limited number of patients, scarcity of relevant knowledge and expertise, and fragmentation of research - single them out as a distinctive domain of very high European added-value. Rare diseases are therefore a prime example of a research area that necessitates collaboration/coordination on a transnational scale. In this context, the ERA-NET “E-Rare” for research programmes on rare diseases has been extended to a third phase “E-Rare-3” (2014-2019) to further help in coordinating the research efforts of European, Associated and non-European countries in the field of rare diseases and implement the objectives...
of the International Rare Disease Research Consortium (IRDiRC). CIHR is pleased to be partnering with the Fonds de recherche du Québec – Santé (FRQS) once again in the context of this ERA-Net.

**Funding Details:** The total amount available for this funding opportunity is $2,000,000, enough to fund 5-6 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $125,000 per year for up to 3 years for a total of $375,000 per grant. Of this $2,000,000, $500,000 is available to fund applications relevant to the mandate of the Fonds de recherche du Québec – Santé FRQS.

**Additional Details**
- **Internal HRS Deadline:** June 5, 2018
- **Sponsor Deadline:** June 19, 2018

### CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform

The objectives of the SPOR National Data Platform will be to:

- Create efficiencies in data collection and reduce the time required for researchers to access multi-jurisdictional data.
- Establish systems of retrieval, standardization/harmonization and linkage of high priority clinical data to administrative and social data to enable richer population-based multi-jurisdictional studies to be conducted.
- Establish valid and reliable methods for linking primary research data (e.g., cohorts, clinical trials) to health administrative, social and other data to create efficiencies in data collection.
- Inform and provide innovative and ethical solutions to data access and its use through patient and partner engagement.
- Facilitate access to data analytic and data storage services, as needed, for multi-jurisdictional studies.

**Funding Details:** The total amount available from CIHR for this funding opportunity is up to $39,000,000 enough to fund one grant for a term of up to seven years. The breakdown of the annual funding available is as follows:

- Year 1: $3,000,000
- Year 2: $4,000,000
- Year 3: $5,000,000
- Year 4: $6,000,000
- Years 5-7: $7,000,000 in each year

**Additional Details**
- **LOI Deadline:** April 17, 2018
- **Internal HRS Deadline:** June 5, 2018
- **Sponsor Deadline:** June 19, 2018

### CIHR – Team Grant: ERA-Net PerMed

The overall aim of the call is to fund projects showing clinical feasibility of PM in complex diseases (including multifactorial, monogenic and other diseases). By feasibility is meant the demonstration of significant and clinically relevant improvement of current diagnostics and/or therapeutics, based on improved understanding of underlying molecular mechanisms. Applicants are expected to combine pre-clinical and/or clinical research with bio-informatics components to enable data quality on one side and the potential applicability for health care providers on the other side.

**Funding Details:** The total amount available to Canadian researchers from CIHR and FRQS is $4,587,500 CAD, enough to fund ten (10) grants. This amount may increase if additional funding partners participate. The maximum amount available is $150,000 CAD per year for up to three (3) years for a total of $450,000 CAD, per grant.

**Additional Details**
- **Internal HRS Deadline:** June 21, 2018
- **Sponsor Deadline:** July 5, 2018

### CIHR – Team Grant: GENDER-NET Plus

The aim of the Joint Call is to enable scientists in different countries to build an effective collaboration on a common interdisciplinary Collaborative Research Project (CRP) based on complementarities and sharing of expertise, with a clear translational research approach.
The specific objective of this Joint Call is to advance gender equality in research through institutional change and to foster the integration of SGBA into research, contents and funding programmes.

Funding Details: The total amount available for Canadian researchers from CIHR is $1,500,000 CAD, enough to fund five (5) grants. The maximum amount available is $100,000 CAD per year for up to three (3) years for a total of $300,000 CAD, per grant.

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

Michael G. DeGroote Fellowship Awards

The Michael G. DeGroote Fellowship Awards are an opportunity for excellent postdoctoral candidates to pursue top-level research training. First awarded in 2008, the awards provide funding to research-intensive individuals looking to further their academic career in the Faculty of Health Sciences at McMaster University.

Each award provides non-renewable funding of $50,000 for one year for successful applicants. The funding is comprised of $40,000 from the Michael G. DeGroote Health Sciences Development Fund and $10,000 contributed by the applicant’s supervisor.

Awards are available in two categories: the Michael G. DeGroote Fellowship Award in Basic Biomedical Science and the Michael G. DeGroote Fellowship Award in Clinical Research. Candidates conducting basic science research are eligible for the Basic Biomedical Science Fellowship Award and those pursuing clinical research are eligible for the Clinical Research Fellowship Award. Applicants must identify in their application which award they are applying for. Separate selection committees will review the respective applicants for each award.

Applications are now being accepted and we are seeking qualified candidates to apply. If you know of any first-rate candidates who you feel would be a good fit for these awards under your supervision, please:

- Email mgdfa@mcmaster.ca clearly detailing your ability and willingness to provide the matching $10,000 in funding to support the candidate
- Have the candidate visit http://fhs.mcmaster.ca/mgdfa/ and apply online. The deadline for applications is April 2, 2018 with an estimated start date of July 1, 2018.

Eligibility

- Only candidates who are (a) external to McMaster, or (b) internal students who have yet to begin postdoctoral or health professional degree studies at McMaster, or (c) internal students who began their postdoctoral or health professional degree studies at McMaster no earlier than July 1, 2017, will be eligible for the awards.
- For candidates who hold (or are completing) a PhD, the proposed supervisor(s) listed in their application must be different than their PhD supervisor.
- Priority will be given to those applicants whose graduate training has not been exclusively at McMaster.

It is expected that winning applicants will seek out and attain external funding within their one-year award term. Supervisors are expected to assist their candidates in doing so.

For more information on the awards, please visit the awards website or send any questions to mgdfa@mcmaster.ca.

Additional Details
Sponsor Deadline: April 2, 2018

Diabetes Canada 2018 Research Competitions

Diabetes Canada administers the Charles H. Best Research Fund to support research to enhance our understanding of diabetes and its prevention, causes, management, and cure. In 2016, the Canadian Diabetes Association (CDA) and the National Research Council (NRC) revised its research strategy. This new strategy was refined in response to input from the research community and implemented in 2017. This is the second year of a four-year strategy. Diabetes Canada funds the following awards:

- Post-Doctoral Fellowship (maximum duration of funding is 2 years)
- New Investigator Award (duration of funding 3 years)
- Diabetes Investigator Award (duration of funding 3 years)
Funding Details:
- Post-Doctoral Fellowship - This award includes salary support of $45,000 per year, plus a research allowance of $5,000 per year.
- New Investigator Award - This award amount is $125,000 per year for 3 years. Of this, the investigator may choose to allocate up to $50,000 per year for investigator’s salary support.
- Diabetes Investigator Award - This award amount is $125,000 per year for 3 years. Of this, the investigator may choose to allocate up to $50,000 per year for investigator’s salary support.

Additional Details
Internal HRS Deadline: March 19, 2018
Sponsor Deadline: April 2, 2018

HHS New Investigator Fund (NIF) 2018 Round 1
The Hamilton Health Sciences’ commitment to “first stage” research led to the creation of the New Investigator Fund (NIF). The fund is an integration of the former HHS Foundation Young Investigator Grants and the HHS Research Development Fund, and provides a unique opportunity to foster and support a culture of inquiry for novice investigators under the mentorship of senior staff. The NIF provides project funding to front-line staff (healthcare professionals and medical staff) toward research initiatives directly relevant to the clinical mission and research strategic direction of HHS.

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

Additional Details
Sponsor Deadline: April 3, 2018

National Defence and the Canadian Armed Forces Targeted Engagement Grant (Special Project)
As the Department of National Defence and the Canadian Armed Forces implement Canada’s new defence policy – Strong, Secure, Engaged – the Defence Engagement Program will conduct a trial over the next year to help assess ways to channel the expert community’s knowledge into the Department through collaborative networks. To this end, we are looking for individuals or organizations that are engaged, dynamic, resourceful and interested in working in close collaboration with our team to help determine the best model for the network. The construct should be able to bring together multidisciplinary teams from different parts of the country – and abroad – to work on challenges identified by the Department. This opportunity is open to multidisciplinary teams with interest in the domain of security and defence studies. Applicants must submit a detailed proposal outlining their network concept. The application format is left to the discretion of the candidates. The trial network must focus its efforts in supporting a departmental policy priority as identified at: http://www.forces.gc.ca/en/training-paid-education/priorities.page

Funding Details: The selected proposal will receive a total of $100,000, divided in two separated grants of $50,000 over a year.

Additional Details
Internal HRS Deadline: March 23, 2018
Sponsor Deadline: April 6, 2018

Faculty of Health Sciences Education Innovation Fund
Purpose: To encourage and provide support for the development and evaluation of novel and innovative approaches to health sciences education in the Faculty of Health Sciences.

Eligibility: All members of the faculty of FHS are eligible for funding support. Funding cannot be used to supplement another partly funded project. All those awarded funding must be willing to present their research at the Geoffrey R Norman FHS Education Research Day in June. Priority will be given to projects that address competency-based education, simulation-based education and innovative pedagogy and projects where theory is used/developed to inform practice. The activity of the project should be focused on McMaster Faculty of Health Sciences.

Application Process:
Applicants are required to submit:
1) An abridged CV (max. 3 pages, focusing on previous research and educational scholarship)
2) A project summary - 3 pages maximum, single spaced, plus references, outlining:
a. Proposed study question/objectives
b. Proposed method of analysis
c. Expected project outcome
d. Strategy for disseminating outcome findings
e. Potential education impact of the study
f. Potential of the research for commercialization, if applicable

3) **Budget**

The following expenses are ineligible:

a. Salary support for P.I. or other faculty members
b. Computers and other equipment unless integral to the study e.g. voice recording equipment
c. Infrastructure expenses that are presently supported elsewhere (e.g. telephone, administrative assistant)

No university overhead will be charged. Open Access journal publications costs will be allowed.

4) **Adjudication**

The adjudication process will be administered by the office of the Associate Dean, Health Professional Education who will chair a selection committee of senior faculty. Preference will be given to projects that address the priority areas identified in the Eligibility section above and that incorporate a design that uses theory to inform practice or uses practice to develop theory.

**Funding Details:** Funding will be awarded to one or more applicants annually for up to two years of funding support to a maximum of $50,000 per project, spread over the two years; funding for the second year is contingent on the submission of a satisfactory interim report to the selection committee prior to the end of the first year of funding. A final report shall be submitted upon completion of the project. The selection committee reserves the right to not fund any projects in any given year. Award winners will be announced at the Geoffrey R. Norman FHS Education Research Day on June 6, 2018.

**Additional Details:**

1) Deadline for application April 13, 2018 at midnight.
2) Submit as 1 pdf document with the P.I.’s name and a short version of the title as the document’s name.
3) Submit to the office of the Associate Dean, Health Professional Education c/o mcarthj@mcmaster.ca

**Sponsor Deadline:** April 13, 2018

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**The University of British Columbia Faculty of Medicine Call for Nominations: National Research Prizes**

The University of British Columbia is currently seeking nominations for the following two research prizes:

**Dr. Chew Wei MBBS [HK] FRCOG [ENG] Memorial Prize in Cancer Research**

The Dr. Chew Wei MBBS [HK] FRCOG [ENG] Memorial Prize in Cancer Research is awarded annually to a Canadian physician or scientist who makes outstanding contributions to the treatment, amelioration, or development of therapies for cancer.

[Additional Details and Nomination Instructions](#)

**Margolese National Brain Disorders Prize**

The Margolese National Brain Disorders Prize is awarded annually to a Canadian physician or scientist who makes outstanding contributions to the treatment, amelioration, or cure of brain disorders.

PLEASE NOTE: Based on the prize guidelines for the 2018 Margolese Brain Disorders Prize, nominations must be for individuals external to the University of British Columbia.

[Additional Details and Nomination Instructions](#)

**Funding Details:** The prizes each have a value of $50,000

**Internal HRS Deadline:** April 1, 2018
**Sponsor Deadline:** April 15, 2018
CanVECTOR Trainee Fellowship & Studentship Awards 2018-2019

CanVECTOR offers two types of research training awards to the medical and scientific community:

1. **Research fellowships (given priority over studentships)** - candidates who are MDs and aim to become clinician scientists or clinician investigators in venous thromboembolism (VTE). Definitions below:

   CanVECTOR clinician scientist:
   - Is committed to devoting a substantive percent (≥ 75%) of their professional effort to research
   - Has formal training in research methodology (MSc or PhD degree)
   - Develops and leads research projects (assumes the role of principal applicant for grant applications and principal investigator for research execution)

   CanVECTOR clinician investigator:
   - Is committed to devoting a portion of their professional effort to research
   - May (or may not) have formal training in research methodology
   - Contributes to the development and conduct of research projects (may participate as a co-applicant for grant applications and co-investigator for research execution)

2. **Graduate studentships** - candidates who are enrolled in an MSc or PhD program (not MDs) and are interested in conducting VTE-focused research or developing VTE-related methodology expertise

**Funding Details:**
- Fellowship – Maximum of $50,000 for 1 year
- Studentship – Maximum of $20,000 for 1 year

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

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**CanVECTOR Thrombosis Canada Research Fellowship 2018-2019**

Thrombosis Canada and CanVECTOR proudly support a promising new clinician-investigator each year through the Thrombosis Canada CanVECTOR Fellowship for Knowledge Translation/Clinical Outcomes Research. The purpose of the fellowship is to provide financial support for a highly qualified clinician-investigator to allow them to pursue further training in thromboembolism at a Canadian centre, focusing on knowledge translation and/or clinical outcomes research.

**Funding Details:** $50,000 for one year, July 1 to June 30th.

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

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**Brain Canada Foundation and Azrieli Foundation Early-Career Capacity Building Grants**

Supported by the Canada Brain Research Fund, the general purpose of the Early-Career Capacity Building Grant program is to accelerate novel and transformative research that will fundamentally change our understanding of nervous system function and dysfunction and their impact on health. The goal is to reduce the social and economic burden of neurological and mental health problems by prevention, early diagnosis, and treatment. At the early stage of an investigator’s career, recently hired faculty are in a strong position to formulate innovative research projects that are “high risk/high reward”, but they often lack the preliminary data required to obtain their first large grant. This program provides an opportunity to develop new lines of research on the fundamental properties and mechanisms of the brain and nervous system, and gather such preliminary data. The Early-Career Capacity Building Grant has the potential to be transformative at a time when it is well recognized that there is a significant funding gap to support and retain our brightest early-career investigators, who are well positioned to make major contributions to Canadian brain research.

**Funding Details:** This competition has an overall envelope of $1,000,000 to support 10 projects that last two years each, for a total of $100,000 per project.

**Additional Details**
- Internal HRS Deadline: April 3, 2018
- Sponsor Deadline: April 17, 2018
European Commission International Flagship Collaboration with Canada for Human data storage, integration and sharing to enable personalized medicine approaches

CIHR and FRQS are pleased to announce that funding is available to support Canadian researchers interested in collaborating in the domain of repositories storing and sharing human-omics data that will create a framework for long-term cooperation through transnational collaborations with European researchers. The goal of this program aims to enhance and standardize data deposition, curation and exchange procedures thus ensuring better data reuse and increased benefit to the scientific communities worldwide. This is a unique collaboration, and CIHR’s first European Commission Research and Innovation Action (RIA), which will require each project to involve at least one Canadian investigator and three European investigators fundable by the European Commission.

**Funding Details:** The total amount available for Canadian researchers from CIHR and FRQS is $5.5 million CAD, enough to fund 7 grants. The maximum amount available is $200,000 CAD per year for up to four (4) years for a total of $800,000 CAD, per grant.

**Additional Details**
**Internal HRS Deadline:** April 4, 2018
**Sponsor Deadline:** April 18, 2018

SickKids Foundation, National Grants: New investigator Research Grants

The objective of the New Investigator Research Grant is to support early career investigators who successfully lead, participate in, and translate outstanding child health research that will respond to children’s health challenges and needs. Funding is provided for research in biomedical, clinical, health systems and services, and population and public health sectors. The principal investigator will hold a doctoral degree (Ph.D) or equivalent medical/health care degree, and have had formal research training. Eligible applicants are required to include a mentorship plan and to work with a clearly-identified mentor.

**Funding Details:** maximum $100,000 per year for a maximum 3 years

**Additional Details**
**Internal HRS Deadline:** April 6, 2018
**Sponsor Deadline:** April 20, 2018

Brain Tumour Foundation of Canada Research Grant Program

Supporting brain tumour research in Canada allows each of us who are affected by brain tumours to both better understand this disease and to move closer to finding new treatments, improving current treatments, and enhancing the quality of life for brain tumour patients. Thanks to donors, the Research Grant Program provides financial support to Canadian researchers with critical funds that help to propel their research forward into the future. Proposals that receive funding include research that involves any and/or all of the following:

- The development of new concepts
- Patient-oriented research such as clinical trials, epidemiological studies, quality of life studies, outcomes, health services research
- Pre-clinical research evaluating the therapeutic potential of recent discoveries in the basic mechanisms of either brain tumour pathogenesis or experimental therapeutics

**Funding Details:** Applications for grants up to $25,000.00 will be considered

**Additional Details**
**Internal HRS Deadline:** April 13, 2018
**Sponsor Deadline:** April 27, 2018

Cancer Research Society 2018 Scholarships for the Next Generation of Scientists

The Cancer Research Society is pleased to announce the launch of its 2018 Scholarships for the Next Generation of Scientists competition, an initiative aiming at supporting future generations of Canadian researchers. The Scholarship is broken down into two parts, and extends over a period of 3 years, with no possibility for renewal.

**Funding Details:**
- Part 1: Postdoctoral Salary Award – 1 year - $40,000
- Part 2: Operating Grant – 2 years - $120,000 ($60,000/year)
Weston Brain Institute International Fellowships: Canada 2018

The Goal of the International Fellowships are to accelerate the careers of top Canadian PhD students by providing funding to conduct research in the labs of leading scientists. This will enable awardees to build international collaborations with world class labs, conduct influential neuroscience research on neurodegenerative diseases of aging, and bring enhanced research capabilities back to Canada. This fellowship will enrich the careers of awardees, preparing them to obtain more prestigious postdoctoral positions, and increasing their competitiveness for future positions as leaders in neuroscience in Canada.

Funding Details: Up to $60,000 per awardee per year (prorated as needed, at $5,000 per month for shorter travel durations)

Scottish Rite Charitable Foundation (SRCF): Major Research Grants

SRCF Major Grants support biomedical research into intellectual impairment focused on the following:
- The causes and eventual cure of intellectual impairment, such as Dyslexia and Autism, especially as it affects children.
- The causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.
- Research into other forms of intellectual impairment may be considered.

Note: The focus of the research should be on the causes and cure of the disease as opposed to the active treatment or palliative care.

Funding Details: The value of the grants is a maximum of $40,000 per year for a period of up to 3 years.

Osteoporosis Canada: Canadian Multicentre Osteoporosis Study (CaMos) Fellowship Award

The Osteoporosis Research Program provides training awards to support Canadian investigators conducting research that promises to yield new insights into the prevention and treatment of osteoporosis and improving the lives of individuals with this disease. Awards are offered to individuals through annual research competitions, which involves an extensive peer review process. A collaborative award, by the Canadian Multicentre Osteoporosis Study (CaMos) and Osteoporosis Canada. This program will fund a graduate student or postdoctoral fellow for one year in the amount of $20,000 and will provide that individual with an opportunity to engage in research training with investigators at CaMos. Awardees will gain new insight into the field of osteoporosis and will be presented with the basis for a career in clinical/epidemiological research related to osteoporosis. This program strives to improve the lives of individuals with osteoporosis while seeking optimal prevention and treatment of the disease. The application process will be administered by OC.

Funding Details: This program will fund a graduate student or postdoctoral fellow for one year in the amount of $20,000

MITACS Globalink Research Award

Mitacs is accepting applications for competitive international research opportunities for student travel from Canada. They recommend that students apply by May 2018 for travel planned in Fall 2018.

Funding Details: The Mitacs Globalink Research Award provides $6,000 for senior undergraduate and graduate students in Canada to conduct 12–24-week research projects at universities overseas
Christopher & Dana Reeve Foundation: Quality of Life Direct Effect Grants Program

The Christopher & Dana Reeve Foundation Quality of Life Grants Program reached a major milestone in 2016, surpassing $20 million in funding to nonprofit organizations all over the United States and in 37 countries. And, thus far in 2017, the Reeve Foundation awarded 122 grants in four different programs, totaling over $1.7 million. To ensure the continued growth of the program and to clarify the vision and mission of the Quality of Life grants program created by the late Dana Reeve, a retreat was held in April 2017, convening program staff, members of the Board of Directors, and an external professional facilitator. The Reeve Foundation Quality of Life grants will continue to support the broad range of projects and activities that we have in the past; we are just changing how we do it so that we can achieve maximum impact for all. Two types of grants will be offered: Direct Effect (Tier 1) and High Impact (Tiers 2, 3, and 4).

Funding Details: The Direct Effect (Tier 1) is open-focused and will award grants of up to $15,000 to support the wide range of projects and activities of the traditional Quality of Life grants. Grants will fund specific budget items that will clearly impact individuals living with paralysis and their families, and the project must be completed within 12 months.

Additional Details

LOI Deadline: April 11, 2018
Internal HRS Deadline: April 17, 2018
Sponsor Deadline: May 1, 2018

Hamilton Health Sciences (HHS) Clinical Health Professional Personnel Award (CHPA)

The Hamilton Health Sciences Clinical Health Professional Research Personnel Award is a one-time personnel stipend award. The award is to be used to help a suitably qualified non-physician health professional who has demonstrated an aptitude for research to pursue research in their discipline, by providing protected time through financial support for a portion of the applicant’s salary.

Funding Details: The value of the award will be up to $50,000

Additional Details

Sponsor Deadline: May 1, 2018

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

The Misk Foundation, the non-profit philanthropic foundation established by Saudi Arabia’s Crown Prince Mohammed bin Salman, and the Bill & Melinda Gates Foundation have partnered to launch Misk Grand Challenges. This initiative seeks to empower youth both with the skills that they need to succeed in the knowledge economy and with the passion required to tackle the world’s most challenging problems. Ultimately, the initiative hopes to nurture a new generation of leaders who will transform both local and global communities.

Funding Details: Awards total $100,000 USD each, provided over 2 years, with an opportunity to apply for follow-on funding.

Additional Details

Internal HRS Deadline: April 18, 2018
Sponsor Deadline: May 2, 2018

Ontario Centres of Excellence Health Technologies Fund (HTF) 3rd Round

The Health Technologies Fund (HTF) supports the development of made-in-Ontario health technologies by accelerating evaluation, procurement, adoption and diffusion in the Ontario health system. HTF is a program of the Government of Ontario’s Office of the Chief Health Innovation Strategist (OCHIS), administered by Ontario Centres of Excellence. OCHIS’ mandate is to strengthen Ontario’s health innovation ecosystem.

HTF fosters partnerships between publicly funded health service providers (HSPs), patients, academia and industry to drive collaboration that improves patient outcomes, optimizes the impact of investment in health innovation and scales health innovation companies.

Funding Details:
• **Pre-Market Evaluation** projects will support up to 50 per cent of the eligible project cash costs up to a maximum amount of $500,000 for a term of up to 24 months.

• **Early Adoption projects** will support up to 50 per cent of the eligible project cash costs up to a maximum amount of $1,000,000 for a term of up to 24 months.

**Additional Details**

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

**Sponsor Deadline:** May 7, 2018

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**Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program**

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

**Funding Details:** up to $15,000 per grant, three grants available for a one-year term.

**Additional Details**

**Sponsor Deadline:** June 1, 2018

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**ALS Canada: ALS Canada Project Grant Program 2018**

The 2018 Project Grant Program encompasses applications previously designated for Discovery, Bridge or Clinical Management Grant competitions. The purpose of the program is to invest in the best possible projects that are i) novel research approaches, supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, ii) part of an ongoing ALS research program, and aimed toward the vision of ALS Canada, which is “A future without ALS” or iii) research focused on avenues to maximize function, minimize disability and optimize quality of life through symptom management, and support to families and persons or families living with ALS. Examples include, but are not limited to, management of secretions and cramps, psychological interventions to address mental health issues, nutritional interventions, respiratory care, engineering applications to reduce physical limitations, and programs to address the needs of caregivers.

**Funding Details:** Up to $1,000,000 available (anticipated 8 x $125,000 grants for use over 1 or 2 years)

**Additional Details**

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

**Sponsor Deadline:** June 8, 2018

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**Cancer Research Society: UpCycle Drug Repurposing Grant**

The UpCycle Drug Repurposing Grants Competition is a new mean by which the Cancer Research Society aims at accelerating the discovery of treatments for cancer patients. Eligible projects should fall into one of the following categories:

- Screening of an FDA-approved compound library provided by the Cancer Research Society
- Computer-assisted or in silico screening followed by pharmacological validation of FDA-approved, off-patent, repurposed compounds
- In cellulo or in vivo validation of an FDA-approved, off-patent drug with demonstrated drug repurposing potential.

Research must be performed using proteins or cells of human origin unless a compelling case can be made for another organism. A scientific review committee will evaluate the letters of intent. A maximum of 10 research teams will be invited to submit a full application. Up to three grants will be offered. Criteria for selection are:

- Scientific merit of the project
- Proof of concept and demonstration of feasibility
- Originality of the research plan
- Potential impact on cancer patients

**Funding Details:** A maximum of $100,000 for a duration of 12-18 mos.
Canadian Blood Services (CBS) MSM Research Grant Program

The objective of the MSM Research Program is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM) while maintaining the safety of the blood supply. As part of this initiative, Canadian Blood Services and HémaQuébec held a two-day meeting in January 2017 with national and international stakeholders to identify research priorities for closing knowledge gaps that impact donor eligibility for MSM. In addition, a research funding competition was held in 2017. Research priorities for this competition include:

- Research to evaluate the impact of alternative risk reduction technologies on donor screening.
- Research to evaluate operational feasibility of alternative donor deferral policies and their acceptability by Canadians.
- Risk modeling and surveillance to assess the risk associated with alternative donor selection policies.
- Research to inform the development of an individual risk assessment donor policy (behavioural based) or to strengthen the existing policy (population based)

Funding Details: The Program will support small (up to $50,000) and large (up to $300,000) research projects that are aligned with the objective of the program as stated above and address one or more of the research priorities listed below. For the 2018 competition, the total funding available is $850,000.

Crohn’s & Colitis Foundation: Grants

The Crohn’s & Colitis Foundation has recently announced the following funding opportunities:

1) The Litwin IBD Pioneers Initiative, the objective:
   - to support innovative clinical and translational research projects with the potential to impact the treatment of inflammatory bowel disease (IBD) patients in the near future,
   - to encourage novel research into the diagnosis, identification of clinically relevant subsets, treatments, and cures for IBD,
   - to fund innovative pilot research for scientists to test their initial ideas and generate preliminary data.

2) Senior Research Awards, the objective: to provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources.

Funding Details:

- **Litwin IBD Pioneers Initiative**: maximum $130,000 (including 10% direct costs), maximum 2 years
- **Senior Research Awards**: maximum per year $115,830 (direct costs up to $105,300 per year; indirect costs 10% of direct costs, or up to $10,530), for 1 – 3 years

European Commission Research Projects on Personalized Medicine – Smart Combination of Pre-clinical and Clinical Research with Data and ICT Solutions

The aim of this Funding Opportunity is to fund projects showing clinical feasibility of Personalized Medicine in complex/multifactorial diseases as well as other diseases (as monogenic, rare diseases and cancer). Applicants are expected to combine pre-clinical and/or
clinical research with bio-informatics components to enable data quality on one side and the potential applicability for health care providers on the other side. Proposals must be interdisciplinary and clearly demonstrate the potential impact in PM as well as the added value of transnational collaboration: sharing of resources (registries, diagnosis, biobanks, models, databases, diagnostic and bio-informatics tools, etc.), platforms/infrastructures, interoperability of data harmonization strategies and sharing of specific know-how.

**Funding Details:** The total amount of CIHR funds available for this Funding Opportunity is $4,087,500 CAD, enough to fund 9 grants. The maximum amount per grant is $150,000 per year for over a period of up to 3 years.

**Additional Details**

**LOI Deadline:** April 10, 2018  
**Internal HRS Deadline:** June 21, 2018  
**Sponsor Deadline:** July 5, 2018

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**Organization for Autism Research (OAR): Applied Research Competition**

OAR seeks to fund studies that expand the body of knowledge related to autism intervention and treatment, produce practical and clearly objective results, have the potential to impact public policy, and provide outcomes that offer to enhance quality of life for persons with autism and their families. While applicants are always free to submit on any relevant area of research or intervention, this year, OAR is placing an emphasis on research that addresses the following targeted areas: healthcare transition, generalization of technology-based intervention, community-based intervention, residential services and supports, literacy, and sexuality education. While there is no guarantee of funding, studies that address these topics will receive additional scoring credit during the review process.

**Funding Details:** Researchers can apply for 1-2-year grants of up to $30,000.

**Additional Details**

**LOI Deadline:** March 26, 2018  
**Internal HRS Deadline:** July 23, 2018  
**Sponsor Deadline (By invite only):** August 6, 2018

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**MRIS Early Researcher Awards Round 14**

The Ontario Ministry of Research, Innovation and Science (MRIS) has issued the call for proposals for Round 14 of the Early Researcher Awards (ERA) competition. The ERA program helps promising, recently-appointed Ontario researchers build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians. The ERA program encourages applications from all disciplines. Proposals will be evaluated on the excellence of the researcher (40%), the quality of the research (30%), the development of research talent (20%), and the strategic value for Ontario (10%).

**Matching funds are required for this program.** Also, to be competitive, applicants must have a strong history of peer-reviewed funding, and must be able to demonstrate academic independence from previous supervisors and the benefits of their proposed research to Ontario. Therefore, it is advised that you meet with your Department Chair and Associate Dean Research to review your CV and secure matching funds.

**Funding Details:** Each award is a maximum of $100,000 over five years. These funds may be used for salaries, benefits and research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians. In addition, up to $40,000 will be provided by the Ministry to the institution for indirect costs. The award of $100,000 for direct costs must be matched by an additional $50,000 in cash from the researcher’s institution and/or a private or public sector partner.

**Additional Details**

**NOI Due to HRS:** May 29, 2018  
**NOI Due to MRIS:** June 1, 2018  
**Internal HRS Deadline:** July 25, 2018  
**Sponsor Deadline:** August 7, 2018

*To apply, contact, Sarah McNiven-Scott, Senior Grants Advisor, Major Projects, HRS, at mcnivesb@mcmaster.ca or ext. 22871 no later than April 9, 2018*
**Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s & Related Diseases**

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

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

**Additional Details**

**LOI Deadline:** April 19, 2018
**Internal HRS Deadline:** July 25, 2018
**Sponsor Deadline:** August 8, 2018

**Networks of Centres of Excellence of Canada Knowledge Mobilization (NCE-KM) Initiative Competition**

The NCE-KM initiative funds networks dedicated to transferring knowledge to those who can put it into practice. It supports collaborations between knowledge producers and knowledge users from various disciplines, sectors and institutions, including industry, government, not-for-profit organizations and various sources and types of knowledge for the social, economic, technological, and/or wellness benefit of Canada and the Canadian population. Networks focus on addressing key problems, challenges and opportunities of high strategic importance to Canada.

NCE-KM networks are expected to create social and/or economic benefits through the application of evidence-based knowledge generated from research in combination with other sources and types of knowledge. The program supports networks pursuing knowledge translation along the entire spectrum: from the range of activities encompassed in knowledge mobilization (creation of activities and tools designed to put knowledge into active service, often through the establishment of new or modification of existing policies, processes and standards) to those encompassed in commercialization (the transformation of knowledge or technology into marketable goods, processes or services).

**Funding Details:** The total budget for this competition is currently set at $4.8M over 4 years ($1.2M/year). Successful networks will be awarded up to $400,000 per year for four years with a possible three-year renewal.

**Additional Details**

**Draft LOI to HRS:** April 2, 2018
**LOI Deadline:** April 16, 2018
**Internal HRS Deadline:** August 21, 2018
**Sponsor Deadline:** September 4, 2018 (By invite only)

*To apply, contact, Sarah McNiven-Scott, Senior Grants Advisor, Major Projects, HRS, at mcnivesb@mcmaster.ca or ext. 22871*

**Canadian Cancer Society (CCS) Impact Grants**

The Impact Grant program is intended to contribute to the scientific idea ‘pipeline’ by supporting significant progression in cancer research programs that are anywhere in the continuum from basic high impact discovery to translational work of direct relevance to the clinic and beyond. Impact Grants will accelerate and focus the knowledge gained from scientific findings, in the short or long term, into outcomes that will significantly advance understanding of cancer and improve scientific knowledge, which will result in optimized patient care, improved cancer treatment or reduced cancer burden. Impact Grants are to provide funding to support ideas that promote major advancements in research programs, whether at the fundamental discovery stage (such as studies involving model organisms that demonstrate potential for impact) through to applied research (such as patient or population-based proposals). In addition to biomedical research, applications from prevention, health services, social and population health researchers are encouraged. Note that these grants are not intended to support incremental scientific advances and should not be considered a “regular” research grant and are not intended to solely support research infrastructure.

**Funding Details:** Budgets awarded will not exceed $250,000 per year, to a maximum of $1,250,000 per grant. The grant term is up to 5 years.
Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 12

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

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

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

MITACS Accelerate Fellowship

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

Funding Details:

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

Weston Brain Institute: Early Phase Clinical Trials: Canada

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

An application requires the submission of a Letter of Intent which will be reviewed by our scientific review committee. Applicants with high potential projects will then be invited to submit a Proposal. Instructions for submitting the Proposal will be forwarded to those invited. Applicants can expect to receive the outcome of their LOI application approximately 2 months after submission.
Funding Details: A maximum of $1,500,000 per project over up to 4 years.

Additional Details
Sponsor Deadline: Ongoing

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 $80,000, including indirect costs, for one year, non-renewable.

Additional Details
Sponsor Deadline: Ongoing

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

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

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

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

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

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

TalentEdge Internship Program (TIP)
Ontario’s TalentEdge Internship Program (TIP) provides support for current college and university students (specifically current graduate students and final year undergraduate students), and recent Masters graduates (within three years of graduation), to work on industry-driven research and development projects. Projects must have a clearly-defined R&D component, where R&D is defined by the discipline and is inclusive of all areas of specialization and disciplines. The TalentEdge Internship Program is open to students and recent graduates from across all disciplines, and all areas of specialization.
**Funding Details:** Each four-month internship is valued at $20,000 as follows: $10,000 contribution from OCE; $5,000 company cash contribution; $5,000 company in-kind contribution. It is possible to also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**TalentEdge Fellowship Program**

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

**Funding Details:** Each 12-month fellowship is valued at $85,000 as follows

- $35,000 contribution from OCE
- $25,000 company cash contribution
- $25,000 company in-kind contribution

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**MITACS Accelerate Program**

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

**Funding Details:** Funding starts at $15,000

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**MITACS Globalink Partnership Award**

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

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

**Additional Details**

**Sponsor Deadline:** Ongoing

*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*
Genome Canada Information Session – Large Scale Applied Research Project (LSARP) Competition

Genome Canada will be launching their next Large Scale Applied Research competition shortly which will likely be focused on agriculture, agri-food, fisheries and aquaculture. Based on past LSARP competitions, projects will likely need to be: large scale applied scientific or GE3LS (social science/humanities pertaining to genomics) projects that focus on using genomic approaches within the agriculture, agri-food and fisheries/aquaculture sectors; include end users as part of the project teams; be multi-disciplinary (science and social science/humanities); and have a total 4-year budget between $2M-$10M. Co-funding will be required and project deliverables will need to lead to social and/or economic benefits to Canada.

The anticipated launch of this new LSARP competition is June 2018. While the competition parameters are still being finalized, we wish to alert potential applicants of this pending competition so that networking and project preparation can begin now.

In preparation for this competition, ROADS will be hosting an information session on Thursday April 5, 2018 with Caitlin Taylor, Senior Manager, Research and Business Development at Ontario Genomics. At this information session, researchers will learn more about the competition and how to work with partners and Ontario Genomics to position a research project for success from application stage through implementation. Caitlin will be available after the information session to meet with individual researchers or groups who wish to discuss their projects and ask questions.

Where: MDCL 2232
When: Thursday April 5, 2018, 1:30pm – 3:00pm

Specific program information and guidelines regarding this funding opportunity will be sent to FHS researchers by HRS once this program is launched.

Those researchers who would like to attend this information session and meet with Caitlin, please register https://genome-canada-information-session.eventbrite.ca.

McMaster University Faculty Workshop - My Pitch: Building Research Collaborations

The Office of the Vice-Provost, Faculty and Mitacs invites faculty to My Pitch: Building Research Collaborations Workshop

Where: University Hall (UH) 211
When: Thursday, March 29 1pm to 2:30pm

Successful researchers explore and build partnerships across many sectors with the goal of developing broad-based, collaborative relationships to advance industry and social innovation and their research. Developing and delivering a compelling pitch is a key element in initiating these partnerships.

Mitacs’ Director of Strategic Accounts and Business Development, Rebecca Bourque, will lead this hands-on session to guide you, the researcher, in developing the research-specific story that you would pitch to a prospective partner. Once you have created your narrative, you will practice your pitch, receiving constructive comments to help refine your message and delivery.

To ensure everyone receives one-on-one consultation throughout the workshop, these sessions will be limited to 12 participants.

Please note: participants must arrive to the workshop with their identified potential partner in mind.

If you are interested in attending, please register at: My Pitch
**Association of Clinical Research Professionals (ACRP) E-Learning Program**

Together, McMaster University, Hamilton Health Sciences and the Research Institute of St. Joe’s Hamilton have partnered with the Association of Clinical Research Professionals (ACRP) to make an e-learning training program available to our esteemed and valued research staff at no cost. We are delighted to share this exciting news with you and encourage you to partake in this opportunity.

Please visit the Health Research Services website: [https://fhs.mcmaster.ca/healthresearch/ACRP.htm](https://fhs.mcmaster.ca/healthresearch/ACRP.htm) to learn about ACRP and how you can register.

**N2 and Health Canada Request for Feedback: Guidance Document Part C, Division 5 of the Food and Drug Regulations**

“Drugs for Clinical Trials Involving Human Subjects”

N2 is working in partnership with Health Canada (HC) on their consultation to seek input from Canadians and key stakeholders on their draft of GUI-0100: Guidance Document-Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects”.

HC is looking for comments on the clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH-E6(R2) in the Canadian context. Health Canada, as a member of ICH, will formally adopt ICH-E6(R2) on April 1st, 2018.

This GUI-0100 guide is designed to make Part C, Division 5 of the [Food and Drug Regulations](https://www.canada.ca/en/health-canada/services/drugs-health-products/consultations/10157361.html) “Drugs for Clinical Trials Involving Human Subjects” easier to understand. It is intended to:

- promote stakeholder compliance with Part C, Division 5
- promote consistency and quality in the conduct of Health Canada compliance activities
- provide interpretation of Part C, Division 5, and specifically in terms of its relationship to ICH E6(R2)

**Health Canada** is looking for comments on:

- The clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH E6(R2) in the Canadian context

**Health Canada** is not looking for comments on:

- The wording or specific provisions of Part C, Division 5 of the Food and Drug Regulations
- The wording and provisions of ICH E6(R2)

**TIMELINE**

Feedback will be collected between December 15th, 2017 and April 15th, 2018.

As an N2 member, we encourage you to provide your feedback through the N2 mechanism to support Health Canada’s structured approach and to facilitate collation of the feedback.

Please find the GUI-0100 draft guidance documents [here](https://www.surveymonkey.com/r/2WDY26Q), and use the following link to provide your comments/feedback:

[https://www.surveymonkey.com/r/2WDY26Q](https://www.surveymonkey.com/r/2WDY26Q)

If you have questions, related to N2’s involvement with Health Canada’s consultation on GUI-0100 please contact:

Karen Arts- N2 Chair, Board of Directors
karen.arts@n2canada.ca
Tel: 416.673.6637

Susanna Sellmann-N2 Quality Committee
Susanna.Sellmann@uhnresearch.ca
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**Health Research Grant Competitions**

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

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**CIHR – Team Grant: Nutrition and the Epigenome**

The up or down regulation of genes due to environmental influences may be responsible for differences between individuals that manifest later in life, or even in subsequent generations. Research has shown, for example, that malnutrition of the mother during pregnancy has lasting negative consequences for the health of her child, increasing the risk of cardiovascular diseases, diabetes, breast cancer and depression. Previous research has studied epigenetic changes in early life. However, the effects of diet on epigenetic regulation, gene expression in different tissues, and subsequent metabolic health and disease are still unclear. Experts need to better understand the mechanistic pathways that link dietary interventions to those epigenetic changes that have functional/physiological consequences to the tissue and ultimately the organism. Epigenetics is highly tissue and cell specific, and it is likely that different tissue types may respond differently to diet and dietary components. Until now, most studies have focused on clinically accessible tissues such as blood. In this call, the JPI HDHL encourages research looking at epigenetic changes in other tissues, for example, the gut and the brain, which could deliver valuable new insights. Improved understanding of the impact of epigenetic changes across the different life stages is also required. The early life and in utero periods represent key critical windows for the influence of nutrition in determining epigenetic marks and health trajectories. However, it is also important to elucidate whether epigenetic profiles determined in early life can be reversed or modified by environmental factors (including nutrition) in later life. Furthermore, there may be epigenetic changes later in life, or in critical periods later in life, where diet plays a key role.

**Funding Details:** The total CIHR amount available for the Canadian component of successful projects is $900,000 CAD, enough to fund approximately two grants. The maximum amount per Canadian component of the grant is $150,000/year for up to three years.

**Additional Details**

**Internal HRS Deadline:** March 29, 2018

**Sponsor Deadline:** April 12, 2018

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**CIHR – Team Grant: Canada-EU Data Flagship Collaboration**

The goal of this funding opportunity is to build a collaboration of stakeholders in Europe and Canada in the domain of repositories storing and sharing human –omics data that will create a framework for long-term cooperation. In order to do so, this program aims to enhance and standardize data deposition, curation and exchange procedures thus ensuring better data reuse and increased benefit to the scientific communities worldwide. Projects should develop approaches that integrate data from disparate sources and include one or more of the following elements:

- Data models that guarantee the interoperability of human health research data from different repositories and integrate different types of –omics data and, where relevant, clinical research and lifestyle data. The data models should take into account sex/gender differences where relevant. The projects should build on existing research infrastructures such as –omics repositories, biobanks and registries.
- Reference architecture for data and process interoperability.
- Technologies and methodologies for data harvesting, data access, data transfers, and archiving complex datasets.
- Bioinformatics toolbox to support the analysis and management of data on diseases from a personalized medicine standpoint.
- International ethical and legal governance model for a research data management and storage infrastructure and an associated data management plan compliant with the required level of data security and privacy that is aligned with the recent recommendations of the OECD Council on Health Data Governance.

For complete information on the challenge to be addressed, scope, expected impact, and cross-cutting priorities, please refer to the [European Commission funding opportunity](#).

**Funding Details:** The total amount available to Canadian researchers for this funding opportunity is CAD $5,500,000, enough to fund up to 7 grants from all Canadian funding sources. This amount may increase if additional funding partners participate. The maximum amount per grant is $200,000 per year for up to 4 years for a total of $800,000, per grant.
Additional Details
Internal HRS Deadline: April 4, 2018
Sponsor Deadline: April 18, 2018

**CIHR – Operating Grant: ECI Grants in Maternal, Reproductive, Child & Youth Health**

This funding opportunity is a collaboration between five CIHR institutes with a goal to build research capacity in maternal, reproductive, child and youth health by funding operating grants to early career investigators. The program will fund research across the four *CIHR research themes* (biomedical, clinical, health systems services, and population health) that has the potential to have a significant impact on maternal, reproductive, child and youth health outcomes according to the mandates of the participating CIHR institutes. Ultimately, the program aims to strengthen Canada's capacity and knowledge to respond to challenges and needs by providing important early career development support to researchers in these fields.

**Funding Details:** The total amount available from CIHR for this funding opportunity is $1,260,000, enough to fund up to 12 grants. The maximum amount per grant from CIHR is $35,000 per year for up to 3 years for a total of $105,000. Of the $1,260,000 available from CIHR:

- $630,000 is available to fund applications relevant to the overarching focus of maternal, reproductive, child and youth health (6 grants)
- $210,000 is available to fund applications in the research area relevant to IAPH (2 grants)
- $105,000 is available to fund applications in the research area relevant to ICRH (1 grant)
- $105,000 is available to fund applications in the research area relevant to III (1 grant)
- $210,000 is available to fund applications in the research area relevant to INMHA (2 grants)

The CIHR contribution must be matched at a minimum of 1:1 by the successful applicant's host institution and/or other partner(s), such as a charitable organization, philanthropic foundation, or industry partner.

Additional Details
LOI Deadline: April 17, 2018
Internal HRS Deadline: May 1, 2018
Sponsor Deadline: May 15, 2018

**CIHR – Operating Grant: Network Environments for Indigenous Health Research**

The purpose of the Network Environments for Indigenous Health Research (NEIHR) is to build on previous efforts of the *Network Environments for Aboriginal Health Research (NEAHR)*, initially launched in 2007, and the *Indigenous Mentorship Network Program (IMNP)*, initially launched in December 2016, by establishing a solid foundation for Indigenous health research driven by, and grounded in, Indigenous (i.e., First Nations, Inuit and Metis) communities in Canada. While NEAHR was revolutionary for its time, NEIHR will take a broader and more sophisticated approach to Indigenous health research and capacity building not just by focusing on individuals (e.g., supporting trainees and researchers), but also by concentrating on Indigenous communities, and social structures (e.g., educational systems, institutions, research infrastructures, policy apparatus, etc.).

**Funding Details:** The total amount available for this funding opportunity is $900,000, enough to fund approximately 12 grants. The maximum amount per grant is $75,000 per year for up to 1 year.

Additional Details
LOI Deadline: April 26, 2018
Internal HRS Deadline: May 22, 2018
Sponsor Deadline: June 5, 2018

**CIHR – Team Grant: Transnational Cardiovascular Research Projects**

The ERA-CVD JTC2018: Transnational Cardiovascular Research Projects driven by Early Career Scientists is expected to:

- foster transnational cooperation of European countries and beyond, and to coordinate research efforts and funding programs of the ERA-CVD partner countries with Canada
- promote co-operation and interchange between Early Career Scientists and thus enable international collaboration and new consortia establishment in cardiovascular research,
- enable capacity building and empowering of Early Career Scientists by providing opportunity to independently develop and perform highly innovative research projects,
add value in funding the collaboration over individual projects by sharing of resources (e.g., models, databases, diagnosis etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.

**Funding Details:** The total amount available for Canadian applications is Can$ 585,000, which is enough to fund approximately two (2) grants. This amount may increase if additional funding partners participate. The maximum amount available per grant to Canadian participants in transnational consortia is Can$ 97,500 per year for up to three (3) years for a total of Can$ 292,500, per grant.

**Additional Details**

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

**CIHR Team Grant: E-Rare-3 Joint Transnational Call (2018)**

There are at least 7,000 distinct rare diseases, the great majority being of genetic origin. Although individually rare, taken together rare diseases affect at least 26-30 million people in Europe alone. Moreover, they represent a major issue in health care: a large number of these diseases have an early or very early onset and/or lead to a significant decrease of life expectancy. Moreover, most of them cause chronic illnesses with a large impact on quality of life and the health care system. Therefore, research on rare diseases is needed to provide knowledge for prevention, diagnosis and better care of patients. Yet, research is hampered by lack of resources at several levels:

1. Few scientists work on any given specific disease,
2. There are few patients per disease and they are scattered over large geographic areas, causing difficulties to assemble the necessary cohorts,
3. Existing databases and bio-material collections are usually local, small, and not accessible or standardised,
4. The complex clinical phenotypes of these diseases require interdisciplinary cooperation to improve research and treatment.

The specificities of rare diseases - limited number of patients, scarcity of relevant knowledge and expertise, and fragmentation of research - single them out as a distinctive domain of very high European added-value. Rare diseases are therefore a prime example of a research area that necessitates collaboration/coordination on a transnational scale. In this context, the ERA-NET “E-Rare” for research programmes on rare diseases has been extended to a third phase “E-Rare-3” (2014-2019) to further help in coordinating the research efforts of European, Associated and non-European countries in the field of rare diseases and implement the objectives of the [International Rare Disease Research Consortium (IRDiRC)](https://irdirc.org). CIHR is pleased to be partnering with the Fonds de recherche du Québec – Santé (FRQS) once again in the context of this ERA-Net.

**Funding Details:** The total amount available for this funding opportunity is $2,000,000, enough to fund 5-6 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $125,000 per year for up to 3 years for a total of $375,000 per grant. Of this $2,000,000, $500,000 is available to fund applications relevant to the mandate of the Fonds de recherche du Québec – Santé FRQS.

**Additional Details**

**Internal HRS Deadline:** June 5, 2018  
**Sponsor Deadline:** June 19, 2018

**CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform**

The objectives of the SPOR National Data Platform will be to:

- Create efficiencies in data collection and reduce the time required for researchers to access multi-jurisdictional data.
- Establish systems of retrieval, standardization/harmonization and linkage of high priority clinical data to administrative and social data to enable richer population-based multi-jurisdictional studies to be conducted.
- Establish valid and reliable methods for linking primary research data (e.g., cohorts, clinical trials) to health administrative, social and other data to create efficiencies in data collection.
- Inform and provide innovative and ethical solutions to data access and its use through patient and partner engagement.
- Facilitate access to data analytic and data storage services, as needed, for multi-jurisdictional studies.

**Funding Details:** The total amount available from CIHR for this funding opportunity is up to $39,000,000 enough to fund one grant for a term of up to seven years. The breakdown of the annual funding available is as follows:

- Year 1: $3,000,000
- Year 2: $4,000,000
• Year 3: $5,000,000
• Year 4: $6,000,000
• Years 5-7: $7,000,000 in each year

Additional Details
LOI Deadline: April 17, 2018
Internal HRS Deadline: June 5, 2018
Sponsor Deadline: June 19, 2018

CIHR – Team Grant: ERA-Net PerMed
The overall aim of the call is to fund projects showing clinical feasibility of PM in complex diseases (including multifactorial, monogenic and other diseases). By feasibility is meant the demonstration of significant and clinically relevant improvement of current diagnostics and/or therapeutics, based on improved understanding of underlying molecular mechanisms. Applicants are expected to combine pre-clinical and/or clinical research with bio-informatics components to enable data quality on one side and the potential applicability for health care providers on the other side.

Funding Details: The total amount available to Canadian researchers from CIHR and FRQS is $4,587,500 CAD, enough to fund ten (10) grants. This amount may increase if additional funding partners participate. The maximum amount available is $150,000 CAD per year for up to three (3) years for a total of $450,000 CAD, per grant.

Additional Details
Internal HRS Deadline: June 21, 2018
Sponsor Deadline: July 5, 2018

CIHR – Team Grant: GENDER-NET Plus
The aim of the Joint Call is to enable scientists in different countries to build an effective collaboration on a common interdisciplinary Collaborative Research Project (CRP) based on complementarities and sharing of expertise, with a clear translational research approach.

The specific objective of this Joint Call is to advance gender equality in research through institutional change and to foster the integration of SGBA into research, contents and funding programmes.

Funding Details: The total amount available for Canadian researchers from CIHR is $1,500,000 CAD, enough to fund five (5) grants. The maximum amount available is $100,000 CAD per year for up to three (3) years for a total of $300,000 CAD, per grant.

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

Michael G. DeGroote Fellowship Awards
The Michael G. DeGroote Fellowship Awards are an opportunity for excellent postdoctoral candidates to pursue top-level research training. First awarded in 2008, the awards provide funding to research-intensive individuals looking to further their academic career in the Faculty of Health Sciences at McMaster University.

Each award provides non-renewable funding of $50,000 for one year for successful applicants. The funding is comprised of $40,000 from the Michael G. DeGroote Health Sciences Development Fund and $10,000 contributed by the applicant’s supervisor.

Awards are available in two categories: the Michael G. DeGroote Fellowship Award in Basic Biomedical Science and the Michael G. DeGroote Fellowship Award in Clinical Research. Candidates conducting basic science research are eligible for the Basic Biomedical Science Fellowship Award and those pursuing clinical research are eligible for the Clinical Research Fellowship Award. Applicants must identify in their application which award they are applying for. Separate selection committees will review the respective applicants for each award.

Applications are now being accepted and we are seeking qualified candidates to apply. If you know of any first-rate candidates who you feel would be a good fit for these awards under your supervision, please:

- Email mgdfa@mcmaster.ca clearly detailing your ability and willingness to provide the matching $10,000 in funding to support the candidate
• Have the candidate visit [http://fhs.mcmaster.ca/mgdfa/](http://fhs.mcmaster.ca/mgdfa/) and apply online. The deadline for applications is April 2, 2018 with an estimated start date of July 1, 2018.

Eligibility
• Only candidates who are (a) external to McMaster, or (b) internal students who have yet to begin postdoctoral or health professional degree studies at McMaster, or (c) internal students who began their postdoctoral or health professional degree studies at McMaster no earlier than July 1, 2017, will be eligible for the awards.
• For candidates who hold (or are completing) a PhD, the proposed supervisor(s) listed in their application must be different than their PhD supervisor.
• Priority will be given to those applicants whose graduate training has not been exclusively at McMaster.

It is expected that winning applicants will seek out and attain external funding within their one-year award term. Supervisors are expected to assist their candidates in doing so.

For more information on the awards, please visit the awards website or send any questions to mgdfa@mcmaster.ca.

Additional Details
Sponsor Deadline: April 2, 2018

**HHS New Investigator Fund (NIF) 2018 Round 1**
The Hamilton Health Sciences' commitment to “first stage” research led to the creation of the New Investigator Fund (NIF). The fund is an integration of the former HHS Foundation Young Investigator Grants and the HHS Research Development Fund, and provides a unique opportunity to foster and support a culture of inquiry for novice investigators under the mentorship of senior staff. The NIF provides project funding to front-line staff (healthcare professionals and medical staff) toward research initiatives directly relevant to the clinical mission and research strategic direction of HHS.

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

Additional Details
Sponsor Deadline: April 3, 2018

**Petro Canada – McMaster University Young Innovator Award**
The MacPherson Institute is requesting applications for this award to recognize innovative early researchers and provide funding for a project involving undergraduate students. One applicant per Faculty is requested. Departments are invited to nominate potential candidates who are within the first eight years of receiving their PhD.

**Nomination Process:**
Please forward the entire nomination package including Chair’s Nomination Letter, Candidate’s CV, Project Proposal and confirmation of PhD completion date to Catherine Gill Pottruff gillc@mcmaster.ca by March 30th. A selection committee will review all nominees and choose the candidate to be put forth by the Faculty of Health Sciences.

For more information regarding this award, please contact Alyson Brown at the MacPherson Institute browna22@mcmaster.ca or x 20856

For more information regarding the Faculty nomination, please contact Catherine Gill Pottruff in HRS gillc@mcmaster.ca or x 22057

**Funding Details:** The Award consists of campus-wide recognition for innovative research achievement by a new faculty member, and $25,000 support towards a project to actively involve undergraduate students in research.
Faculty of Health Sciences Education Innovation Fund

**Purpose:** To encourage and provide support for the development and evaluation of novel and innovative approaches to health sciences education in the Faculty of Health Sciences.

**Eligibility:** All members of the faculty of FHS are eligible for funding support. Funding cannot be used to supplement another partly funded project. All those awarded funding must be willing to present their research at the Geoffrey R Norman FHS Education Research Day in June. Priority will be given to projects that address competency-based education, simulation-based education and innovative pedagogy and projects where theory is used/developed to inform practice. The activity of the project should be focused on McMaster Faculty of Health Sciences.

**Application Process:**
Applicants are required to submit:

1. **An abridged CV** (max. 3 pages, focusing on previous research and educational scholarship)
2. **A project summary** - 3 pages maximum, single spaced, plus references, outlining:
   a. Proposed study question/objectives
   b. Proposed method of analysis
   c. Expected project outcome
   d. Strategy for disseminating outcome findings
   e. Potential education impact of the study
   f. Potential of the research for commercialization, if applicable
3. **Budget**
   The following expenses are ineligible:
   a. Salary support for P.I. or other faculty members
   b. Computers and other equipment unless integral to the study e.g. voice recording equipment
   c. Infrastructure expenses that are presently supported elsewhere (e.g. telephone, administrative assistant)
      No university overhead will be charged. Open Access journal publications costs will be allowed.
4. **Adjudication**
   The adjudication process will be administered by the office of the Associate Dean, Health Professional Education who will chair a selection committee of senior faculty. Preference will be given to projects that address the priority areas identified in the Eligibility section above and that incorporate a design that uses theory to inform practice or uses practice to develop theory.

**Funding Details:** Funding will be awarded to one or more applicants annually for up to two years of funding support to a maximum of $50,000 per project, spread over the two years; funding for the second year is contingent on the submission of a satisfactory interim report to the selection committee prior to the end of the first year of funding. A final report shall be submitted upon completion of the project. The selection committee reserves the right to not fund any projects in any given year. Award winners will be announced at the Geoffrey R. Norman FHS Education Research Day on June 6, 2018.

**Additional Details:**
1. **Deadline for application April 13, 2018 at midnight.**
2. **Submit as 1 pdf document with the P.I.’s name and a short version of the title as the document’s name.**
3. **Submit to the office of the Associate Dean, Health Professional Education c/o mcarthj@mcmaster.ca**

Sponsor Deadline: **April 13, 2018**

The University of British Columbia Faculty of Medicine Call for Nominations: National Research Prizes

The University of British Columbia is currently seeking nominations for the following two research prizes:

**Dr. Chew Wei MBBS [HK] FRCOG [ENG] Memorial Prize in Cancer Research**

The Dr. Chew Wei MBBS [HK] FRCOG [ENG] Memorial Prize in Cancer Research is awarded annually to a Canadian physician or scientist who makes outstanding contributions to the treatment, amelioration, or development of therapies for cancer.

**Margolese National Brain Disorders Prize**
The Margolese National Brain Disorders Prize is awarded annually to a Canadian physician or scientist who makes outstanding contributions to the treatment, amelioration, or cure of brain disorders.

PLEASE NOTE: Based on the prize guidelines for the 2018 Margolese Brain Disorders Prize, nominations must be for individuals external to the University of British Columbia.

Additional Details and Nomination Instructions

Funding Details: The prizes each have a value of $50,000

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

CanVECTOR Trainee Fellowship & Studentship Awards 2018-2019
CanVECTOR offers two types of research training awards to the medical and scientific community:

1. **Research fellowships (given priority over studentships)** - candidates who are MDs and aim to become clinician scientists or clinician investigators in venous thromboembolism (VTE). Definitions below:

   CanVECTOR clinician scientist:
   - Is committed to devoting a substantive percent (≥ 75%) of their professional effort to research
   - Has formal training in research methodology (MSc or PhD degree)
   - Develops and leads research projects (assumes the role of principal applicant for grant applications and principal investigator for research execution)

   CanVECTOR clinician investigator:
   - Is committed to devoting a portion of their professional effort to research
   - May (or may not) have formal training in research methodology
   - Contributes to the development and conduct of research projects (may participate as a co-applicant for grant applications and co-investigator for research execution)

2. **Graduate studentships** - candidates who are enrolled in an MSc or PhD program (not MDs) and are interested in conducting VTE-focused research or developing VTE-related methodology expertise

Funding Details:
- Fellowship – Maximum of $50,000 for 1 year
- Studentship – Maximum of $20,000 for 1 year

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

CanVECTOR Thrombosis Canada Research Fellowship 2018-2019
Thrombosis Canada and CanVECTOR proudly support a promising new clinician-investigator each year through the Thrombosis Canada CanVECTOR Fellowship for Knowledge Translation/Clinical Outcomes Research. The purpose of the fellowship is to provide financial support for a highly qualified clinician-investigator to allow them to pursue further training in thromboembolism at a Canadian centre, focusing on knowledge translation and/or clinical outcomes research.

Funding Details: $50,000 for one year, July 1 to June 30th.

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

Brain Canada Foundation and Azrieli Foundation Early-Career Capacity Building Grants
Supported by the Canada Brain Research Fund, the general purpose of the Early-Career Capacity Building Grant program is to accelerate novel and transformative research that will fundamentally change our understanding of nervous system function and dysfunction and their impact on health. The goal is to reduce the social and economic burden of neurological and mental health
problems by prevention, early diagnosis, and treatment. At the early stage of an investigator’s career, recently hired faculty are in a strong position to formulate innovative research projects that are “high risk/high reward”, but they often lack the preliminary data required to obtain their first large grant. This program provides an opportunity to develop new lines of research on the fundamental properties and mechanisms of the brain and nervous system, and gather such preliminary data. The Early-Career Capacity Building Grant has the potential to be transformative at a time when it is well recognized that there is a significant funding gap to support and retain our brightest early-career investigators, who are well positioned to make major contributions to Canadian brain research.

**Funding Details:** This competition has an overall envelope of $1,000,000 to support 10 projects that last two years each, for a total of $100,000 per project.

**Additional Details**

**Internal HRS Deadline:** April 3, 2018  
**Sponsor Deadline:** April 17, 2018

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**European Commission International Flagship Collaboration with Canada for Human data storage, integration and sharing to enable personalized medicine approaches**

CIHR and FRQS are pleased to announce that funding is available to support Canadian researchers interested in collaborating in the domain of repositories storing and sharing human-omics data that will create a framework for long-term cooperation through transnational collaborations with European researchers. The goal of this program aims to enhance and standardize data deposition, curation and exchange procedures thus ensuring better data reuse and increased benefit to the scientific communities worldwide. This is a unique collaboration, and CIHR’s first European Commission Research and Innovation Action (RIA), which will require each project to involve at least one Canadian investigator and three European investigators fundable by the European Commission.

**Funding Details:** The total amount available for Canadian researchers from CIHR and FRQS is $5.5 million CAD, enough to fund 7 grants. The maximum amount available is $200,000 CAD per year for up to four (4) years for a total of $800,000 CAD, per grant.

**Additional Details**

**Internal HRS Deadline:** April 4, 2018  
**Sponsor Deadline:** April 18, 2018

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**SickKids Foundation, National Grants: New investigator Research Grants**

The objective of the New Investigator Research Grant is to support early career investigators who successfully lead, participate in, and translate outstanding child health research that will respond to children’s health challenges and needs. Funding is provided for research in biomedical, clinical, health systems and services, and population and public health sectors.

The principal investigator will hold a doctoral degree (Ph.D) or equivalent medical/health care degree, and have had formal research training. Eligible applicants are required to include a mentorship plan and to work with a clearly-identified mentor.

**Funding Details:** maximum $100,000 per year for a maximum 3 years

**Additional Details**

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

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Through this AO, the CSA is seeking to financially support Canadian researchers who will design and implement scientific protocols to investigate health risks associated with space travel.

More specifically, the proposal(s) selected through this CSA competition will maximize the use of Bio-A and Bio-M systems for in situ data collection to:

- Contribute to the understanding, mitigation or elimination of health risks associated with human space flight;
- Contribute to a better understanding of similar health issues or applications on Earth;
- Propose innovative space life science studies to be conducted on the ISS including those that may use astronauts as subjects;
- Minimize requirements for transport of materials to and from the ISS;
- Foster training of highly qualified personnel in space health and life sciences.
Funding Details: Maximum amount per project: up to $750,000 for new Canadian projects; $500,000 for Canadian participation in an International project. Maximum duration of the project: five (5) years.

Additional Details
Internal HRS Deadline: April 12, 2018
Sponsor Deadline: April 26, 2018

Brain Tumour Foundation of Canada Research Grant Program
Supporting brain tumour research in Canada allows each of us who are affected by brain tumours to both better understand this disease and to move closer to finding new treatments, improving current treatments, and enhancing the quality of life for brain tumour patients. Thanks to donors, the Research Grant Program provides financial support to Canadian researchers with critical funds that help to propel their research forward into the future. Proposals that receive funding include research that involves any and/or all of the following:
- The development of new concepts
- Patient-oriented research such as clinical trials, epidemiological studies, quality of life studies, outcomes, health services research
- Pre-clinical research evaluating the therapeutic potential of recent discoveries in the basic mechanisms of either brain tumour pathogenesis or experimental therapeutics

Funding Details: Applications for grants up to $25,000.00 will be considered

Additional Details
Internal HRS Deadline: April 13, 2018
Sponsor Deadline: April 27, 2018

Cancer Research Society 2018 Scholarships for the Next Generation of Scientists
The Cancer Research Society is pleased to announce the launch of its 2018 Scholarships for the Next Generation of Scientists competition, an initiative aiming at supporting future generations of Canadian researchers. The Scholarship is broken down into two parts, and extends over a period of 3 years, with no possibility for renewal.

Funding Details:
- Part 1: Postdoctoral Salary Award – 1 year - $40,000
- Part 2: Operating Grant – 2 years - $120,000 ($60,000/year)

Additional Details
Internal HRS Deadline: April 13, 2018
Sponsor Deadline: April 27, 2018

Weston Brain Institute International Fellowships: Canada 2018
The Goal of the International Fellowships are to accelerate the careers of top Canadian PhD students by providing funding to conduct research in the labs of leading scientists. This will enable awardees to build international collaborations with world class labs, conduct influential neuroscience research on neurodegenerative diseases of aging, and bring enhanced research capabilities back to Canada. This fellowship will enrich the careers of awardees, preparing them to obtain more prestigious postdoctoral positions, and increasing their competitiveness for future positions as leaders in neuroscience in Canada.

Funding Details: Up to $60,000 per awardee per year (prorated as needed, at $5,000 per month for shorter travel durations)

Additional Details
Internal HRS Deadline: April 16, 2018
Sponsor Deadline: April 30, 2018

Scottish Rite Charitable Foundation (SRCF): Major Research Grants
SRCF Major Grants support biomedical research into intellectual impairment focused on the following:
- The causes and eventual cure of intellectual impairment, such as Dyslexia and Autism, especially as it affects children.
- The causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.
• Research into other forms of intellectual impairment may be considered.  
Note: The focus of the research should be on the causes and cure of the disease as opposed to the active treatment or palliative care.

**Funding Details:** The value of the grants is a maximum of $40,000 per year for a period of up to 3 years.

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**Additional Details**

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

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**Osteoporosis Canada: Canadian Multicentre Osteoporosis Study (CaMos) Fellowship Award**

The Osteoporosis Program provides training awards to support Canadian investigators conducting research that promises to yield new insights into the prevention and treatment of osteoporosis and improving the lives of individuals with this disease. Awards are offered to individuals through annual research competitions, which involves an extensive peer review process. A collaborative award, by the Canadian Multicentre Osteoporosis Study (CaMos) and Osteoporosis Canada. This program will fund a graduate student or postdoctoral fellow for one year in the amount of $20,000 and will provide that individual with an opportunity to engage in research training with investigators at CaMos. Awardees will gain new insight into the field of osteoporosis and will be presented with the basis for a career in clinical/epidemiological research related to osteoporosis. This program strives to improve the lives of individuals with osteoporosis while seeking optimal prevention and treatment of the disease. The application process will be administered by OC.

**Funding Details:** This program will fund a graduate student or postdoctoral fellow for one year in the amount of $20,000

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**MITACS Globalink Research Award**

Mitacs is accepting applications for competitive international research opportunities for student travel from Canada. They recommend that students apply by May 2018 for travel planned in Fall 2018.

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

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**Spencer Foundation: Small Research Grants**

In keeping with the Spencer Foundation’s mission, this program aims to fund academic work that will contribute to the improvement of education, broadly conceived. Historically, the work we have funded through these grants has spanned a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods. The following examples of recently funded small grants illustrate the diversity of what we support:

- an experimental study of how college students use visual representations in solving math problems
- a study exploring the process of racial and rural identity formation among African American high-school students who attend de facto segregated schools in the rural South
- a mixed-methods study focusing on the different types of knowledge novice and experienced teachers draw on in teaching for reading comprehension

**Funding Details:** The Small Research Grants program is intended to support education research projects with budgets of $50,000 or less.

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**Additional Details**

**Internal HRS Deadline:** April 17, 2018  
**Sponsor Deadline:** May 1, 2018
Spencer Foundation: The New Civics
The New Civics initiative area invites research proposals that ask critical questions about how education can more effectively contribute to the civic development of young people. As a start, we ask what experiences, environments, and contexts help young people, from all walks of life, develop the habits, skills, understandings, and dispositions that encourage informed participation in civic affairs. In so doing we seek to connect to a tradition of civic education inside schools, both to reassert its legitimacy as a primary aim of public schooling, and to reimagine what civic education might include. Yet civic development also occurs outside classrooms and schools, and we underscore our interest in research about civic action and learning in those contexts as well. Our ultimate aim is to contribute to educational improvement by supporting high-quality research studies that can lead to better-designed, more effective programs, policies, practices, and settings that prepare young people to act and to do so in informed and reasoned ways.

Funding Details: $50,000 or less.

Additional Details
Internal HRS Deadline: April 17, 2018
Sponsor Deadline: May 1, 2018

Christopher & Dana Reeve Foundation: Quality of Life Direct Effect Grants Program
The Christopher & Dana Reeve Foundation Quality of Life Grants Program reached a major milestone in 2016, surpassing $20 million in funding to nonprofit organizations all over the United States and in 37 countries. And, thus far in 2017, the Reeve Foundation awarded 122 grants in four different programs, totaling over $1.7 million. To ensure the continued growth of the program and to clarify the vision and mission of the Quality of Life grants program created by the late Dana Reeve, a retreat was held in April 2017, convening program staff, members of the Board of Directors, and an external professional facilitator. The Reeve Foundation Quality of Life grants will continue to support the broad range of projects and activities that we have in the past; we are just changing how we do it so that we can achieve maximum impact for all. Two types of grants will be offered: Direct Effect (Tier 1) and High Impact (Tiers 2, 3, and 4).

Funding Details: The Direct Effect (Tier 1) is open-focused and will award grants of up to $15,000 to support the wide range of projects and activities of the traditional Quality of Life grants. Grants will fund specific budget items that will clearly impact individuals living with paralysis and their families, and the project must be completed within 12 months.

Additional Details
LOI Deadline: April 11, 2018
Internal HRS Deadline: April 17, 2018
Sponsor Deadline: May 1, 2018

Hamilton Health Sciences (HHS) Clinical Health Professional Personnel Award (CHPA)
The Hamilton Health Sciences Clinical Health Professional Research Personnel Award is a one-time personnel stipend award. The award is to be used to help a suitably qualified non-physician health professional who has demonstrated an aptitude for research to pursue research in their discipline, by providing protected time through financial support for a portion of the applicant’s salary.

Funding Details: The value of the award will be up to $50,000

Additional Details
Sponsor Deadline: May 1, 2018

Bill & Melinda Gates Foundation, Global Grand Challenges: Explorations (Round 21)
The Bill & Melinda Gates Foundation has released 3 new Grand Challenges Explorations grant opportunities:

- Affordable, Accessible, And Appealing: The Next Generation of Nutrition (Round 21)
- Innovations in Immunization Data Management, Use, and Improved Process Efficiency (Round 21)
- Tools and Technologies for Broad-Scale Disease Surveillance of Crop Plants in Low-Income Countries (Round 21)

Please see additional details for more information.
Funding Details: Awards of $100,000 USD are made in Phase I. Phase I awardees have one opportunity to apply for a follow-on Phase II award of up to $1,000,000 USD.

Additional Details
Internal HRS Deadline: April 18, 2018
Sponsor Deadline: May 2, 2018

**Bill & Melinda Gates Foundation, Global Grand Challenges: Campylobacter spp. Transmission Dynamics in Low and Middle-Income Countries (LMIC)**

In this new grand challenge, the Bill & Melinda Gates Foundation solicits proposals to examine the transmission of Campylobacter spp. in communities. Proposals responsive to this call will generate data to understand the sources of Campylobacter infection in children in LMICs, and the dynamics of transmission in LMIC communities of interest. Analyses of these data are expected to address the question of whether a human vaccine for Campylobacter is a necessary and appropriate strategy in spite of the complexities associated with auto-immune responses to Campylobacter antigens. Alternatively, are an avian Campylobacter vaccine, sanitation and hygiene measures, or behavioral interventions that promote the segregation of young children from domestic birds and animals—alone or in combination—effective in preventing Campylobacter infections in children?

Funding Details: Research studies that propose appropriate costs for the study length, outcomes, and methods, and that propose strong value for money will be considered. Not to exceed 2 years.

Additional Details
Internal HRS Deadline: April 18, 2018
Sponsor Deadline: May 2, 2018

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

The Misk Foundation, the non-profit philanthropic foundation established by Saudi Arabia’s Crown Prince Mohammed bin Salman, and the Bill & Melinda Gates Foundation have partnered to launch Misk Grand Challenges. This initiative seeks to empower youth both with the skills that they need to succeed in the knowledge economy and with the passion required to tackle the world’s most challenging problems. Ultimately, the initiative hopes to nurture a new generation of leaders who will transform both local and global communities.

Funding Details: Awards total $100,000 USD each, provided over 2 years, with an opportunity to apply for follow-on funding.

Additional Details
Internal HRS Deadline: April 18, 2018
Sponsor Deadline: May 2, 2018

**Ontario Centres of Excellence Health Technologies Fund (HTF) 3rd Round**

The Health Technologies Fund (HTF) supports the development of made-in-Ontario health technologies by accelerating evaluation, procurement, adoption and diffusion in the Ontario health system. HTF is a program of the Government of Ontario’s Office of the Chief Health Innovation Strategist (OCHIS), administered by Ontario Centres of Excellence. OCHIS’ mandate is to strengthen Ontario’s health innovation ecosystem.

HTF fosters partnerships between publicly funded health service providers (HSPs), patients, academia and industry to drive collaboration that improves patient outcomes, optimizes the impact of investment in health innovation and scales health innovation companies.

Funding Details:
- **Pre-Market Evaluation** projects will support up to 50 per cent of the eligible project cash costs up to a maximum amount of $500,000 for a term of up to 24 months.
- **Early Adoption** projects will support up to 50 per cent of the eligible project cash costs up to a maximum amount of $1,000,000 for a term of up to 24 months.

Additional Details
Internal HRS Deadline: April 23, 2018
Sponsor Deadline: May 7, 2018
Alzheimer’s Association: GAIN Exploration to Evaluate Novel Alzheimer’s Queries (GEENA-Q)

The GEENA-Q program will support scientific investigation using the GAIN tools to generate creative insights into Alzheimer’s and dementia queries. Projects will be awarded $25,000 to launch and carry forward discovery-based research to address targeted questions. GEENA-Q aims to accelerate our knowledge of biological and/or clinical change across the continuum of disease. Applications to the GEENA-Q program will be accepted that utilize the GAIN platform to explore novel questions in Alzheimer’s and dementia research. Proposals should focus on correlations and investigations across multiple data sets, and utilize the GAIN Data Partners for the specific area of interest. Proposals should clearly outline the type of study, the rationale for the query, the plan to further advance the investigation.

**Funding Details:** $25,000 over 6-18 months

**Additional Details**

**LOI Deadline:** April 4, 2018
**Internal HRS Deadline:** April 27, 2018
**Sponsor Deadline:** May 11, 2018 (by invite only)

2019 Killam Research Fellowships Competition

The Killam Research Fellowships provide two years of release time from teaching and administrative duties to scholars of exceptional ability who are engaged in research projects of broad significance and widespread interest. The Killam Research Fellowships are awarded annually, on a competitive basis, to support scholars doing research in any of the following fields: humanities, social sciences, natural sciences, health sciences, engineering, or studies linking any of the disciplines within these fields. Fellowships are offered to applicants considered outstanding based on their qualifications, achievements, and experience in areas related to their proposed research project as well as the scholarly significance, originality, and appropriateness and clarity of their proposed research project.

**Funding Details:** $70,000 per year for 2 years

**Additional Details**

**Notify HRS of intent to Apply:** April 9, 2018
**Draft Application due to HRS:** April 24, 2018
**Final Application due to HRS:** May 8, 2018
**Sponsor Deadline:** May 15, 2018

Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program

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

**Funding Details:** up to $15,000 per grant, three grants available for a one-year term.

**Additional Details**

**Sponsor Deadline:** June 1, 2018

ALS Canada: ALS Canada Project Grant Program 2018

The 2018 Project Grant Program encompasses applications previously designated for Discovery, Bridge or Clinical Management Grant competitions. The purpose of the program is to invest in the best possible projects that are i) novel research approaches, supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, ii) part of an ongoing ALS research program, and aimed toward the vision of ALS Canada, which is “A future without ALS” or iii) research focused on avenues to maximize function, minimize disability and optimize quality of life through symptom management, and support to families and persons or families living with ALS. Examples include, but are not limited to, management of secretions and cramps, psychological...
interventions to address mental health issues, nutritional interventions, respiratory care, engineering applications to reduce physical limitations, and programs to address the needs of caregivers.

**Funding Details:** Up to $1,000,000 available (anticipated 8 x $125,000 grants for use over 1 or 2 years)

**Additional Details**

**Internal HRS Deadline:** May 25, 2018  
**Sponsor Deadline:** June 8, 2018

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**Cancer Research Society: UpCycle Drug Repurposing Grant**

The UpCycle Drug Repurposing Grants Competition is a new mean by which the Cancer Research Society aims at accelerating the discovery of treatments for cancer patients. Eligible projects should fall into one of the following categories:

- Screening of an FDA-approved compound library provided by the Cancer Research Society
- Computer-assisted or in silico screening followed by pharmacological validation of FDA-approved, off-patent, repurposed compounds
- In cellulo or in vivo validation of an FDA-approved, off-patent drug with demonstrated drug repurposing potential.

Research must be performed using proteins or cells of human origin unless a compelling case can be made for another organism. A scientific review committee will evaluate the letters of intent. A maximum of 10 research teams will be invited to submit a full application. Up to three grants will be offered. Criteria for selection are:

- Scientific merit of the project
- Proof of concept and demonstration of feasibility
- Originality of the research plan
- Potential impact on cancer patients

**Funding Details:** A maximum of $100,000 for a duration of 12-18 mos.

**Additional Details**

**LOI Deadline:** March 27, 2018  
**Internal HRS Deadline:** June 5, 2018  
**Sponsor Deadline:** June 19, 2018 (by invite only)

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**Canadian Blood Services (CBS) MSM Research Grant Program**

The objective of the MSM Research Program is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM) while maintaining the safety of the blood supply. As part of this initiative, Canadian Blood Services and HémaQuébec held a two-day meeting in January 2017 with national and international stakeholders to identify research priorities for closing knowledge gaps that impact donor eligibility for MSM. In addition, a research funding competition was held in 2017. Research priorities for this competition include:

- Research to evaluate the impact of alternative risk reduction technologies on donor screening.
- Research to evaluate operational feasibility of alternative donor deferral policies and their acceptability by Canadians.
- Risk modeling and surveillance to assess the risk associated with alternative donor selection policies.
- Research to inform the development of an individual risk assessment donor policy (behavioural based) or to strengthen the existing policy (population based)

**Funding Details:** The Program will support small (up to $50,000) and large (up to $300,000) research projects that are aligned with the objective of the program as stated above and address one or more of the research priorities listed below. For the 2018 competition, the total funding available is $850,000.

**Additional Details**

**LOI Deadline:** April 15, 2018  
**Internal HRS Deadline:** June 15, 2018  
**Sponsor Deadline:** June 30, 2018
**Crohn’s & Colitis Foundation: Grants**

The Crohn’s & Colitis Foundation has recently announced the following funding opportunities:

1) The Litwin IBD Pioneers Initiative, the objective:
   - to support innovative clinical and translational research projects with the potential to impact the treatment of inflammatory bowel disease (IBD) patients in the near future,
   - to encourage novel research into the diagnosis, identification of clinically relevant subsets, treatments, and cures for IBD,
   - to fund innovative pilot research for scientists to test their initial ideas and generate preliminary data.

2) Senior Research Awards, the objective: to provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources.

**Funding Details:**

- **Litwin IBD Pioneers Initiative**: maximum $130,000 (including 10% direct costs), maximum 2 years
- **Senior Research Awards**: maximum per year $115,830 (direct costs up to $105,300 per year; indirect costs 10% of direct costs, or up to $10,530), for 1–3 years

**Additional Details**

- **LOI Deadline**: May 1, 2018
- **Internal HRS Deadline**: June 15, 2018
- **Sponsor Deadline**: July 1, 2018

**European Commission Research Projects on Personalized Medicine – Smart Combination of Pre-clinical and Clinical Research with Data and ICT Solutions**

The aim of this Funding Opportunity is to fund projects showing clinical feasibility of Personalized Medicine in complex/multifactorial diseases as well as other diseases (as monogenic, rare diseases and cancer). Applicants are expected to combine pre-clinical and/or clinical research with bio-informatics components to enable data quality on one side and the potential applicability for health care providers on the other side. Proposals must be interdisciplinary and clearly demonstrate the potential impact in PM as well as the added value of transnational collaboration: sharing of resources (registries, diagnosis, biobanks, models, databases, diagnostic and bio-informatics tools, etc.), platforms/infrastructures, interoperability of data harmonization strategies and sharing of specific know-how.

**Funding Details:** The total amount of CIHR funds available for this Funding Opportunity is $4,087,500 CAD, enough to fund 9 grants. The maximum amount per grant is $150,000 per year for over a period of up to 3 years.

**Additional Details**

- **LOI Deadline**: April 10, 2018
- **Internal HRS Deadline**: June 21, 2018
- **Sponsor Deadline**: July 5, 2018

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

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

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

**Additional Details**

- **Internal HRS Deadline**: July 1, 2018
- **Sponsor Deadline**: July 15, 2018
Heart and Stroke Foundation Canadian Partnership for Stroke Recovery

CPSR was recently invited to submit a proposal for funding to the federal Network of Centres of Excellence (NCE) program. The full proposal will support CPSR’s activities in research, training, and knowledge translation. If successful, the proposal will result in a substantial increase in funding for stroke recovery activities in Canada over five years, beginning in 2019. The purpose of this call for Letters of Intent is to generate a suite of research projects that will be included in CPSR’s proposal being submitted to the NCE on July 19, 2018.

Funding Details: There are currently 4 categories for funding:

- **Personalized approaches to stroke rehabilitation and recovery** - $200,000 per year, per project with a target of 2-3 projects being funded per year.
- **Innovative new therapies and approaches** – up to $50,000 per year, per project with a target of 10 projects being funded per year.
- **Clinical trials to support the scale-up of novel approaches to stroke rehabilitation and recovery** – between $500,000 and $1M per year per project with a target of 1-2 projects being funded per year.
- **Implementation of new approaches** – up to $100,000 per year, per project with a target of 2-3 projects being funded per year.

Additional Details
LOI Deadline: April 16, 2018
Internal HRS Deadline: July 5, 2018
Sponsor Deadline: July 19, 2018

Organization for Autism Research (OAR): Applied Research Competition

OAR seeks to fund studies that expand the body of knowledge related to autism intervention and treatment, produce practical and clearly objective results, have the potential to impact public policy, and provide outcomes that offer to enhance quality of life for persons with autism and their families. While applicants are always free to submit on any relevant area of research or intervention, this year, OAR is placing an emphasis on research that addresses the following targeted areas: healthcare transition, generalization of technology-based intervention, community-based intervention, residential services and supports, literacy, and sexuality education. While there is no guarantee of funding, studies that address these topics will receive additional scoring credit during the review process.

Funding Details: Researchers can apply for 1-2-year grants of up to $30,000

Additional Details
LOI Deadline: March 26, 2018
Internal HRS Deadline: July 23, 2018
Sponsor Deadline (By invite only): August 6, 2018

MRIS Early Researcher Awards Round 14

The Ontario Ministry of Research, Innovation and Science (MRIS) has issued the call for proposals for Round 14 of the Early Researcher Awards (ERA) competition. The ERA program helps promising, recently-appointed Ontario researchers build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians. The ERA program encourages applications from all disciplines. Proposals will be evaluated on the excellence of the researcher (40%), the quality of the research (30%), the development of research talent (20%), and the strategic value for Ontario (10%).

Matching funds are required for this program. Also, to be competitive, applicants must have a strong history of peer-reviewed funding, and must be able to demonstrate academic independence from previous supervisors and the benefits of their proposed research to Ontario. Therefore, it is advised that you meet with your Department Chair and Associate Dean Research to review your CV and secure matching funds.

Funding Details: Each award is a maximum of $100,000 over five years. These funds may be used for salaries, benefits and research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians. In addition, up to $40,000 will be provided by the Ministry to the institution for indirect costs. The award of $100,000 for direct costs must be matched by an additional $50,000 in cash from the researcher’s institution and/or a private or public sector partner.
Additional Details
NOI Due to HRS: May 29, 2018
NOI Due to MRIS: June 1, 2018
Internal HRS Deadline: July 25, 2018
Sponsor Deadline: August 7, 2018
*To apply, contact, Sarah McNiven-Scott, Senior Grants Advisor, Major Projects, HRS, at mcnivesb@mcmaster.ca or ext. 22871 no later than April 9, 2018*

**Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s & Related Diseases**
The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting high-risk, high-reward translational projects, while leveraging world-class business and scientific expertise in a fast and flexible granting process. Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. Diseases such as Alzheimer’s and Parkinson’s are placing a large and increasing burden on society. If ignored, the social and economic costs to manage these diseases will rise significantly within a generation. Meeting this challenge requires pioneering approaches to accelerating treatments. The Rapid Response: Canada program was created to provide seed funding to catalyze novel, high-risk, high-reward, translational research.

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

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Additional Details

**Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s & Related Diseases**
The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting high-risk, high-reward translational projects, while leveraging world-class business and scientific expertise in a fast and flexible granting process. Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. Diseases such as Alzheimer’s and Parkinson’s are placing a large and increasing burden on society. If ignored, the social and economic costs to manage these diseases will rise significantly within a generation. Meeting this challenge requires pioneering approaches to accelerating treatments. The Rapid Response: Canada program was created to provide seed funding to catalyze novel, high-risk, high-reward, translational research.

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

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Networks of Centres of Excellence of Canada Knowledge Mobilization (NCE-KM) Initiative Competition
The NCE-KM initiative funds networks dedicated to transferring knowledge to those who can put it into practice. It supports collaborations between knowledge producers and knowledge users from various disciplines, sectors and institutions, including industry, government, not-for-profit organizations and various sources and types of knowledge for the social, economic, technological, and/or wellness benefit of Canada and the Canadian population. Networks focus on addressing key problems, challenges and opportunities of high strategic importance to Canada.

NCE-KM networks are expected to create social and/or economic benefits through the application of evidence-based knowledge generated from research in combination with other sources and types of knowledge. The program supports networks pursuing knowledge translation along the entire spectrum: from the range of activities encompassed in knowledge mobilization (creation of activities and tools designed to put knowledge into active service, often through the establishment of new or modification of existing policies, processes and standards) to those encompassed in commercialization (the transformation of knowledge or technology into marketable goods, processes or services).

**Funding Details:** The total budget for this competition is currently set at $4.8M over 4 years ($1.2M/year). Successful networks will be awarded up to $400,000 per year for four years with a possible three-year renewal.

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Canadian Cancer Society (CCS) Impact Grants
The Impact Grant program is intended to contribute to the scientific idea ‘pipeline’ by supporting significant progression in cancer research programs that are anywhere in the continuum from basic high impact discovery to translational work of direct relevance to the clinic and beyond. Impact Grants will accelerate and focus the knowledge gained from scientific findings, in the short or long term, into outcomes that will significantly advance understanding of cancer and improve scientific knowledge, which will result in optimized patient care, improved cancer treatment or reduced cancer burden. Impact Grants are to provide funding to support ideas
that promote major advancements in research programs, whether at the fundamental discovery stage (such as studies involving model organisms that demonstrate potential for impact) through to applied research (such as patient or population-based proposals). In addition to biomedical research, applications from prevention, health services, social and population health researchers are encouraged. Note that these grants are not intended to support incremental scientific advances and should not be considered a “regular” research grant and are not intended to solely support research infrastructure.

**Funding Details:** Budgets awarded will not exceed $250,000 per year, to a maximum of $1,250,000 per grant. The grant term is up to 5 years.

**Additional Details**

**LOI Deadline:** April 10, 2018
**Internal HRS Deadline:** August 30, 2018
**Sponsor Deadline:** September 13, 2018

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**Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 12**

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

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

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

**Additional Details**

**Internal HRS Deadline:** April 5, 2018
**Draft EOI due to Ontario Genomics:** April 19, 2018
**Face-to-face pitch to Ontario Genomics’ review Panel:** May 14-16, 2018
**Final EOI due to Ontario Genomics:** June 11, 2018
**Pitch to Genome Canada:** July 14 – August 3, 2018
**Draft Supplementary Proposal due to Ontario Genomics:** August 20, 2018
**Sponsor Deadline:** October 1, 2018

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

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**MITACS Accelerate Fellowship**

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

**Funding Details:**

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

**Additional Details**

**Sponsor Deadline:** Ongoing
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

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 $80,000, including indirect costs, for one year, non-renewable.

**Additional Details**

**Sponsor Deadline**: Ongoing

OCE Voucher for Innovation and Productivity (VIP I) Program

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

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

**Additional Details**

**Sponsor Deadline**: Ongoing

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

OCE Voucher for Innovation and Productivity II (VIP II) Program

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

**Funding Details**: The VIP II program supports collaborations between companies and publicly-funded post-secondary institutions for durations of 12 and 24 months to a maximum of $150,000
TalentEdge Internship Program (TIP)
Ontario’s TalentEdge Internship Program (TIP) provides support for current college and university students (specifically current graduate students and final year undergraduate students), and recent Masters graduates (within three years of graduation), to work on industry-driven research and development projects. Projects must have a clearly-defined R&D component, where R&D is defined by the discipline and is inclusive of all areas of specialization and disciplines. The TalentEdge Internship Program is open to students and recent graduates from across all disciplines, and all areas of specialization.

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

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

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

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

Funding Details: Funding starts at $15,000

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

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

- Natural Sciences and Engineering Research Council of Canada (NSERC), NSERC Workshop: Transitioning from an NSERC Engage Grant to an NSERC Collaborative Research and Development Grant – March 20, 2018
- Cancer Research Society: UpCycle Drug Repurposing Grants Competition – Letter of Intent deadline March 27, 2018
- Dairy Farmers of Canada, Dairy nutrition: Research Funding – Letter of Intent deadline April 3, 2018
- Alzheimer’s Association: GAAIN Exploration to Evaluate Novel Alzheimer’s Queries (GEENA-Q) – Letter of Intent deadline April 4, 2018
- Genome Canada: Large Scale Applied Research Project Competition – Information Session April 5, 2018
- Government of Canada, Department of National Defence and the Canadian Armed Forces, Defence Engagement Program: Targeted Engagement Grant – Application deadline April 6, 2018
- Ontario Ministry of Research, Innovation and Science: Early Researcher Awards Round 14 – Notify Department Chair, Associate Dean Research and ROADS of Intent to Apply by April 9, 2018; Notice of Intent deadline June 1, 2018
- Government of Canada, Canadian Space Agency: Investigating Spaceflight Health Risks on the International Space Station (Life Science Research System, Announcement of opportunity, LSRS AO 2018) – Webinar April 12, 2018; Application deadline April 26, 2018
- Spencer (Spencer Foundation): Small Research Grants and The New Civics – Application deadline May 1, 2018

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

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

• Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations (Round 21) – Application deadline May 2, 2018

• Bill & Melinda Gates Foundation, Global Grand Challenges: Campylobacter spp. Transmission Dynamics in Low- and Middle-Income Countries – Letter of Inquiry deadline May 2, 2018

• Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges – Application deadline May 2, 2018

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

Previously announced:

• Government of Canada, Networks of Centres of Excellence of Canada: Networks of Centres of Excellence Knowledge Mobilization (NCE-KM) Initiative – Notify ROADS of Intent to Apply by February 23, 2018; NCE Letter of Intent deadline April 16, 2018

• Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE) – Webinar Slides; Notify Department Chair, Associate Dean Research, as well as ROADS of Intent to Apply by February 26, 2018; NSERC Letter of Intent deadline May 1, 2018

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

• McMaster University, ROADS: SSHRC Exchange – Spring 2018 Conference Attendance & Representational Activities Grants (formerly the Arts Research Board Spring Conference Attendance & Representational Activities Grants) – Application deadline EXTENDED April 2, 2018

• McMaster University, MacPherson Institute: Research Grants and Young Innovator Award – Application deadlines April 2, 13, 2018

• Diabetes Canada: New Investigator Award and Diabetes Investigator Award – Application deadline April 2, 2018

• U.S. Agency for International Development, the UK Department for International Development (DFID), and Grand Challenges Canada (Government of Canada, Global Affairs Canada), Creating Hope in Conflict: A Humanitarian Grand Challenge – Registration deadline April 9, 2018; Letter of Intent deadline April 12, 2018

• Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities: 1) Capacity Building Stream – Registration as soon as possible, Preliminary Proposal deadline April 10, 2018; 2) BioHeat, Demonstration & Deployment Program Streams – Registration as soon as possible, Application deadline May 17, 2018
- Canadian Cancer Society Research Institute: Impact Grants – Letter of Intent deadline April 10, 2018

- Christopher & Dana Reeve Foundation: Quality of Life Grants Program - Direct Effect Letter of Intent deadline April 11, 2018, Application deadline May 1, 2018

- Canadian Frailty Network, the Canadian Foundation for Healthcare Improvement, the Canadian Institutes of Health Research – Institute for Aging: FRAILTY MATTERS Innovation Showcase, September 20, 2018 – National Conference - innovation submission deadline April 12, 2018

- Canadian Blood Services: MSM Research Grant Program: Registration deadline April 15, 2018; Application deadline June 30, 2018

- Azrieli Foundation and Brain Canada: Early-Career Capacity Building Grants – Application deadline April 17, 2018

- Canada-European Commission: Request for Applications, European Commission International Flagship Collaboration with Canada for human data storage, integration and sharing to enable personalized medicine approaches – Application deadline April 18, 2018

- Weston Brain Institute, Rapid Response: Canada 2018 - Alzheimer’s & Related Diseases – Letter of Intent deadline April 19, 2018

- SickKids Foundation, National Grants: New Investigator Research Grants – Application deadline April 20, 2018

- Brain Tumour Foundation of Canada: 2018 Brain Tumour Research Grant – Application deadline April 27, 2018

- Scottish Rite Charitable Foundation: Major Research Grants – Application deadline April 30, 2018

- Mitacs: Globalink Research Award – apply by May 2018

- Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition – Application deadline May 1, 2018

- Crohn’s & Colitis Foundation: Grants – Letter of Intent deadline May 1, 2018

- CANARIE: Canadian Research Software Conference – May 29 – 30, 2018

- ALS Canada: ALS Canada Project Grant Program 2018 – Application deadline June 8, 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.

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**Natural Sciences and Engineering Research Council of Canada (NSERC), NSERC Workshop: Transitioning from an NSERC Engage Grant to an NSERC Collaborative Research and Development (CRD) Grant**

NSERC is hosting a special workshop aimed specifically at assisting Engage Grant researchers and industry partners to successfully transition toward a longer-term project using NSERC CRD support.

The workshop will prepare Engage researchers to 1) strategically plan their next steps to capitalize on the momentum and trust already established with private-sector partners, 2) negotiate long-term commitments, 3) discuss partner project costs (i.e., NSERC/industrial partner contributions; cash and in-kind).


**March 20, 2018** at 10:00am - 12:00pm  
Burke Science Building, Room # B138  
Register by contacting: Ryan Vieira, Research Contracts Advisor (Science and Engineering), McMaster Industry Liaison Office, at vieira@mcmaster.ca or extension 22649

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The objective of the *Proof-of-Principle* program is to support high-impact projects that seek to develop novel microbiome-based therapies.

Eligible projects will:

1) establish an innovative line of translational research and provide proof-of-principle evidence in support of new therapeutic or health applications of the microbiome (i.e., intervention or preventative strategies);

2) catalyze longer-term bench-to-bedside initiatives that seek to move discoveries through to clinical application;
3) focus on modulation of the microbiome to improve health by one of the following two paths: a) Prebiotic approaches, b) Probiotic or Postbiotic strategies.


Value:
maximum $150,000 per project over 12-18 months

Application process:
The W. Garfield Weston Foundation letter of intent deadline is March 21, 2018.

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

Cancer Research Society: UpCycle Drug Repurposing Grants Competition

The objective of the UpCycle Drug Repurposing Grant is to accelerate the discovery of treatments for cancer patients.

Eligible projects should fall into one of the following categories:

1) screening of an approved compound (the selected library is the Pharmakon Collection from MSDiscovery at http://www.msdiscovery.com/pharmakon.html);

2) computer-assisted or in silico screening followed by pharmacological validation of FDA-approved, off-patent, repurposed compounds;

3) in cellulo or in vivo validation of an FDA-approved, off-patent drug with demonstrated drug repurposing potential.

The research must be performed using proteins or cells of human origin, unless a compelling case can be made for another organism.

https://www.societederecherchesurlecancer.ca/en/researchers/upcycle-drug-repurposing-grant

Value:
maximum $100,000 over 12 – 18 months

Application process:
The Cancer Research Society letter of intent deadline is March 27, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Dairy Farmers of Canada, Dairy nutrition: Research Funding

The Dairy Farmers of Canada (DFC) funds research to respond to 1) research gaps related to the role of dairy products in nutrition, health and sustainability, and 2) applications that have nutritional and health implications for Canadian dairy products, and are relevant to Canadian dairy farmers.

Research proposals which feature milk products in their entirety, demonstrate technological innovation and utilize a multidisciplinary approach to address fundamental and applied research questions, are of interest. Applied human randomized, controlled trials and mechanistic studies in humans are of particular interest.

The current research priorities and areas of interest are as follows:

1) the role of dairy products, especially full-fat and specific dairy food matrices (milk, yogurt and cheese) on cardiometabolic health and healthy aging;
2) the role of sugar-sweetened milk and yogurt on diet quality and cardiometabolic health;
3) the role of dairy products, particularly milk, in musculoskeletal health;
4) the role of dairy products in a healthy sustainable diet (including plant-based diets).

[Link to Dairy Nutrition Funding](https://www.dairynutrition.ca/research-funding)

**Value:**
$50,000 per year for a maximum 2 years

**Application process:**
The Dairy Farmers of Canada letter of intent deadline is **April 3, 2018**.

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

Alzheimer’s Association: GAAIN Exploration to Evaluate Novel Alzheimer’s Queries (GEENA-Q)

The Global Alzheimer's Association Interactive Network (GAAIN) is a large data platform for cohort discovery and data exploration focused on Alzheimer's disease and dementia.

review GAAIN at [http://www.gaain.org/](http://www.gaain.org/)

The objective of the **GEENA-Q** program is to 1) support scientific investigation using the GAAIN tools to generate creative insights into Alzheimer's and dementia queries, and 2) to accelerate our knowledge of biological and/or clinical change across the continuum of disease.

All proposals should focus on correlations and investigations across multiple data sets and utilize the GAAIN Data Partners for the specific area of interest.

Value:
$25,000 over 6 – 18 months

Application process:
The Alzheimer’s Association letter of intent deadline is **April 4, 2018**.

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

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**Genome Canada: Large Scale Applied Research Project (LSARP) Competition – Information Session**

Genome Canada will be launching their next *LSARP* competition, shortly.

Based on past LSARP competitions, projects will likely need to be large scale applied scientific or *GE³LS* (i.e., genomics and its ethical, environmental, economic, legal and social aspects) projects, that focus on using genomic approaches within the agriculture, agri-food and fisheries/aquaculture sectors, and 1) include end users as part of the project teams, 2) be multi-disciplinary (science and social science/humanities), and 3) have a total 4-year budget between $2 million-$10 million.

Co-funding will be required and project deliverables will need to lead to social and/or economic benefits to Canada.

The anticipated launch is June 2018. While the competition parameters are still being finalized, ROADS would like to alert potential applicants to begin project preparation and networking.

ROADS is hosting an information session with Caitlin Taylor, Senior Manager, Research and Business Development at Ontario Genomics.

**LSARP Information Session**

**April 5, 2018**
1:30 - 3:00pm
Michael DeGroote Centre for Learning and Discovery, room 2232

Researchers will learn how to work with partners and Ontario Genomics to position a research project for success, from the application stage to implementation. Caitlin will be available after the information session to meet with individual researchers or groups, who wish to discuss their projects and ask questions.

Register at: [https://www.eventbrite.ca/e/genome-canada-information-session-registration-44040851372](https://www.eventbrite.ca/e/genome-canada-information-session-registration-44040851372)

Specific program information and guidelines will be sent to researchers once this program is launched.
Government of Canada, Department of National Defence and the Canadian Armed Forces, Defence Engagement Program: Targeted Engagement Grant

The Department of National Defence is currently in the process of implementing its new Defence Policy, *Strong, Secure, Engaged*. The new policy calls upon the Department to bolster its academic and expert outreach to ensure decision-makers within the Defence Team fully benefit from the advice of the expert community in Canada.

The *Defence Engagement Program* will conduct a trial to help assess ways to channel the expert community’s knowledge into the Department through collaborative networks and the *Targeted Engagement Grant*. The construct must be able to bring together multidisciplinary teams from different parts of the country – and abroad – to work on security and defence challenges identified by the Department. The trial network must focus its efforts in supporting a departmental policy priority as identified at *Defence Team Engagement Priorities*, at http://www.forces.gc.ca/en/training-paid-education/priorities.page.


**Value:**
$100,000 over 1 year
This level of funding is for the trial only. Funding levels will change once a network model has been chosen and implemented.

**Application process:**
The Department of National Defence application deadline is **April 6, 2018**. A second round of grants will be launched Fall 2018 with funds to be awarded by the end of December.

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

Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards Round 14

The objective of the *Early Researcher Award* (ERA) is to assist promising, recently-appointed Ontario researchers to build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

The ERA program is open on a competitive basis to researchers who are full-time faculty or principal investigators who, at the application deadline, are based at an eligible institution. To be eligible for the Round 14 competition, applicants must have 1) started their first independent academic appointment on or after July 1, 2013, and 2) obtained their first PhD/MD/DVM or terminal degree on or after July 1, 2008. review Eligibility at https://www.ontario.ca/page/early-researcher-awards#section-1

The ERA program encourages applications from all disciplines. All applications will be evaluated on the excellence of the researcher, the quality of the research, the development of research talent, and the strategic value for Ontario.
https://www.ontario.ca/page/early-researcher-awards

Value:
maximum $100,000 (for direct costs) over 5 years; in addition, maximum $40,000 (for indirect costs)
The funds may be used for salaries, benefits, research-related travel and expenses for undergraduates, graduate
students, post-doctoral fellows, research assistants, associates and technicians.

The award of $100,000 must be matched by an additional $50,000 in cash from the researcher’s institution
and/or a private or public sector partner.

Eligible sources of matching funds include:

- cash contributions from your Department or Faculty;
- university scholarships to undergraduates, graduate students and post-doctoral fellows;
- private sector cash contributions;
- public sector cash contributions that are not among the list of ineligible sources of matching funds.
review Ineligible partner contributions at https://www.ontario.ca/page/early-researcher-awards-program-
guidelines#section-4

Application process:
Notify your Department Chair, Associate Dean Research, and ROADS of intent to apply by April 9, 2018.
The draft Notice of Intent (NOI) and signed matching funds letter are due to ROADS by May 29, 2018.
The MRIS notice of intent deadline is June 1, 2018.

ROADS contact:
Pamela McIntyre, Assistant Director, Development at mcintyp@mcmaster.ca or extension 23713

Government of Canada, Canadian Space Agency: Investigating Spaceflight Health Risks
on the International Space Station (ISS) (Life Science Research System, Announcement of
opportunity, LSRS AO 2018)

The objective of this funding opportunity is to 1) support researchers who will design and implement scientific
protocols to investigate health risks associated with space travel, and 2) maximize the use of Bio-A and Bio-M
systems for in situ data collection to:

- contribute to the understanding, mitigation or elimination of health risks associated with human space flight;
- contribute to a better understanding of similar health issues or applications on Earth;
- propose innovative space life science studies to be conducted on the ISS including those that may use
  astronauts as subjects;
- minimize requirements for transport of materials to and from the ISS;
- foster training of highly qualified personnel in space health and life sciences.


Webinar
April 12, 2018 at 4:00pm (EST)
Value:
maximum $750,000 for new Canadian projects; $500,000 for Canadian participation in an international project; maximum 5 years

Application process:
The Canadian Space Agency application deadline is April 26, 2018.

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

Spencer (Spencer Foundation): Small Research Grants and The New Civics

Spencer has announced two funding opportunities:

1) Small Research Grants, the objective: to support academic work that will contribute to the improvement of education, broadly conceived.
Areas of Inquiry: The Relation between Education and Social Opportunity; Teaching, Learning and Instructional Resources; Organizational Learning in Schools, School Systems and Higher Education Systems; Purposes and Values of Education; Field-Initiated.
http://www.spencer.org/small-research-grants-program-statement

2) The New Civics, the objective: to support proposals that ask critical questions, specifically, how education can more effectively contribute to the civic development of young people. The New Civics has supported projects that 1) deepen the understanding of educational and other influences on civic action, 2) attend to social inequalities in civic education, and 3) show potential to shape future research and practice in these fields.
http://www.spencer.org/new-civics-program-statement

Value:
Small Research Grants and The New Civics: $50,000 or less

Application process:
The Spencer application deadline is May 1, 2018.

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

Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations (Round 21)

The Bill & Melinda Gates Foundation is inviting proposals for the next round of Grand Challenges Explorations for the following three challenges:

1) Affordable, Accessible, and Appealing: The Next Generation of Nutrition, the objective: to advance
innovative technologies to enhance the availability and accessibility of affordable, nutritious foods for low-income consumers (working within the key constraint that these innovations must be relevant to market-based food systems in low and middle-income countries). The target population is young women, mothers and children from 6-23 months of age.


2) **Innovations in Immunization Data Management, Use, and Improved Process Efficiency**, the objective: to promote the effective use of timely and relevant data to drive programmatic performance (i.e., to increase the number of children vaccinated globally).

Focus:

- Innovative ideas for improving the measurement approaches for immunization data (e.g., process, equity, coverage indicators) with a focus on data use by program managers, triangulation across data sources, and methods to measure and quantify data use.

- Novel approaches for improving process efficiency that will lead to improved quality of service delivery.


3) **Tools and Technologies for Broad-Scale Disease Surveillance of Crop Plants in Low-Income Countries**, the focus: All proposals must:

- offer an innovative and transformative solution for surveillance and early detection of crop pests and diseases;

- offer potential for dramatic cost reductions or increases in efficiency or precision compared to current strategies;

- be amenable to integration into a national or regional pest and disease surveillance and response system for crop plants;

- have potential applicability to at least two of the following crops: maize, wheat, rice, millet, sorghum, cassava, sweet potatoes, yams, bananas, beans, cowpeas, chickpeas, and groundnuts;

- convey a clear potential for achieving broad geographic scale.


https://gcgh.grandchallenges.org/grant-opportunities?f%5B0%5D=field_initiative%3A37073

**Value:**

maximum $100,000 USD for initial grants; successful projects are eligible to receive maximum $1 million USD for follow-on funding

**Application process:**

The Bill & Melinda Gates Foundation application deadline is **May 2, 2018**.

**ROADS contact:**

Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitr@mcmaster.ca or extension 21548
Bill & Melinda Gates Foundation, Global Grand Challenges: Campylobacter spp. Transmission Dynamics in Low- and Middle-Income Countries (LMIC)

The objective of this funding opportunity is to solicit proposals to examine the transmission of Campylobacter spp. in communities.

Proposals must generate data to understand the sources of Campylobacter infection in children in LMICs, and the dynamics of transmission in LMIC communities of interest. Countries in South Asia and Sub-Saharan Africa with high rates of childhood under-nutrition, are of specific interest.

Analyses of the data are expected to address the question of whether a human vaccine for Campylobacter is a necessary and appropriate strategy, in spite of the complexities associated with auto-immune responses to Campylobacter antigens.


Value:
Applicants submit a budget. Research studies must not exceed 2 years.

Application process:
The Bill & Melinda Gates Foundation letter of inquiry deadline is May 2, 2018.

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

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

The Misk Foundation, Misk Grand Challenges, have officially been announced:

1) Activating Global Citizenship: Building the Next Generation of Global Citizens for the Global Goals, the objective: testing and implementing concepts and strategies to engage young people in efforts that will reduce inequality related to the first six Global Goals:

   - Goal 1: No poverty
   - Goal 2: Zero hunger
   - Goal 3: Good health and well-being
   - Goal 4: Quality education
   - Goal 5: Gender equality
   - Goal 6: Clean water and sanitation

Investigators are invited to propose innovative and creative solutions that uses new knowledge to positively engage young people in one or more goals, in both scale and depth.
2) Reinventing Teaching and School Leadership: Preparing the Youth with the 21st Century Skills Needed for a Knowledge Economy, the focus: new, innovative ideas that cover one or more of the following areas that impact teaching and/or school leadership:

- Reinventing the recruitment process
- Transforming training and professional development
- Improving resources that support high-quality learning
- New forms of management
- Any other area that drastically improves the performance of teachers and school leaders in line with the new competency-based curriculum of the future.


https://grandchallenges.org/grant-opportunities

Value:
maximum $100,000 USD over 12-18 months

Application process:
The Misk Foundation application deadline is May 2, 2018.

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

John Templeton Foundation: Grants

The objective of the John Templeton Foundation is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the Big Questions.

Core Funding Areas:

- Science & The Big Questions
- Exceptional Cognitive Talent & Genius
- Genetics
- Voluntary Family Planning;
- Character Development
- Individual Freedom & Free Markets
review Funding Areas at https://www.templeton.org/funding-areas

The Foundation has announced two grant types: Small; Large

Value:
**Small Grants**: requests for $234,800 USD, or less
**Large Grants**: requests for more than $234,800 USD

Application process:
The John Templeton Foundation online funding inquiry deadline is August 31, 2018.
Government of Canada, Networks of Centres of Excellence of Canada: Networks of Centres of Excellence Knowledge Mobilization (NCE-KM) Initiative

The objective of the **NCE-KM Initiative** is to support 1) collaborations between knowledge producers and knowledge users from various disciplines, sectors and institutions including industry, government, not-for-profit organizations, 2) various sources and types of knowledge for the social, economic, technological and/or wellness benefit of the Canadian population, 3) networks that focus on addressing key problems, challenges and opportunities of high strategic importance to Canada.

Support is available for networks pursuing knowledge translation along the entire spectrum: from the range of activities encompassed in knowledge mobilization (e.g., creation of activities and tools designed to place knowledge into active service, often through the establishment of new or modification of existing policies, processes and standards) to those encompassed in commercialization (e.g., the transformation of knowledge or technology into marketable goods, processes or services).

The NCE-KM funds may not be used for research-related expenses.  

**Value:**  
The total competition budget is currently set at $4.8 million over 4 years ($1.2 million/year).

Successful networks will be awarded up to $400,000 per year for 4 years with a possible 3 year renewal for networking costs, network administration, etc.

**Application process:**  
All proposals require commitments from the University, as well as private- and/or public-sector partners. Letters of Intent (LOIs) from McMaster researchers require Faculty and University endorsement. Once ROADS has received approval from the Associate Dean Research, a Senior Advisor will be assigned to assist with the development of the proposal.

Notify ROADS and your Associate Dean Research of your intent to apply by **February 23, 2018.** Draft LOIs are due to ROADS for review by **March 26, 2018.** The LOIs must be received by the NCE Secretariat by **April 16, 2018.**

Only LOIs selected by the NCE Selection Committee will be invited to submit a full application by September 4, 2018.

**ROADS contact:**  
Pamela McIntyre, Assistant Director, Development, at mcintyp@mcmaster.ca or extension 23713
Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE)

Access the NSERC CREATE webinar slides: http://nsercofcanada.adobeconnect.com/p1v1842ki7nq/?OWASP_CSRFTOKEN=4bb1084b3b9b7c2d4a20cc8abc8a23571ac48ce11e9274a71fa58b2671b257d

The objective of the CREATE program is to support the training of teams of highly qualified students and postdoctoral fellows from Canada, and abroad, through the development of innovative training programs that 1) encourage collaborative and integrative approaches, 2) address significant scientific challenges associated with Canada’s research priorities, and 3) facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

The training programs should encourage the following, as appropriate:

a) student mobility nationally or internationally between individual universities, and between universities and other sectors;
b) interdisciplinary research within the natural sciences and engineering (NSE), or at the interface between the NSE and health, or the social sciences and humanities (the main focus of the training must still lie within the NSE);
c) increased collaboration between industry and academia;
d) improve job-readiness within the industrial sector (i.e., exposing participants to the specific challenges of the sector and training people with the skills identified by industry).

Each training initiative must 1) focus on providing a value-added experience to the university training environment, 2) prepare research trainees for their future careers in industry, government, or academia.

NSERC priority areas:
  . Environmental science and technologies
  . Natural resources and energy
  . Manufacturing
  . Information and communications technologies
  . other (applicants may submit training programs that do not fall under any of the priority areas listed above).

The CREATE program offers three opportunities within its current budget envelope:

1) **Regular Stream**: involves a variety of collaborations; academic/government/industry/NGO, Canadian/international.

2) **Industrial Stream**: links industry and academia to increase the supply of highly qualified personnel who are “employer-ready” and can generate immediate results after graduation.

3) **International Collaboration**, The German Research Foundation: supports a bilateral training program that involves an exchange of students between Germany and Canada. (review For the International Collaboration Deutsche Forschungsgemeinschaft (DFG) at http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp)

Value:
maximum $1.65 million over 6 years
Applicants may request a minimum of $100,000 to a maximum of $200,000 in Year 1, and a minimum of $250,000 to a maximum of $350,000 in years 2 to 6.

Application process:
Since institutional commitments may be involved, Faculty endorsement is required for all applications on which McMaster researchers are identified as applicants or co-applicants.

Notify your intent to apply to your Department Chair, your Associate Dean Research, as well as ROADS, by February 26, 2018.

The Letter of Intent (LOI) is due to ROADS by March 19, 2018.

NSERC has limited the number of LOIs that may be submitted by McMaster to six. The LOIs submitted by March 19, 2018 will undergo an internal review process using NSERC’s selection criteria. Only those selected by McMaster’s internal selection committee will be forwarded to NSERC by May 1, 2018. Only LOIs selected by NSERC’s CREATE multidisciplinary committee will be invited to submit a full application for September 22, 2018.

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

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

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

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

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

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

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


Value:

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

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

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

**Application process:**

Notify ROADS of Intent to Apply by **March 13, 2018**. The initial draft of the application and letters of support are due to ROADS by **April 10, 2018**. The final draft, and a completed and signed Application Approval Form are due to ROADS by **April 24, 2018**. The SSHRC application deadline is **May 1, 2018**.

**ROADS contact:**

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

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**McMaster University, ROADS: (Social Sciences and Humanities Research Council of Canada) SSHRC Exchange – Spring 2018 Conference Attendance & Representational Activities Grants** (formerly the Arts Research Board, Spring Conference Attendance & Representational Activities Grants)

The objective of the **SSHRC Exchange - Conference Attendance & Representational Activities Grant** is to support 1) the applicant’s participation in national and international conferences of major scholarly significance, 2) the representational activities for scholars who hold executive office in scholarly organizations, 3) the advancement and dissemination of knowledge in the Humanities, Social Sciences, and Business, 4) the enhancement of the stature of the participant and the University.

Presenting a major exhibition of work at a national or international conference will also be supported, however, funding will be at the discretion of the Faculty Conference Sub-Committee.

Conference funding cannot be granted for only conference attendance.
Priority will be given to applicants requesting support for the presentation of a peer-adjudicated submission at a major, learned conference.

https://roads.mcmaster.ca/funding/arb/conf and https://roads.mcmaster.ca/forms

**Value:**
maximum $4,000
Researchers who submit multiple applications to the same competition, or who submit an application to more than one competition within two fiscal years (April 1 to March 31), will be awarded the maximum over a 2 year period.

**Application process:**
Applications must be received by **April 2, 2018** by 4:30pm. (extended deadline)

**Contact:**
Applications must be sent to Muriel Gervais, Research Administration Analyst. gervaism@mcmaster.ca, extension 21756

**McMaster University, MacPherson Institute: Research Grants and Young Innovator Award**

The MacPherson Institute has recently announced the following **Research Grants** and the **Young Innovator Award**:

**Research Grants**

1) **Priority Areas for Learning and Teaching Research (PALAT) Grant**, the objective: to support six stated priority areas:

   - Community-engaged education;
   - Interdisciplinary teaching and learning;
   - Social justice, inclusion, and critical pedagogy;
   - Student engagement, retention, and success;
   - Technology-enhanced education;
   - Undergraduate research and inquiry.

2) **Teaching and Learning Grants**, the objective: to improve the quality of students’ learning; to encourage scholarly investigation, development or implementation of a project that enhances McMaster students’ educational experience.

   https://mi.mcmaster.ca/research/#grants

3) **Petro Canada - McMaster University Young Innovator Award**, the objective: 1) to recognize the research achievements of an innovative scholar within the first eight years of his or her research career, 2) to provide funding support to the scholar to enable the active participation of undergraduates in the research endeavour.

   https://mi.mcmaster.ca/petro-canada-award/
**PALAT**: maximum $4,000 for 1 year

**Teaching and Learning**: maximum $2,000 for 1 year

**Petro Canada - McMaster University Young Innovator**: maximum $25,000 for 1 year

**Application process**: The MacPherson Institute application deadline for the **PALAT Research Grant** and the **Teaching and Learning Research Grants** is **April 2, 2018**.

The application deadline for the **Petro Canada - McMaster University Young Innovator Award** is **April 13, 2018**.

**Contact**:
for **PALAT** and **Teaching and Learning**: migrants@mcmaster.ca
for, **Petro Canada - McMaster University Young Innovator Award**: Alyson Brown, Research Coordinator, MacPherson Institute, browna22@mcmaster.ca, extension 20856

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**Diabetes Canada - Grants**

Diabetes Canada has recently announced the following funding opportunities:

1) **New Investigator Award**, the objective: to provide operating support and salary (if required) to independent researchers at the beginning of their careers. The research must describe related projects which are all aligned to achieve objectives that have impact on people living with and impacted by diabetes.

The applicant must be an independent researcher with an academic or research appointment. At the time of application, no more than 5 years may have elapsed since the applicant’s first academic appointment as an assistant professor, or equivalent.

2) **Diabetes Investigator Award**, the objective: to provide operating support to independent researchers through the bulk of their careers. The research must describe related projects which are all aligned to achieve objectives that have impact on people living with and impacted by diabetes.

The applicant must be an independent researcher with an academic or research appointment. At the time of application, no fewer than 5 years and no more than 15 years may have elapsed since the applicant’s first academic appointment as an assistant professor, or equivalent.


**Value**:

**New Investigator**: maximum $125,000 per year for 3 years. The investigator may choose to allocate up to $50,000 per year for salary support.

**Diabetes Investigator**: maximum $125,000 per year for 3 years. The investigator may choose to allocate up to $50,000 per year for salary support.
Application process:
The Diabetes Canada application deadline is **April 2, 2018**.

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

U.S. Agency for International Development, the UK Department for International Development (DFID), and Grand Challenges Canada (Government of Canada, Global Affairs Canada), Creating Hope in Conflict: A Humanitarian Grand Challenge

The objective of *Creating Hope in Conflict: A Humanitarian Grand Challenge* is to support and accelerate solutions that enable life-saving or life-improving assistance to reach the most vulnerable, hardest-to-reach people in conflict-generated humanitarian crises.

Successful innovations will engage the private sector and involve input from affected communities in order to provide, supply, or locally generate clean water and sanitation, energy, life-saving information, or health supplies and services.

The innovations must enable local solutions, serve local needs and delivery gaps, overcome common delivery barriers in conflict settings, or improve on the timeliness and cost efficiency of current humanitarian delivery methods.


The following is available:

1) **Seed** funding, the objective: 1) to test new ideas and approaches to humanitarian assistance, 2) to determine whether or not they are effective.

By the end of the funding period, projects that receive seed funding are expected to demonstrate 1) evidence (e.g., proof of concept) in a controlled or limited setting, 2) greater assistance in the location, 3) lower reliance on importations, 4) reduction of other significant barrier(s) to obtaining assistance, 5) potential to be implemented at scale in other contexts.

**Value:**
maximum $250,000 per project over a maximum 24 months
Awardees may receive additional support such as publicity and marketing promotional support, access to exclusive industry, investor and partner networking events, basic acceleration support, mentorship opportunities, and partnership brokering.

2) **Transition to Scale (TTS)** funding, the objective: to support strategic partnerships for the transition to scale and sustainability of innovative solutions.
Value:
maximum $1,000,000 per project over a maximum 24 months

Matched funding (cash) from strategic partners for activities that further the growth, development, commercialization, or adoption of the innovation (e.g., manufacturing, distribution, marketing, networks) will be interpreted as an increased commitment by a partner. Most awardees will be required to secure a 1:1 match within the TTS funding period; however, this will be assessed on a case-by-case basis during the due diligence process. Strategic partners may provide human and other non-financial resources to the project activities; however, awardees are not allowed to rely only upon these types of in-kind contributions to meet the matching requirements.


Application process:
The Grand Challenges Canada registration deadline is April 9, 2018. The letter of intent deadline is April 12, 2018.

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

Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities

Natural Resources Canada (NRCan) has recently announced two funding opportunities through the Clean Energy for Rural and Remote Communities (CERRC) Program.

1) Capacity Building Stream, the objective: to support proposals that outline knowledge and skill-building initiatives to reduce dependency on diesel in rural and remote communities.

Focus:
- Curriculum and technical training
- Network development or support
- Youth and energy
- Women and energy
- Community energy planning or resource assessments
- (other) Working on something interesting?

https://www.nrcan.gc.ca/energy/science/programs-funding/20477

Value:
$100,000 - $400,000 over 1 to 6 years

Application process:
The NRCan registration deadline is now. The preliminary proposal deadline is April 10, 2018.
2) **BioHeat, Demonstration & Deployment Program Streams**, the objective: to support proposals to reduce the reliance of rural and remote communities on diesel fuel for heat and power. All proposals will need to demonstrate local community support and outline the community benefits of the project, particularly for Indigenous communities.

Focus:
- BioHeat to reduce fossil fuel use
- Innovative demonstrations to reduce diesel use
- Deployment of renewable energy technologies for electricity


**Value:**
$100,000 - $400,000 over 1 to 6 years

**Application process:**
The NRCan registration deadline is now.

Proposals received by:
- **April 12, 2018**, applicants are granted a half-hour phone call to ask questions related to their submission;
- **May 3, 2018**, submissions will be reviewed for completeness and applicants are notified of missing documentation.

The NRCan application deadline is **May 17, 2018**.

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

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**Canadian Cancer Society (CCS) Research Institute: Impact Grants**

The objective of the **Impact Grant** is to 1) support significant progression in all cancer research programs that are anywhere in the continuum; from basic high impact discovery to translational work of direct relevance to the clinic and beyond, 2) accelerate and focus the knowledge gained from scientific findings into outcomes that will significantly advance the understanding of cancer, 3) improve scientific knowledge which will result in optimized patient care, improved cancer treatment, or reduced cancer burden.

Applicants are strongly encouraged to form multidisciplinary teams including early career investigators.

**A special call for breast cancer research is being included in the 2018 Impact Grants funding opportunity.** Applicants applying to this initiative must include a relevance statement.


**Value:**
maximum $250,000 per year for a maximum 5 years
The funds may be used for the purchase and maintenance of animals, expendable supplies, minor items of equipment, payment of graduate students, postdoctoral fellows and technical and professional assistants, open access publication costs, research travel, and permanent equipment.

Grants will be renewable at the end of their term.

**Application process:**
The CCS letter of intent deadline is **April 10, 2018**.

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

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**Christopher & Dana Reeve Foundation: Quality of Life Grants Program**

The objective of the *Quality of Life Grants Program* is to 1) drive innovation, and invest in groundbreaking spinal cord research to advance promising solutions to the forefront of care, 2) support and respond to the priority needs of the community of people living with paralysis.

This year, the Reeve Foundation is piloting a *tiered* approach to the structure of the Quality of Life Grants Program.

1) **Direct Effect, Tier 1**, the objective: to clearly impact individuals living with paralysis and their families, and to support the wide range of projects and activities of the traditional Quality of Life Grants.

Examples:

a) sports wheelchairs for wheelchair basketball team;
b) adapted glider in a community playground;
c) kayak for a rowing program;
d) accessible lockers in a gym;
e) hydraulic lift at a pool;
f) electronic door openers at a community center;
g) wheelchair accessible picnic table at a county fairground;
h) camp scholarships;
i) subsidized lessons for therapeutic riding;
j) transportation costs for an inclusive after-school program;
k) stipends for support group leaders.

All projects are *open-focused*.

**Grant value:** maximum $15,000
Projects must be completed within 12 months.

Application process:
The *Direct Effect, Tier 1*, letter of intent deadline is **April 11, 2018.** The application deadline is **May 1, 2018.**

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

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**Canadian Frailty Network (CFN), the Canadian Foundation for Healthcare Improvement, the Canadian Institutes of Health Research – Institute for Aging: FRAILTY MATTERS Innovation Showcase, September 20, 2018, Toronto – National Conference**

The objective of the *FRAILTY MATTERS Innovation Showcase National Conference* is to invite organizations who have implemented or are planning to implement an innovative practice or program, a new policy or training program, or services delivered to older adults living with frailty and all responsible for their care.

One applicant will be named, **2018 Frailty Innovation of the Year**, by delegates and invited healthcare leaders and decision makers.

Submission examples:

- citizen-led initiatives;
- community volunteer programs;
- service provision, delivery, training in all settings of care (home residential/long term facilities, acute, primary and palliative);
- policies and practices;
- determinants of health influencing frailty (nutrition, exercise, mobility, dental health, social factors).

The CFN will review all submissions based on their impact in addressing frailty, the potential to scale up and spread to other regions and jurisdictions, and potential to impact policy and practice.

Winning submissions could become a focal point for projects/initiatives with CFN and its network of partners across Canada.

[http://www.cfn-nce.ca/](http://www.cfn-nce.ca/)

**Submission process:**  
The CFN innovation submission deadline is **April 12, 2018.**

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**Canadian Blood Services: MSM Research Grant Program**

The objective of the *MSM Research Grant Program* is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM), while maintaining the safety of the blood supply.
Value:
Small Project grants: maximum $50,000 for a maximum 1 year
Large Project grants: maximum $300,000 for a maximum 2 years

Application process:
The Canadian Blood Services registration deadline is April 15, 2018. The application deadline is June 30, 2018.

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

Azrieli Foundation and Brain Canada: Early-Career Capacity Building Grants

The objective of the Early-Career Capacity Building Grant is to accelerate novel, transformative, new lines of research that will fundamentally change our understanding of nervous system function and dysfunction, and their impact on health.

The goal is to reduce the social and economic burden of neurological and mental health problems by prevention, early diagnosis, and treatment.

The research topic must focus on the fundamental properties and mechanisms of the brain and nervous system, including:

1) basic research into fundamental neuroscience challenges, including functional studies based on the use of genome data;
2) projects related to disease or dysfunction of the nervous system if they will lead to new insights into fundamental biological mechanisms;
3) projects aimed at developing novel methods, or models of neural activity, if these methods allow new neuroscientific questions to be answered.

This opportunity is open to individual investigators in the early phase of their careers at a Canadian Institution, within three years of obtaining an independent research position, by the deadline to apply (April 17/18). Such an individual normally holds the rank of assistant or associate professor, is able to initiate and direct their own independent lines of research, has full responsibility for the running of their laboratories, has full control of their research funds, and is permitted to supervise graduate students.

Value:
maximum $100,000 per project over 2 years
Application process:
The Azrieli Foundation application deadline is April 17, 2018.

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

Canada-European Commission: Request for Applications
European Commission International Flagship Collaboration with Canada for human data storage, integration and sharing to enable personalized medicine approaches

The Canadian Institutes of Health Research (CIHR) and the Fonds de recherche du Québec – Santé (FRQS) recently announced funding is available to support Canadian researchers interested in 1) collaborating in the domain of repositories storing and sharing human-omics data, 2) creating a framework for long-term cooperation through transnational collaborations with European researchers. This unique collaboration will require each project to involve at least one Canadian investigator and three European investigators.

The goal of the program aims to enhance and standardize data deposition, curation and exchange procedures, thus ensuring better data reuse and increased benefit to the scientific communities worldwide.

http://www.cihr-irsc.gc.ca/e/50691.html

Value:
The total amount available for Canadian researchers from CIHR and FRQS is $5.5 million, enough to fund 7 grants. maximum $200,000 per year for a maximum 4 years

The total amount available for European researchers from the European Commission is €40 million.

Application process:
Canadian applicants who participate in a full application to the European Commission funding opportunity must complete a CIHR Application, and submit it through ResearchNet by April 18, 2018.

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

Weston Brain Institute, Rapid Response: Canada 2018 - Alzheimer’s & Related Diseases

The objective of the Rapid Response program is to provide seed funding for novel, high-risk, high-reward, translational research that will 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: 1) Alzheimer’s & Related Diseases (current); 2) Parkinson’s & Related Diseases (opens June 2018).

Focus:
. Alzheimer's disease
Frontotemporal dementia.
Mild cognitive impairment
Vascular contributions to the above
Prodromes to the above

All projects must meet two conditions to be eligible:

1) projects must be translational research that helps accelerate the development of therapeutics for neurodegenerative diseases of aging;
2) projects must involve the development of a therapeutic and/or tool.


Value:
maximum $200,000 over a maximum 18 months
Up to 35% of the funds can be used to support international collaborations, or bring unique international resources from outside Canada.

Application process:
The Weston Brain Institute letter of intent deadline is April 19, 2018.

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

SickKids Foundation, National Grants: New Investigator Research Grants

The objective of the New Investigator Research Grant is to support early career investigators who successfully lead, participate in, and translate outstanding child health research that will respond to children’s health challenges and needs.

Funding is provided for research in biomedical, clinical, health systems and services, and population and public health sectors.

The principal investigator will hold a doctoral degree (Ph.D) or equivalent medical/health care degree, and have had formal research training. Eligible applicants are required to include a mentorship plan and to work with a clearly-identified mentor.

https://www.sickkidsfoundation.com/aboutus/grantsandawards/newinvestigatorresearchgrants

Value:
maximum $100,000 per year for a maximum 3 years

Application process:
The SickKids Foundation application deadline is April 20, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
**Brain Tumour Foundation of Canada: 2018 Brain Tumour Research Grant**

The objective of the *Research Grant* is to seek outstanding researchers conducting innovative, quality, primary or metastatic brain tumour research.

Applications will be considered for:

- basic, clinical, or translational research including pediatric brain tumours;
- quality-of-life research;
- research proposals that incorporate novel or original concepts that have the potential to make a difference.

https://www.braintumour.ca/3845/grant-outline--guidelines

**Value:**
maximum $25,000 over 2 years

**Application process:**
The Brain Tumour Foundation of Canada application deadline is **April 27, 2018**.

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

**Scottish Rite Charitable Foundation: Major Research Grants**

The objective of the *Major Research Grant* is to support biomedical research into intellectual impairment focused on the following:

a) the causes and eventual cure of intellectual impairment such as Dyslexia and Autism, especially as it affects children;

b) the causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.

The focus of the research should be on the causes and cure of the disease, as opposed to the active treatment or palliative care.

Research into other forms of intellectual impairment may be considered.

http://www.srcf.ca/research-grants/

**Value:**
maximum $40,000 per year, maximum 3 years

**Application process:**
The Scottish Rite Charitable Foundation application deadline is **April 30, 2018**.

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

The objective of the Globalink Research Award is to provide funds for senior undergraduate and graduate students in Canada to conduct research projects at universities overseas. All disciplines are eligible.

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

- Australia
- Brazil
- China
- EU member countries (in France, both universities and Inria Research Centres are eligible host institutions)
- Israel
- India
- Japan
- Korea
- Mexico
- Norway
- Saudi Arabia
- Tunisia
- United Kingdom
- United States

https://www.mitacs.ca/en/programs/globalink/globalink-research-award

Value:
maximum $6,000 for 12 – 24 weeks

Application process:
Mitacs recommends students apply by May 2018 for travel planned this Fall.

Contact:
Contact international@mitacs.ca for more information.

Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition

The objective of the Joseph H. Fichter Research Grant is to support members of the Association for the Sociology of Religion involved in promising sociological research on 1) women in religion, or 2) the intersection between religion and gender, or 3) religion and sexualities.

Applicants must be members of the Association at the time of application.

http://www.sociologyofreligion.com/lectures-papers/fichter-research-grant-competition/

Value:
A total of $12,000 is available. This amount is distributed among several of the leading applications in the year’s competition.
The grant covers only direct research expenses such as transportation expenses to conduct research, the cost of hiring a research assistant or transcriber, and computer software packages that are not typically provided by a college or university (e.g., specialized statistical software packages).

**Application process:**
The Association for the Sociology of Religion application deadline is **May 1, 2018**.

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

**Crohn’s & Colitis Foundation: Grants**

The Crohn’s & Colitis Foundation has recently announced the following funding opportunities:

1) *The Litwin IBD Pioneers Initiative*, the objective: 1) to support innovative clinical and translational research projects with the potential to impact the treatment of inflammatory bowel disease (IBD) patients in the near future, 2) to encourage novel research into the diagnosis, identification of clinically relevant subsets, treatments, and cures for IBD, 3) to fund innovative pilot research for scientists to test their initial ideas and generate preliminary data. 

2) *Senior Research Awards*, the objective: to provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources. 

**Value:**
*Litwin IBD Pioneers Initiative*: maximum $130,000 (including 10% direct costs), maximum 2 years  
*Senior Research Awards*: maximum per year $115,830 (direct costs up to $105,300 per year; indirect costs 10% of direct costs, or up to $10,530), for 1 – 3 years

**Application process:**
The Crohn’s & Colitis Foundation, *Litwin IBD Pioneers Initiative*, letter of intent deadline is **May 1, 2018**.

The *Senior Research Awards* letter of intent deadline is **May 1, 2018**. The application deadline is **July 1, 2018**.

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

**CANARIE: Canadian Research Software Conference, May 29-30, 2018, Ottawa**

CANARIE funds and promotes reusable research software tools and national research data management initiatives to accelerate discovery, provides identity management services to the academic community, and
offers advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

CANARIE is hosting the first annual *Canadian Research Software Conference* to further build a cohesive Canadian community of research software developers, that advance the use and reuse of powerful software tools.

Academic researchers will learn, collaborate, exchange ideas, and discuss common issues with a goal of ensuring maximum impact of public funds for research, through the application of state-of-the-art research software.


Early registration: $99.
Standard rate after **May 1, 2018**: $150.

**ALS Canada: ALS Canada Project Grant Program 2018**

The objective of the *Project Grant Program* is to support the best possible projects that are 1) novel research approaches supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, 2) part of an ongoing ALS research program and aimed toward the vision of ALS Canada (i.e., *a future without ALS*), or 3) research focused on avenues to maximize function, minimize disability, optimize quality of life through symptom management and support to families living with ALS.

Examples include, but are not limited to:

- management of secretions and cramps;
- psychological interventions to address mental health issues;
- nutritional interventions;
- respiratory care;
- engineering applications to reduce physical limitations;
- programs to address the needs of caregivers.

[https://www.als.ca/research/apply-for-funding/](https://www.als.ca/research/apply-for-funding/)

**Value:**
maximum $125,000 over 1 or 2 years

**Application process:**
The ALS Canada application deadline is **June 8, 2018**.

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


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

**Application Process:**
Applications can be submitted *throughout the year*.

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


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

**Application Process:**
Applications can be submitted *throughout the year*.

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

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