News & Events

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).

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/food-drugs/drugs-medicines/drugs-clinical-trials/clinical-trials-involving-human-subjects.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](mailto:karen.arts@n2canada.ca)
Tel: 416.673.6637

Susanna Sellmann-N2 Quality Committee
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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

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.
**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://www.irdirc.eu/). CIHR is pleased to be partnering with the [Fonds de recherche du Québec – Santé (FRQS)](https://www.frqs.qc.ca/) 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

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 gillac@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 gillac@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.

Additional Details
Internal HRS Deadline: March 30, 2018
Sponsor Deadline: April 13, 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

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

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.

**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

**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.
**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 doing so 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.

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**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.

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**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

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**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

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**European Commission Research Projects on Personalized Medicine – Smart Combination of Preclinical 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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**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.
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

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.

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

**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.

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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

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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

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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.