Week of October 5, 2018

Dear colleagues,

Please find below this week’s updates:

- Congratulations to Dr. John Paul Oliveria who received a CIHR fellowship for three years.

- I am pleased to announce that Dr. Alberto Caminero has been selected to receive the Basmajian Award for Excellence in Post-Doctoral Research Work.

- With just three weeks until the MCCQEII exams, the Centre for Simulation-based Learning is in need of over 20 examiners for the exam taking place on October 27. Further details are attached. The contact for those interested is mccexam@mcmaster.ca, or 905-525-9140 ext 22138.

- Please find attached the second issue of the McMaster Centre for Transfusion Research (MCTR) newsletter, which aims to highlight MCTR announcements, accomplishments, presentations, publications, and current projects.

- Please find attached an invitation for the Immigration Information Session open to all foreign academics, clinical faculty and postdoctoral fellows. It has been designed to provide guidance on immigration requirements, the process for renewal and how to apply for permanent residency in Canada. Those wishing to attend the session can register here. Should you have any questions, please contact Jennifer Caruk at carukj@mcmaster.ca.

- Department of Surgery Chair’s Rounds is pleased to present Ms. Ena Chadha, Human Rights Lawyer. I would encourage everyone to attend these special rounds. As physicians and supervisors of trainees, it is important that you understand Ontario’s human rights legislation. I have attended a seminar put together by the speaker at these rounds, and was impressed with her understanding of the subject, and with the implications that Human rights legislation could have with us all. Please consider attending. There will be two additional presentations on November 21, one at 9 am for Residents only, and another at 5pm open to all. These presentations are sure to be interesting and informative! Please find the poster attached.

- You are invited to the 12th Arnold L. Johnson Memorial Lectureship with Professor Robert A. Harrington of Stanford University presenting. Presentations will take place on October 30th and 31st and further details can be found in the attached poster.

- Anatomical Pathology Grand Rounds is pleased to present Dr. Elizabeth McCready, Associate Professor at McMaster University, who will be speaking on Tuesday, October 23. Further details can be found in the attached poster. Please note they are now using WebEx as their Web Casting platform, access instructions have changed. If you cannot attend Rounds, you can join Anatomical Pathology Grand Rounds live here. Session Number: 660 146 329 Session Password: HRLMP
• Just a reminder that all independent bursary applications from non-payroll faculty (i.e. part time/outside paid) need to be submitted unsigned to Rebecca Collier via rcollie@mcmaster.ca, fax 905-526-6623, or mailed to HSC-2J1A. The Faculty Relations office reviews the forms, and if the individual meets the criteria for bursary, then the form is signed and forwarded for processing. Please do not sign these forms and send them in as they will not be processed. Any forms sent in with alternate signatures are delayed as these are then re-routed to Faculty Relations for review and approval.

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

• You are invited to Celebrate Research, hosted by The Research Institute of St. Joe’s – Hamilton, on Tuesday, October 23. This annual event recognizes the achievements of our researchers and keeps our community informed about the exciting innovations being made at St. Joseph’s Healthcare Hamilton. Everyone in the St. Joe’s community is welcome to attend – researchers, students, hospital staff, donors, patients, and community members. This event will take place from 11:00 am to 3:30 pm in the Juravinski Innovation Tower, Level 2. Celebrate Research will feature presentations from each research program, an awards ceremony, and students will share their work through a poster competition. Community partners will be joining us to showcase their collaborative work with interactive displays. A lunch service will be available during the interactive sessions and the poster showcase. For logistical purposes, we ask that attendees please register for the event. It’s a great opportunity to meet your fellow researchers, network with local partners, learn about the exciting work from other fields, and support the academic growth of our research students.

• Please find attached the October 2018 CIHR University Delegates’ Webex Minutes.

• The Canada Foundation for Innovation (CFI) launched its Research Facilities Navigator, a searchable online directory of CFI-funded research facilities across Canada that are open to working with business. This past summer, the CFI responded to interest expressed from institutions to list facilities with cutting-edge equipment that is not CFI-funded in the Research Facilities Navigator and now invites research facilities to post a free online profile in the Navigator.

• The National Academies of Sciences, Engineering and Medicine invite you to Together We Can Do Better, a National Convocation for Leaders in Academia on Preventing Sexual Harassment taking place on November 8, 2018. Further details can be found here.

• Please find attached the October 5 HRS Funding Opportunities bulletin.

• Please join us at Grand Rounds next week on October 11, 2018 at 8:00 am. Medical Grand Rounds - HHS will be hosting Dr. David Armstrong in MUMC 4E20 who will be speaking on Short Bowel Syndrome: Advances in Management. Medical Grand Rounds - SJH will be hosting Dr. Peter Powles in the Miller Amphitheatre who will be speaking on A Sleep Odyssey. Further information on these events, and many others taking place in the Department, can be found in the ETA Calendar as they become available.
New Faculty Highlight

Welcome to Dr. Arthur Wong who on July 1 joined the Department of Medicine, and the Division of General Internal Medicine, as an Assistant Professor. Dr. Wong is a well-trained Internist with an active interest in global health.

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
Interested in being an MCCQE II Examiner?

The Medical Council of Canada grants a qualification in medicine known as the Licentiate of the Medical Council of Canada (LMCC) to physicians who have met its requirements. The LMCC is a part of the Canadian Standard, the set of requirements physicians need to meet to apply for a full licence to practise medicine in Canada.

**PHYSICIAN EXAMINER (PE) REQUIREMENTS:**
Please note these requirements have been updated for 2018.

- PEs must be registered and in good standing with a Medical Regulatory Authority (MRA) in Canada.
- PEs may be semiretired or retired but must have an active license with an MRA in Canada.
- PEs must have the ability and stamina for the task.
- PEs must be practicing, or have practiced within the last 5 years, in Canada.
- PEs must not have any family members eligible to write this exam within the next three years.
- PEs must have at least 2 years of independent practice. Exception: PGY5 (current) level or higher, or a fellow, or have CCFP certification.
- Physicians who DO NOT have their LMCC will be accepted as examiners under the following conditions:
  - Non-Licentiate examiners must be Faculty members, (e.g. faculty lecturer, assistant professor, associate professor, or professor) AND
  - Non-Licentiate examiners must be certified by one of the following organizations and must provide their certification number: RCPSC, CMO, CFPC
  - Must sign a waiver indicating that they have no intention of taking the QEII Exam in the future.

**BENEFITS OF PARTICIPATING:**

- Earn Continuing Professional Development credits
- Earn an honorarium
- Provide a valuable service to medical education and assessment in Canada
- Meet and interact with fellow physician colleagues
- Enjoy a sense of accomplishment in participating as a Physician Examiner

**APPLY TODAY**

✉️ mccexam@mcmaster.ca
📞 905-525-9140 ext. 22138
DIRECTOR'S NOTE

Improving patient care through research is at the core of all activities at the McMaster Centre for Transfusion Research (MCTR).

Big data applications in the healthcare field have emerged as effective tools to improve health outcomes and the quality of care delivered to patients. Transfusion medicine in particular is well suited for big data research due to the complex relationship between donor and patient. One notable example of big data is TRUST (Transfusion Registry for Utilization, Surveillance and Tracking), a multihospital database which currently spans more than 15 years, and contains more than 20 GB of data which has been used to answer administrative, operational and research questions. TRUST was developed back in 2002 by MCTR and includes clinical, laboratory and comprehensive transfusion data. TRUST can also be linked to other data sources, (eg: donor data from Canadian Blood Services, and national hemovigilance data) providing a novel approach to understand transfusion associated adverse event along the entire transfusion chain. The potential for big data applications in medicine is immense, and will usher in a paradigm shift in how we deliver care. For transfusion medicine, big data is the foundation that will take us down the path of precision transfusion therapy.

IN THE LITERATURE


KNOWLEDGE TRANSLATION


THESES IN PROGRESS

- Yungchan ‘Phil’ Jin (BHSc; IV): HOPPE Study - Hemophilia Obstetric Parent Preferences
- Hazmik Nazaryan (BHSc; IV): An exploratory analysis of patient characteristics that can predict response to secondary line(s) of treatment in ITP patients
- Emily Sirotich (MSc - HRM; I): Evaluating time to treatment in the emergency management of immune thrombocytopenia

FEATURED SYSTEMATIC REVIEW


DID YOU KNOW?
The Ontario Transfusion Transmitted Injuries Surveillance System Education Committee has developed TTISS-ON, an app to help identify, investigate & treat transfusion reactions by symptom presentation at the bedside. Suitable for physicians, nurses and blood transfusion laboratory personnel.
Immigration Information Session

On behalf of the Provost & Vice-President (Academic), we invite you to attend an Immigration Information Session to answer your immigration questions and provide essential information.

Presented by: Baker & McKenzie LLP

This workshop is open to foreign academics, clinical faculty, and postdoctoral fellows. It has been designed to provide guidance on immigration requirements, the process for renewal and how to apply for permanent residency in Canada.

Date: Wednesday October 24, 2018
Time: 9:30 a.m. – 11:30 a.m.
Location: Council Chambers (Gilmour Hall 111)

Light refreshments will be served

RSVP by Friday, October 19, 2018 at http://cll.mcmaster.ca/provostworkshops/index.html
If you have any questions, please contact Jennifer Caruk, Office of the Provost carukj@mcmaster or at ext. 24665.
The 12th Arnold L. Johnson Memorial Lectureship

Professor Robert A. Harrington

- Arthur L. Bloomfield
  Professor of Medicine
- Chairman of the
  Department of Medicine,
  Stanford University

Tuesday, October 30, 2018

 8:00AM – 9:00AM
Regional Cardiology Rounds
Title: Key ACS lessons over the last 25-30 years
David Braley Cardiac Vascular and Stroke Research Institute (DBCVSRI) Auditorium-Main Floor

 5:00PM – 6:30 PM
Arnold L. Johnson Memorial Lecture
Title: Education and research in an era of quality, big data, precision medicine and digital health
David Braley Cardiac Vascular and Stroke Research Institute (DBCVSRI) Auditorium-Main Floor

Wednesday, October 31, 2018

 8:00AM – 9:00AM
PHRI Rounds
Title: Rethinking randomized trials
David Braley Cardiac Vascular and Stroke Research Institute (DBCVSRI) Auditorium-Main Floor
Application of Next Generation Sequencing to Tumor Somatic Variant Testing

Objectives:

• To review the different technical and analytic workflows used in next generation sequencing applications.
• To discuss the benefits and limitations of next generation sequencing compared to classical molecular genetic testing for somatic variant detection.
• To explore emerging applications of next generation sequencing in the evaluation of solid tumors.

Date: Tuesday, October 23rd, 2018
Time: 12:30 pm – 1:30 pm
Location: MDCL – 2232

This event is funded by the Department of Pathology and Molecular Medicine, McMaster University
The presentation will be web casted live on: https://mcmaster.webex.com

Session Number: 660 146 329
Session Password: HRLMP

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada approved by the Anatomical Pathology CME Committee/Anatomical Pathology Rounds.
1. CIHR update

New CIHR president Dr. Strong started this week, communicated his vision to senior staff based on the CIHR Act...that CIHR should improve the health of Canadians. He left a really good first impression. UD Executive Committee meets with him Oct 15 to discuss the role of the UD.

Further information on CIHR website.
http://cihr-irsc.gc.ca/e/51173.html

Dr. Strong announced the appointment of Dr. Tammy Clifford to replace Dr. Anne Martin-Matthews who was on secondment.

Nominate your colleagues for Gold Leaf Prizes - until October 10: http://www.cihr-irsc.gc.ca/e/27894.html

Update on the TriAgency fund.
The $275M high risk, interdisciplinary research fund. The CRCC (Canadian Research Coordinating Committee) advisory group will control the fund.

Two streams initially proposed – proof of concept up to 3 y and 1M, and a larger stream with fewer but up to 20M. 65M per year ongoing.

They don’t have access to the money right away, they need to put in a request to the treasury board. Meeting planned for Nov 29 with them. Plan is to be spending in 2018-19 – opportunity will be launched very soon after that Nov 29 meeting, be ready! The report needs to be approved before it is released, some design elements can’t be shared yet.

Lots of feedback upon consultation. Community thought proposed funds addressed a need and could meet the need of funding interdisciplinary, high risk research with international collaborations.

Need to define the key concept and priorities – what is meant by the terms – high risk, interdisciplinary, etc. Need to change the review culture so the reviewers can review this type of proposals (eg bring in international reviewers?)

Do we need the two streams? Should this be used to fund more, smaller grants? Focus on teams with ECR and diverse composition?

How to shape special calls? More bottom up approach from researchers who point out emerging trends versus agency selecting the priorities?
Very short deadline opportunities:
Governing Council Opportunities – if you’d like to be involved you will have to act fast - Oct 5 (tomorrow!) and Oct 12 deadlines.

http://cihr-irsc.gc.ca/e/38103.html

There will be IT shutdowns Oct 6-7 that will affect Banting and Vanier, Reseachnet will be ok. RNet will be out Oct 16. See detailed info here:

http://www.cihr-irsc.gc.ca/e/193.html

CIHR version of the UD Webex minutes will now be shared within 3 business days (English, 1 week for French) to improve communication. Still not as fast as getting the information from me ;)

Questions from UD, my paraphrased responses from CIHR staff:

from David Rose to All Participants:
Regarding tricouncil fund: Thanks, Pierre. As you know it takes time to put together teams (especially international). Are there thoughts about whether the short timeline will allow the goals of the program to be met?

They hope the short timeline will still allow the goals to be met although they agree there will be some pressure. Will perhaps initially concentrate on streams that are less international and more high risk, interdisciplinary.

from Brittney Roughan to All Participants:
Related to David's question - is the plan to have this fund every year (or multiple times per year) moving forward? Will there be regular deadlines?

Yes, some components every year but not the whole stream.

from Ray Turner to All Participants:
Will Foundation grant holders be able to apply for the Triagency funds?

They are currently finalizing with NSERC and SSHRC who will be eligible to apply but they don’t yet have the answer.

2. Project grant update (Martine Lefrance)

They received 2498 applications (a slight reduction of 5% compared to Spring 2018); in Fall 2017, there were 3415 applications.

Based on the number of applications received, they struck 59 Peer Review Committees. Streamlining is set at max 50% per committee. CIHR invited 2152 reviewers: 980 accepted, 938 declined (mostly because they have submitted themselves). There were 234 non responders.
Most committees have core membership established, some still need a few more reviewers. Recruitment of additional reviewers on as-needed basis is ongoing based on conflicts or knowledge gaps. CIHR will open assignments to reviewers starting on Oct 11 – the release of applications to reviewers will be phased based on committee meeting dates. All reviewers should have 4-5 weeks to review; the maximum of applications per reviewer is 10, but they aim for 8 per reviewer.

The peer review meetings will be held between Nov 19-Dec12. The notice of decisions will be released Jan 23, 2019 to applicants.

Information sessions for reviewers start Oct 9 and continue until Oct 31; register online. There will be 3 in French and the rest in English. You should get an email inviting you to sign up.

There were two competition chair meetings in Sept with identical agendas. Reviewed the roles of chairs and reviewers, conduct of reviews, Q and A with Adrian Mota. Update from College of Reviewers on quality of reviews.

from Roger McLeod to All Participants:
How are the numbers for EDI consideration on committees shaping up?

Currently working on baseline for EDI (equity, diversity, inclusion). Triagency had to come up with a common plan and presented to treasury board on Sept 22, to get additional funds. CIHR has established targets for committees and has a plan approved to meet those targets.

from Leslie Copp to All Participants:
Is the info asked of applicants in the applications about the reason for their choice of committees helping with assignment to the review committees?

Yes in general. Still encourage applicants to be as informative as they can be and talk about the revision history of an application if appropriate. The summary must contain enough information to help the chairs decide whether an application fits, and if they have the right reviewers.

from Shari Baum to All Participants:
I have heard some concerns from individuals who served as SOs in the last round that they are not being invited back to 'ensure diversity'. There is concern about consistency and a potentially steep learning curve if chairs and SOs change frequently.

Not aware of this. They want some consistency in the committees but need good gender and language balance among other features. (Pierre Cote asks Martine if there is a rotation policy...) They are looking at what was done during OOGP. They need some consistency in membership with some rotation. They are looking at standing membership (as for OOGP, 6 comps or 3 years). They’re looking at this for next round.

from Jennifer McGrath (Concordia) to All Participants:
Can you share website for registration for the Peer Reviewer Webinars, svp.
Reviewer webinars are not public (invitation only by email link), although applicant webinars are publically available.

from Penny D'Agnone to All Participants:

In OOGP, didn't the committee change by approx 1/3 each competition?

Yes, trying to balance consistency with turnover.

3. Update on Research data management. Alison Bourgon

Draft policy was open for consultation until end of Sept 2018. Compiling a review with NSERC SSHRC based on the feedback. Finalizing in 2019, still early stages. Phased and incremental approach to implementation. Will provide more info at the next UD meeting.

CIHR will provide a data management learning module, covering the challenges etc. It is intended to provide support for those applying to funding opportunities that require a digital data management plan. They acknowledge that the Canadian Association of University Libraries ‘portage’ was very helpful.

http://www.cihr-irsc.gc.ca/e/49938.html

4. Strategic opportunities update – Martine Lefrance

New opportunities with deadlines in November and December include:

Catalyst Grant: SPOR Innovative Clinical Trials (The Strategy for Patient Oriented Research)

- Application deadline: November 14, 2018

Other: Centres for HIV/AIDS, Hepatitis C and other STBBIs Research

(The HIV/AIDS Research Initiative with strategic leadership from the CIHR Institute of Infection and Immunity, the Institute of Indigenous Peoples’ Health, the Institute of Population and Public Health and the Institute of Health Services and Policy Research)

- Application deadline: December 11, 2018

Other: Indigenous Gender and Wellness: Idea Fair and Learning Circle

(CIHR’s Institute of Gender and Health, Institute of Indigenous Peoples’ Health and Institute of Population and Public Health)

- Application deadline: November 8, 2018

Team Grant : Canadian Microbiome Initiative 2: Research Teams
The CIHR Roadmap Accelerator Fund under the scientific leadership of the Institute of Genetics, Institute

from CIHR Webinars / Webinaires des IRSC to All Participants:

The links will be provided in the minutes. They did not transfer with the text above. Sorry

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Results of strategic competitions / Décisions de financement récentes

<table>
<thead>
<tr>
<th>Funding Opportunity</th>
<th>Code</th>
<th>Number of applications</th>
<th>Number of grants funded</th>
<th>Term of grants</th>
<th>Total amount</th>
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<tr>
<td>Operating Grant: Canadian Cancer Society Innovation Grants</td>
<td>201803CCP</td>
<td>236</td>
<td>19 (by CIHR)</td>
<td>2 years</td>
<td>$1,655,307</td>
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<td>Operating Grant: Cancer Research Society Operating Grants</td>
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<td>Team Grant: Canada-EU Data Flagship collaboration (Canada-EU Commission Flagship Collaboration for Human data storage, Integration and sharing)</td>
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<td>6</td>
<td>4 years</td>
<td>$4,284,249</td>
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<tr>
<th>Possibilité de financement</th>
<th>Code</th>
<th>Nombre de demandes</th>
<th>Nombre de subventions</th>
<th>Durée des subventions</th>
<th>Montant total</th>
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<tr>
<td>Subvention de fonctionnement: Société Canadienne du cancer subventions pour l’innovation</td>
<td>201803CCP</td>
<td>236</td>
<td>19 (de CIHR)</td>
<td>2 ans</td>
<td>$1,655,307</td>
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<tr>
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<td>$959,915</td>
</tr>
<tr>
<td>Subvention d’équipe : Collaboration phare sur les données Canada-Commission européenne</td>
<td>201804CDF</td>
<td>18</td>
<td>6</td>
<td>4 ans</td>
<td>$4,284,249</td>
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</tbody>
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from Drew Gyorke to All Participants:

Longer term question: Is there any information about the new GMS (grant management system) and Research Portal changes? (not sure if this is strategic question but unsure when to pose it during the presentation/discussion).

Presentation was made to 3 agency presidents – announcement will be made very very soon. Project was approved by them. New exec will be nominated and report to the 3 presidents. There will be one research portal. Just approved in the last week.

5. Foundation grant update – Aaron Jackson

They received 216 applications from 237 registrations. Reviewers have been secured for both stages; stage 1 conflict of interest/ability to review was sent yesterday.

Options re 2019 competition being explored based on low application pressure. Nov 4 report to Governing Council.

from Lori Burrows to All Participants:

What is the envelope for Foundation this round?

Only have pooled number with Project so no other information.
News & Events

CIHR Fall 2018 Postdoctoral Fellowship Award Competition – School of Graduate Studies Processes

This competition is being managed by the Office of Postdoctoral Affairs in the School of Graduate Studies. Applicants are encouraged to contact OPART at postdoc@mcmaster.ca for questions regarding required paperwork, deadlines and online submissions.

General Application Process:
- Applications are prepared and submitted by students on ResearchNet by the internal deadline set by McMaster. You will not be able to submit your application on ResearchNet until all the required “tasks” on ResearchNet are completed, including the sponsor “task.”

McMaster INTERNAL RESEARCHNET DEADLINE: Monday, October 29, 2018, 12:00pm

Sponsor info is due on RNet by October 27, 2018 before 12 noon

It is important to note that it is the applicant's sole responsibility to follow up with his/her sponsors to ensure that the assessments are submitted online by their sponsors no later than Saturday, October 27, 2018 12:00pm.

Complete instructions are available on our website.

Research Project Management Course at UoT

Good project management is vital to the success of major research projects. UoT has developed a course specifically tailored for the project management of research projects. The course has been adapted for research project management through the collaboration of an Advisory Group of faculty and staff, the School of Continuing Studies, staff from the Division of the Vice-President, Research & Innovation, and the instructor, Dr. Alison Paprica. Dr. Paprica (Assistant Professor [status] at the U of T Institute of Health Policy, Management & Evaluation), was previously the Director responsible for up to $60 million/year of government research funding and has also led numerous large-scale R&D projects in the private, public and not-for-profit sectors.

The course is designed for faculty researchers, staff scientists, post-doctoral fellows, research coordinators and those interested in a path to management and research leadership. This is the second year the course is being offered. Last year, given demand for the fall course, we mounted an additional section for the winter.

Information and registration can be found at 3382 Project Management for Research.

Invitation for feedback: Prioritizing Future Challenges for Canada

Canada’s three research granting agencies, the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council of Canada, the Social Sciences and Humanities Research Council of Canada (CIHR, NSERC, SSHRC), and the Canada Foundation for Innovation, are seeking your expertise to help prioritize which future challenges identified through a recent horizon scan are considered most important for Canada.

Outcomes from this consultation may also be leveraged to support the priorities of the Canada Research Coordinating Committee (CRCC), notably to advance efforts in identifying key emerging research areas. Stakeholders from all four agencies are invited to participate in this consultation. Information on the CRCC’s priorities is available on the CRCC’s website. Building upon the success of SSHRC’s 2014 Imagining Canada’s Future initiative, the granting agencies partnered with Policy Horizons Canada, a federal centre of foresight expertise, to undertake a horizon scan as a first step in identifying future challenges for Canada over the next 10 to 15 years.

Policy Horizons Canada drew on sources from across digital media, academic studies, and foresight projects to identify and analyze change data for its global scan. They also conducted a literature review of over 600 early change indicators, and
examined additional materials produced by Policy Horizons Canada, government departments and agencies, and other organizations around the world. These approaches were complemented by an online questionnaire engaging various key networks and foresight communities from more than 60 countries.

The scan has identified 16 future challenges with the potential to shape society in profound ways, and which are all multi-disciplinary and require broad collaboration to address. The granting agencies ask that you select one top challenge, and explore its possible impacts through a brief survey. For the challenge you select, you will be asked a series of questions. You will have the option of repeating the exercise for a challenge you deem of next-most importance. The granting agencies are inviting input from a variety of individuals across the academic, private, public and not-for-profit sectors, in Canada and internationally. Beyond the 16 challenges identified in the horizon scan, you have the opportunity to identify additional challenges deemed critical to Canada’s future.

By taking part in their brief prioritization exercise, using the Futurescaper crowdsourcing tool, you will help to identify which challenges to consider for possible future programming and/or corporate activities. Once you have reviewed the 16 future challenges, the exercise will take you about 10 to 15 minutes to complete. To begin, please follow this link: FUTURE CHALLENGES PRIORITIZATION

Results of this foresight exercise will be available by spring 2019. Responses are anonymous, and results will be aggregated to ensure anonymity.

Associated Links:
Imagining Canada’s Future initiative
Policy Horizons Canada
Canada Research Coordinating Committee
Social Sciences and Humanities Research Council of Canada
Natural Sciences and Engineering Research Council of Canada
Canadian Institutes of Health Research
Canada Foundation for Innovation

Social Sciences and Humanities Research Council (SSHRC) Research Grants and Partnerships – Upcoming Webinars
SSHRC will be holding a series of webinars for applicants and research administrators on upcoming competitions. The webinars will be held via Adobe Connect at the following times:

<table>
<thead>
<tr>
<th>Webinar</th>
<th>Date</th>
<th>Adobe Connect Link</th>
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<td>Partnership Grants – Stage 1 (English)</td>
<td>Wednesday, October 17, 2018, 12:00–14:00 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/r61rc3supl9r/">https://sshrc-crsh.adobeconnect.com/r61rc3supl9r/</a></td>
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<td>Connection Grants (French)</td>
<td>Thursday, November 8, 2018, 13:00–15:00 ET</td>
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</table>

(Advance Registration is not required)

Compilation of GDPR Guidances Now Available
The Office for Human Research Protections has developed a new resource for IRBs, researchers, and sponsors that are involved in human subjects research in Europe. Titled Compilation of European GDPR Guidances, the document lists the data protection authorities of all European countries that fall under the new E.U. General Data Protection Directive (GDPR). For each country, the compilation also provides the links to any general GDPR guidances, as well as specific guidances on the topics of Research, Legal Basis, Consent, and International Data Transfer.

The new Compilation is available here: https://www.hhs.gov/ohrp/international/index.html
Canada Foundation for Innovation (CFI) – Planning for Innovation Fund 2019

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

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

Anyone interested in submitting an IF application must meet with Dr. Bramson to discuss:
- the excellence, innovation and viability of the proposed research program;
- the need for additional infrastructure;
- eligibility and fit with the Innovation Fund mandate;
- the planned location for this project and the plan for sustainability.

To schedule a meeting, please contact Jenn Seager, ext. 22184; seagerj@mcmaster.ca

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

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<th>Health Research Grant Competitions</th>
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<tr>
<td>Programs administered by Health Research Services, unless otherwise indicated. Email: <a href="mailto:hsresadm@mcmaster.ca">hsresadm@mcmaster.ca</a></td>
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<tr>
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<tr>
<td>CIHR – Food Security and Climate Change in the Canadian North</td>
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<td>CIHR – Team Grant: Food Security and Climate Change in the Canadian North</td>
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<tr>
<td>CIHR – Team Grant: Human Immunology Initiative: Research Teams</td>
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<tr>
<td>CIHR – Team Grant: Canadian Microbiome Initiative 2: Research Teams</td>
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<tr>
<td>Fund Name</td>
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<tr>
<td>Hamilton Health Sciences JHCCF Grants Fall 2018</td>
<td>N/A</td>
<td>Oct 24</td>
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<tr>
<td><strong>Cystic Fibrosis Canada: 2018 Targeted Research Competition</strong></td>
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<tr>
<td><strong>Canadian Orthopaedic Foundation: Canadian Orthopaedic Research Legacy (CRL) Grant</strong></td>
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<tr>
<td><strong>Canadian Orthopaedic Foundation: J. Edouard Samson Award</strong></td>
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<tr>
<td><strong>Hamilton Health Sciences Health Professional Investigator Operating Grant</strong></td>
<td>N/A</td>
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<tr>
<td><strong>Escher Fund for Autism: Investigation of F2 Neurodevelopmental outcomes of F0 pregnancy or F1 Neonatal General Anesthesia</strong></td>
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<tr>
<td><strong>Postdoctoral Funding Opportunity – DeGroote Fellowship Awards</strong></td>
<td>N/A</td>
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<tr>
<td><strong>Alzheimer’s Drug Discovery Foundation: Core Requests for Proposals</strong></td>
<td>Oct 12</td>
<td>Oct 26 Nov 9</td>
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<tr>
<td><strong>Alzheimer Society Research Program (ASRP) 2019 Competition</strong></td>
<td>Oct 26</td>
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<tr>
<td><strong>BrightFocus Foundation – Standard Grants: National Glaucoma Research (NGR) Standard Award</strong></td>
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<tr>
<td><strong>Bill &amp; Melinda Gates Foundation: Grand Challenges Explorations</strong></td>
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<tr>
<td><strong>Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants Collaborative Housing Research Network Initiative</strong></td>
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<tr>
<td><strong>Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grant</strong></td>
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<tr>
<td><strong>Canadian Hemophilia Society (CHS) Research Programs: Dream of a Cure</strong></td>
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<tr>
<td><strong>Canadian Hemophilia Society (CHS) Research Programs: Pfizer Care until Cure Research Program</strong></td>
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<tr>
<td><strong>Canadian Hemophilia Society (CHS) Research Programs: Novo Nordisk Psychosocial Research Program</strong></td>
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<tr>
<td><strong>Hamilton Health Sciences Early Career Awards</strong></td>
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<tr>
<td><strong>Fulbright Canada: Awards for Canadian Scholars</strong></td>
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<td><strong>Canadian Blood Services: BloodTechNet Award Program</strong></td>
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<td><strong>Canadian Blood Services: Kenneth J. Fyke Award</strong></td>
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<tr>
<td><strong>Quebec Consortium for Drug Discovery (CQDM): Quantum Leap</strong></td>
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<tr>
<td><strong>WestGrid: Visualize This! Challenge</strong></td>
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<tr>
<td><strong>Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grants</strong></td>
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<td><strong>Alex’s Lemonade Stand Foundation: Young Investigator Grants</strong></td>
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<tr>
<td><strong>Alex’s Lemonade Stand Foundation: Epidemiology Grants</strong></td>
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<td><strong>Age-Well Core Research Program 2020-2025</strong></td>
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<td><strong>Prostate Cancer Canada and the Movember Foundation: Discovery Grants</strong></td>
<td>Nov 30</td>
<td>Jan 3 2019 Jan 17 2019</td>
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<tr>
<td><strong>Ontario-Jiangsu Industrial Research and Development Program (OJIRDP)</strong></td>
<td>Nov 13</td>
<td>TBD Feb 2019 MILO</td>
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<tr>
<td><strong>Alzheimer’s Drug Discovery Foundation: The Treat FTD Fund</strong></td>
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<td>Feb 1 2019 Feb 15 2019</td>
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<tr>
<td><strong>Alex’s Lemonade Stand Foundation: Innovation Grants</strong></td>
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<tr>
<td><strong>Weston Brain Institute Rapid Response</strong></td>
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<td><strong>Weston Brain Institute Transformational Research</strong></td>
<td>Dec 3</td>
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<td><strong>Weston Brain Institute Postdoctoral Scholars at Oxford</strong></td>
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<tr>
<td><strong>Weston Brain Institute International Fellowships: Canada</strong></td>
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<tr>
<td><strong>McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities</strong></td>
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<td><strong>MITACS Accelerate Fellowship</strong></td>
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<tr>
<td><strong>Weston Brain Institute: Early Phase Clinical Trials: Canada</strong></td>
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<tr>
<td><strong>OCE Voucher for Innovation and Productivity (VIP I) Program</strong></td>
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<tr>
<td><strong>OCE Voucher for Innovation and Productivity II (VIP II) Program</strong></td>
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<td>Ongoing MILO</td>
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<tr>
<td><strong>MITACS Accelerate Program</strong></td>
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<td>Ongoing MILO</td>
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| **Funding Opportunity (DoD) (eBRAP account required – must be validated by McMaster prior to any submission)** | LOI Deadline | Internal HRS Deadline | Sponsor Deadline |
| Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2018 | Oct 10 | Oct 24 | Nov 7 |
| Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018 | Oct 18 | Oct 25 | Nov 8 |
| Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018 | Nov 1 | Nov 26 | Dec 10 |
| Department of Defense Duchenne Muscular Dystrophy Research Program (DMDRP) Funding Opportunities for Fiscal Year 2018 | Nov 14 | Nov 21 | Dec 5 |
| Department of Defense Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) Funding Opportunities for Fiscal Year 2018 | Oct 8 | Dec 17 | Jan 7, 2019 |

**CIHR – Food Security and Climate Change in the Canadian North**

The Food Security and Climate Change in the Canadian North Initiative funding opportunity is expected to:

- Create new knowledge about the magnitude and health effects of climate change on food security in the Canadian North and Northern Indigenous populations by incorporating Indigenous knowledge and land-based experience regarding traditional/country food sources.
- Identify effective approaches, programs and policy to address food insecurity in the North through implementation science.
- Build capacity for multidisciplinary research in the area of food security and climate change in the Canadian North that has strong and meaningful engagement with Indigenous communities and organizations.

**Funding Details:** The total amount available for this funding opportunity is $1.050 million, enough to fund approximately 7 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $75,000 per year for up to 2 years, for a total of $150,000 per grant.

**Additional Details**

Internal HRS Deadline: October 11, 2018
Sponsor Deadline: October 25, 2018
Canada’s Strategy for Patient-Oriented Research (SPOR) is an initiative that puts patients first. SPOR provides the evidence needed to inform the development of health policies and improve the health care system. It is about putting scientific discoveries into practice, and producing the information decision-makers and health care providers need to improve care. SPOR is about using the power of research to make our health care system more efficient and effective, ultimately improving the health outcomes and care experience for patients. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. Note that “patients” is an overarching term that includes individuals with personal experience of a health issue and informal caregivers, including family and friends.

Funding Details: The total amount available for this funding opportunity is $100,000, enough to fund up to 75 awards.

Additional Details
Internal HRS Deadline: October 18, 2018
Sponsor Deadline: November 1, 2018

The Vanier Canada Graduate Scholarship (Vanier CGS) was created to attract and retain world-class doctoral students and to establish Canada as a global centre of excellence in research and higher learning. It is available to both Canadian and international PhD students studying at Canadian universities. The program is jointly administered by Canada’s three federal granting agencies: the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC). CIHR has been designated as the operational lead for the implementation of the program. For further information about this funding opportunity, please consult the Vanier CGS website.

Funding Details: The total amount available for this funding opportunity is $24,900,000, enough to fund approximately 166 awards. The maximum amount per award is $50,000 per year, for up to three (3) years and a total of $150,000 per award. This funding is non-renewable.

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: October 31, 2018

CIHR - Fellowship

CIHR’s Health Research Training Strategy aims to equip research trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise. Generating Research Leaders of tomorrow is a key objective for CIHR. Fellowships provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

Funding Details: The awards consist of a stipend and a research allowance and are valued in Canadian dollars. It is anticipated that approximately $21 million over five years will be available through this competition. The maximum amount awarded for a single award is up to $60,000 per annum for up to 5 years. The value and duration of each award is determined by the degree(s) held, licensure (where applicable), location of tenure and experience of the applicant.

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor info is due on RNet by October 27, 2018 before 12 noon
Graduate Studies Internal Deadline: October 29, 2018
Sponsor Deadline: November 1, 2018

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

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

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

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

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

CIHR – Indigenous Gender and Wellness: Idea Fair and Learning Circle
The specific objectives of this funding opportunity and the Idea Fair and Learning Circle are to:
• Foster a safe space for Indigenous Peoples to share ideas on Indigenous gender and wellness with supporters who will help them to grow their ideas into fundable projects.
• Facilitate knowledge sharing and learning to develop and strengthen Indigenous-focused projects.

Funding Details: The total amount available for this funding opportunity is $800,000, enough to fund approximately 160 awards.

Additional Details
Internal HRS Deadline: October 25, 2018
Sponsor Deadline: November 8, 2018

CIHR – Catalyst Grant: SPOR Innovative Clinical Trials
The Strategy for Patient-Oriented Research (SPOR) is a national coalition of federal, provincial and territorial partners (patients and informal caregivers, provincial health authorities, academic health centres, charities, philanthropic organizations, private sector, etc.) dedicated to the integration of research into care. Patient-oriented research refers to a continuum of research that engages patients as partners, focusses on patient-identified priorities and improves patient outcomes. This research, conducted by multidisciplinary teams in partnership with relevant stakeholders, aims to apply the knowledge generated to improve healthcare systems and practices. Clinical trials are one of the elements of SPOR that responds to its goals to strengthen organizational, regulatory and financial support for clinical studies in Canada, and enhance patient and clinician engagement in research. Under this element, the Innovative Clinical Trials (iCT) initiative aims to build capacity and increase the intensity of iCT research. iCTs use designs that are alternative to traditional Randomized Controlled Trials (RCT) with application in areas ranging from product development to health system improvement. iCT methods can reduce the cost of conducting trials, reduce the amount of time needed to answer research questions, and increase the relevance of research findings to patients, health care providers and/or policy makers. Adopting these alternative designs can maximize the use of existing knowledge and data.

Funding Details: The total amount available for this funding opportunity is $1,000,000, enough to fund approximately ten (10) grants. The maximum amount per grant is $100,000 for up to one year.

Additional Details
Internal HRS Deadline: October 31, 2018
Sponsor Deadline: November 14, 2018

CIHR - IPPH Trailblazer Award
The CIHR-IPPH Trailblazer Award is expected to:
• Recognize the exemplary efforts and activities of exceptional Canadian researchers at different career stages who have created a highly influential body of work that has had a substantial impact on the field of population and public health research and its use in policy and/or practice in Canada and/or internationally. This award will identify trailblazers in public health based on the following criteria:
  1. Level of impact and experience in Canada and/or internationally in one or more of the relevant research areas in population and public health research.
  2. Level of influence on policy and/or practice in Canada and/or internationally in one or more of the relevant research areas in population and public health research.
3. Extent of achievements in Canada and/or internationally in the areas of leadership, mentorship, and capacity building at the individual or institutional level in the area of population and public health research.

**Funding Details:** The total amount available for this funding opportunity is $37,500, enough to fund approximately three awards. The maximum amount per award is $10,000 plus an additional $2,500 for travel and accommodation for an event organized by CIHR.

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

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**CIHR – Operating Grant: Geroscience Demonstration Grants**

The Geroscience Demonstration Grants are expected to:

- Accelerate, catalyze, and build capacity for research on the early prevention of chronic diseases in aging using a geroscience approach
- Support the creation of new knowledge to improve our understanding of the relationship between mechanisms in the biological processes of aging and the development of one or several chronic conditions (e.g., diabetes, cancer, neurodegenerative diseases, arthritis, cardio-respiratory diseases)
- Support research using a geroscience approach that could lead to potential clinical impacts.

**Funding Details:** The total amount available for this funding opportunity is $3,600,000, enough to fund approximately 8 grants. The maximum amount per grant is $150,000 per year for up to 3 years for a total of $450,000 per grant. This amount may increase if additional funding partners participate.

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

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**CIHR – Master’s Award: Frederick Banting and Charles Best Canada Graduate Scholarships**

The specific objective of the Government of Canada’s Canada Graduate Scholarships program is to help ensure a reliable supply of highly qualified personnel to meet the needs of Canada's knowledge economy. The Canada Graduate Scholarships Master's Awards are intended to provide special recognition and support to students who are pursuing a Master's degree in a health related field at a Canadian institution. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

**Funding Details:** The total amount available for this funding opportunity is $7M, enough to fund approximately 400 awards. Trainee stipend: $17,500 for 12 months, non-renewable.

**Additional Details**
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: December 3, 2018

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

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

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

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

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

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

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

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

CIHR – Team Grant: Transitions in Care
The TiC team grants are expected to:

- Produce results that are applicable, adaptable and ready for equitable spread and scale by a health provider through implementation research that is relevant to patients, communities, and decision-makers;
- Improve health outcomes, patient experience, effectiveness, and lower the cost of care within two (2) or more of the TiC focus areas through identifying, evaluating and implementing evidence-based and/or effective solutions, including eHealth solutions;
- Build novel multi-disciplinary and trans-disciplinary collaborations and partnerships with individuals and organizations in Canada that have interest in transformative research in care transitions by promoting engagement, recognition and respect for health research expertise across an array of health disciplines, research pillars, and industry;
- Build and promote relevant transitions in care research capacity, including training and early career development, by supporting teams that actively engage established researchers, early career investigators, trainees, and knowledge-users.

Funding Details: The total CIHR amount available for this funding opportunity is $9.6 million enough to fund approximately ten (10) grants. This amount may increase if additional funding partners participate.

Additional Details
Internal HRS Deadline: January 10, 2019
Sponsor Deadline: January 24, 2019

CIHR – Team Grant: Food Security and Climate Change in the Canadian North
The Food Security and Climate Change in the Canadian North Initiative funding opportunity is expected to:

- Create new knowledge about the magnitude and health effects of climate change on food security in the Canadian North and Northern Indigenous populations by incorporating Indigenous knowledge and land-based experience regarding traditional/ country food sources.
- Identify effective approaches, programs and policy to address food insecurity in the North through implementation science.
- Build capacity for multidisciplinary research in the area of food security and climate change in the Canadian North that has strong and meaningful engagement with Indigenous communities and organizations.

**Funding Details:** The total amount available for this funding opportunity is $3.12 million. This amount may increase if additional funding partners participate.

### Additional Details

- **LOI Deadline:** October 25, 2018
- **Internal HRS Deadline:** March 20, 2019
- **Sponsor Deadline:** April 3, 2019

## CIHR – Team Grant: Human Immunology Initiative: Research Teams

The Human Immunology Research Teams are expected to:

- Generate new scientific knowledge that will advance our understanding of human immunology as it relates to autoimmune diseases, with appropriate consideration of sex-related mechanisms, in order to improve the health of Canadians living with autoimmune diseases.
- Leverage the Standardization Core by encouraging collaboration with the Core and utilization of the Core’s research methodologies where possible.
- Develop and strengthen research capacity by providing training opportunities to the next generation of human immunology researchers in the field of autoimmune diseases.

**Funding Details:** The total amount available for this funding opportunity is $6,560,000 (not including Additional Partner Funding). This amount may increase if additional funding partners participate.

### Additional Details

- **LOI Deadline:** October 16, 2018
- **Internal HRS Deadline:** May 21, 2019
- **Sponsor Deadline:** June 4, 2019

## CIHR – Team Grant: Canadian Microbiome Initiative 2: Research Teams

The objectives of the Canadian Microbiome Initiative 2 Research Teams funding opportunity are to:

- Create knowledge through translational research on the causational links between microbiome and human health and disease, with consideration of sex as a biological variable and gender as a social determinant of health.
- Encourage interdisciplinary collaborations and foster Canadian expertise in microbiome and human health and disease to build synergies, and facilitate the sharing of data and resources.
- Build upon and further the platforms and services provided by the CMI2 Research Core to build synergies, facilitate the sharing of data and resources and facilitate knowledge translation.

**Funding Details:** The total amount available for this funding opportunity is $14,350,000 (not including Supplementary Partner Funding). This amount may increase if additional funding partners participate.

### Additional Details

- **LOI Deadline:** November 20, 2018
- **Internal HRS Deadline:** September 10, 2019
- **Sponsor Deadline:** September 24, 2019

## Hamilton Health Sciences JHCCF Grants Fall 2018

Staff at Juravinski Hospital and Cancer Centre are invited to submit grant applications to The Foundation for funding support in the areas of Research and Education. Juravinski Hospital and Cancer Centre Foundation’s (JHCCF) main purpose is to champion and advance the vision and mandate of the Juravinski Cancer Program (JCP). Through the generosity of our donors, we fund capital redevelopment projects, purchase medical equipment and technology, and invest in research and the professional development of our staff. As part of its commitment to research, the Foundation sponsors a Research Grant Program that awards funding through a rigorous peer reviewed application process, once or twice yearly.

**Funding Details:** Total Research Funds Available - $310,600
**Cystic Fibrosis Canada: 2018 Targeted Research Competition**

The objective of the Targeted Research Competition is to support research focused on the following two priority areas, and knowledge gaps within these areas:

- **Screening, monitoring, and management of cystic fibrosis-related diabetes (CFRD) with the goal of reducing the burden of care. Areas of focus:**
  - Development of more efficient and patient-friendly screening tools;
  - Development or adaptation of new, less invasive therapies to treat CFRD.

- **Gastrointestinal symptomatology Areas of focus:**
  - Development of a validated tool to reliably quantify gastrointestinal pain and symptoms;
  - Address the etiology of gastrointestinal pain and symptoms, including the validation of biomarkers of gut health or gastrointestinal quality of life.

**Funding Details:** $100,000 per year for 2 years.

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**Canadian Orthopaedic Foundation: Canadian Orthopaedic Research Legacy (CORL) Grant**

In this proposal, applicants are expected to provide a systematic, logical description of the project or line of research, which demonstrates familiarity with the subject matter and a carefully formulated plan of implementation. The rationale, the project plan, the methods and procedures to be used, the mode of analysis to be employed should be clearly outlined. In general terms, the proposal describes the work, proceeding from general theoretical considerations to the specific project, culminating in a budget. The budget qualifies the work in terms of personnel, materials, services or other requirements.

**Funding Details:** Awards are in the amount of $20,000.

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**Canadian Orthopaedic Foundation: J. Edouard Samson Award**

The premier award for orthopaedic research in Canada, the J. Édouard Samson Award, recognizes the best career orthopaedic research over a period of five (5) years or more at a Canadian centre. This $30,000 award is intended to promote further research by the recipient. The recipient will present his/her research at the Annual General Meeting of the Canadian Orthopaedic Association (presentation opportunity to be determined). The award consists of an educational grant and a personal research grant to be used by the recipient at the Canadian institution where he/she currently resides. This award is decided based on review and recommendation by the Canadian Orthopaedic Foundation’s Research Committee to the Canadian Orthopaedic Foundation’s Board of Directors.

**Funding Details:** $30,000 over a period of 5 years or more

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**Hamilton Health Sciences Health Professional Investigator Operating Grant**

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 mid-career investigators under the mentorship of experienced researchers.

**Additional Details**

HRS Deadline: N/A
Sponsor Deadline: October 31, 2018

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**Escher Fund for Autism: Investigation of F2 Neurodevelopmental outcomes of F0 pregnancy or F1 Neonatal General Anesthesia**

The study by Ju et al, *Role of epigenetic mechanisms in transmitting the effects of neonatal sevoflurane exposure to the next generation of male, but not female, rats,* found neonatal exposure to sevoflurane can affect the next generation of males via germline mediated epigenetic mechanisms, while females were at diminished risk. The study is not the first animal model to observe a next-generation effect of GA. In 1981, Chalon et al found learning retardation in offspring of murine parents exposed to GA in utero—in other words, mental impairment in the grandpups of the exposed gestating dams. See *Exposure to halothane and enflurane affects learning function of murine progeny.* And in 1984 the same lab noted that alterations to reproductive cells of adult male mice via the GA agent enflurane adversely affected learning function of their offspring.

**Funding Details:** $25,000

**Additional Details**

LOI Deadline: October 31, 2018
HRS Deadline: N/A
Sponsor Deadline: TBD

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**Postdoctoral Funding Opportunity – 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.

**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 January 1, 2018, 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.

**Expectations**

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.

**Further Information**

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

**Funding Details:** 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.

**Additional Details**

HRS Deadline: N/A
Sponsor Deadline: November 1, 2018

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**Alzheimer’s Drug Discovery Foundation: Core Requests for Proposals**

The ADDF offers funding to researchers in both nonprofit and for-profit organizations for drug discovery, clinical trials, and biomarker development. Visit their Research Priorities for specific information about our interests. The majority of funding is provided through four Core Requests for Proposals (RFPs). Letters of intent are accepted and reviewed on a rolling basis during four cycles each year,
with corresponding deadlines for invited full proposals. Check back throughout the year for additional funding opportunities through their collaborations with non-profit, government, and industry partners.

Funding Details:

- **Program to Accelerate Clinical Trials (PACT) RFP** – Up to $3 million based on stage and scope of research. For studies requiring additional support, co-funding from other funding agencies or investors is encouraged.

- **Biomarkers Development RFP** - $150,000-$300,000 based on stage and scope of research for 1 -2 years with potential for follow-on funding. For studies requiring additional support, co-funding from other funding agencies or investors is encouraged.

- **Prevention Beyond the Pipeline RFP** - $50,000-$100,000 for epidemiological analyses based on scope of research. Up to $3 million based on stage and scope of research. For studies requiring additional support, co-funding from other funding agencies or investors is encouraged. One year for epidemiological analyses. Varies (multi-year) for clinical trials.

- **Drug Discovery RFP** - $150,000-$600,000 based on stage and scope of research. For studies requiring additional support, co-funding from other funding agencies or investors is encouraged. One year with potential for follow-on funding. Multi-year proposals can be considered.

### Alzheimer Society Research Program (ASRP) 2019 Competition

The Alzheimer Society Research Program (ASRP) is a successful collaborative initiative of our Federation, within which all the provincial Alzheimer Societies, the Alzheimer Society of Canada (ASC), partners and donors pull together to support research directed at both eradicating dementia and ameliorating the lives of those affected by it. The ASRP provides grants and awards to support Canadian studies that promise new insights into causes, prevention, diagnosis, treatment and management of Alzheimer’s disease and other dementias.

**Awards**

- Doctoral Awards provide an opportunity for promising individuals, pursuing a PhD, to begin the process of becoming future independent investigators in the field of Alzheimer’s disease and other dementias.

- Postdoctoral Awards are for graduates with a PhD or MD who wish to gain additional research experience within an established research environment.

**Grants**

- New Investigator Grants are designed to help launch the careers of outstanding researchers who are within the first 2 years of their initial academic appointment.

- Regular Grants are designed to fund established researchers.

**Funding Details:**

- **Doctoral** - $22,000 per year for 3 years.

- **Postdoctoral** - $41,500 per year(PhD) or $51,500 per year(MD) for 2 years.

- **New Investigator Grant** - $75,000 per year for 3 years.

- **Research Grant** - $75,000 per year for 2 years.

### BrightFocus Foundation – Standard Grants: National Glaucoma Research (NGR) Standard Award

The objective of this award is to provide significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies.

**Funding Details:** $200,000 over 2 years
Bill & Melinda Gates Foundation: Grand Challenges Explorations

The Bill & Melinda Gates Foundation is inviting proposals for the latest round of the Grand Challenges Explorations initiative. Applications on the following six topics will be accepted until Wednesday, November 14, 2018 11:30 am PST:

- Increasing Demand for Vaccination Services
- New Approaches for Manufacturing Gut Microbial Biotherapeutics
- Innovation for WASH in Urban Settings
- New Approaches for Strategic Prioritization of Agricultural Development Policies
- Tools and Technologies for Broad-Scale Pest and Disease Surveillance of Crop Plants in Low-Income Countries
- Innovations Driving Programmatic Performance in Immunization: Service Experience and Data Use + Measurement

We also invite all who have applied to Grand Challenges Explorations over its 10-year history to fill out a short survey. This survey was sent to you on August 2 from our research partner, the National Business Research Institute (NBRI). Thank you to the over 5,000 who have already responded. We will be resending the survey to those who have not yet responded. We hope to learn as comprehensively as possible what direct and indirect impact the initiative has had, whether the proposal was funded by the Gates Foundation or not—and we expect to identify ways we can improve this way of seeking and funding great ideas from all over the world.

Funding Details: Initial grants are for USD $100,000 and successful projects are eligible to receive follow-on funding of up to USD $1 million.

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

Collaborative Housing Research Network Initiative

A new SSHRC/CMHC joint initiative is now available for PDG applicants. SSHRC and CMHC are partnering to fund research related to housing in order to help set the stage for the creation of a Collaborative Housing Research Network. Research projects undertaken by teams composed of academics, as well as non-academics, will focus on 5 priority areas that were determined by CMHC:

- Housing for those in greatest need
- Community Housing Sustainability
- Northern Housing
- Sustainable Housing and Communities
- Balanced Supply of Housing

The first stage of this two-stage competition will be through the Partnership Development Grants competition. Successful applicants will be invited to submit a proposal at the second stage.

Funding Details: $75,000 to $200,000 1 to 3 years
Design and test new partnership approaches for research and/or related activities that may result in best practices/models that either can be adapted by others or have the potential to be scaled up to a regional, national, or international level.

**Funding Details:** $75,000 to $200,000 over 1-3 years

**Additional Details**
- **Draft Application Due to ROADS:** October 16, 2018
- **Final Application Due to ROADS:** November 8, 2018
- **Sponsor Deadline:** November 15, 2018

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

**Canadian Hemophilia Society (CHS) Research Programs: Dream of a Cure**

The CHS Dream of a Cure Research Program, through funds provided by the Hemophilia Research Million Dollar Club and the Canadian Hemophilia Society, supports research focused on improving the health and the quality of life of all people with inherited bleeding disorders and finding a cure. The Canadian Hemophilia Society invites applicants to apply for basic scientific research grants in fields relevant to hemophilia A and B, von Willebrand disease, rare factor deficiencies, platelet function disorders (and platelet pathophysiology) and other congenital and acquired bleeding disorders.

**Funding Details:** Individual grants valued at $75,000 per year and per project will be awarded to researchers for a maximum of $150,000 which can be expended over 2 or 3 years.

**Additional Details**
- **Internal HRS Deadline:** November 1, 2018
- **Sponsor Deadline:** November 15, 2018

**Canadian Hemophilia Society (CHS) Research Programs: Pfizer Care until Cure Research Program**

This program allows Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders, including outcome evaluation. Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrand disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder.

**Funding Details:** Individual grants valued at $75,000 per year will be awarded to researchers for a maximum of $150,000 which can be expended over 2 or 3 years.

**Additional Details**
- **Internal HRS Deadline:** November 1, 2018
- **Sponsor Deadline:** November 15, 2018

**Canadian Hemophilia Society (CHS) Research Programs: Novo Nordisk Psychosocial Research Program**

The Canadian Hemophilia Society – Novo Nordisk Canada Psychosocial Research Program was created to engage professionals/graduate students from the allied health disciplines (ie. Nursing, Physiotherapy & Social Work) in research activities addressed to understanding the psychosocial impact of hemophilia and other inherited bleeding disorders and to improve the quality of life of persons and families whose lives are affected by these disorders. The Research Grants are made possible thanks to generous financial support from Novo Nordisk Canada. Novo Nordisk develops, manufactures and markets products that make a significant difference to patients, the medical profession and society. Novo Nordisk has a leading position within areas such as coagulation disorders, growth disorders and hormone replacement therapy. In addition, Novo Nordisk is also the world leader in diabetes care. The CHS is proud to be in a partnership with Novo Nordisk in order to offer this important Research Program.

**Funding Details:** The primary intent of this program is to offer one or two $20,000 research grants, to a maximum of $40,000 for one year.

**Additional Details**
- **Internal HRS Deadline:** November 1, 2018
Sponsor Deadline: November 15, 2018

Hamilton Health Sciences Early Career Awards
The Hamilton Health Sciences Research Early Career Awards are research personnel stipends awarded annually. These Early Career Awards are to be used to help the applicant pursue research in their specialty area through either purchasing a portion of time for the applicant’s salary OR a portion of time for salaries of research personnel who are supervised by the applicant.

Funding Details: Funding will be allocated to support up to eight awards each year. The value of each award will be up to $50,000 annually. Benefits are not included. The duration of the award will be up to three years.

Additional Details
Internal HRS Deadline: N/A
Sponsor Deadline: November 15, 2018

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

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

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

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

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

Canadian Blood Services: BloodTechNet Award Program
The Objective: To support the development of innovative educational projects that network the Transfusion, Cellular Therapy and Transplantation communities in Canada. These projects deliver educational tools and resources that support the development of skills, knowledge, and expertise of the health professionals in this network. The Applicant must be a health professional belonging to the transfusion, cellular therapy and/or transplantation communities in Canada. The Program is targeted towards Medical Lab Technologists, Nurses, and Physicians.

Funding Details: Max of $50,000 for 1 year.

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

Canadian Blood Services: Kenneth J. Fyke Award
The objective: To support health services and policy research to promote the development of evidence-based Canadian practices and policies in blood transfusion, blood stem cell transplantation, organ and tissue transplantation for the benefit of Canadian patients.

Funding Details: Max of $100,000 for 1 year.
**Quebec Consortium for Drug Discovery (CQDM): Quantum Leap**

The objective of the Quantum Leap funding opportunity is to 1) support innovative, translational biopharmaceutical research projects, 2) enable technologies, innovative platforms and/or innovative therapies, 3) fund projects that a) focus on developing cutting-edge technologies with the potential to significantly advance the R&D activities of CQDM’s pharmaceutical members, and b) have potential to significantly improve, facilitate and/or accelerate the drug discovery process, and the development of safer and more effective drugs. The technologies of interest can be at any stage of the drug development process and involve a wide range of therapeutic indications. Projects are associated with specific deliverables and must be ready for use by CQDM pharmaceutical members upon completion.

**Funding Details:** $500,000 - $1,200,000 over 1-3 years.

**WestGrid: Visualize This! Challenge**

Visualize This! Challenge is a Canada-wide competition that aims to celebrate the innovative ways visualization can help researchers explore datasets and answer important scientific questions. Visualize This! provides an opportunity to challenge your creativity, experiment with new visualization tools, and contribute to the growth of data visualization in Canada. This year the challenge is comprised of two separate competitions:

- Scientific visualization challenge based on a molecular dynamics simulation dataset, and
- Humanities visualization challenge based on the Orlando British Women’s Writing Dataset.

Both datasets will be made available on the competition webpage, and participants may download any time after October 1, 2018. Submissions will be reviewed by members of the Compute Canada Visualization Team. Points will be given for: Interactive visualizations; visualizing the 3D multi-scale nature of the data; Online presentation in a browser; and clear innovative display of multiple variables. Participants from all research fields are encouraged to enter.

**Prize Details:**

- High-capacity external SSD drives
- Free registration and subsidized travel to a WestGrid 2019 Research Computing Summer School
- Your visualization showcased on the websites of Compute Canada, WestGrid, Compute Ontario, Calcul Québec, and ACENET.
- Opportunity to present to the research community at an upcoming Compute Canada/WestGrid event

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

Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. Please note that Partnership Engage Grants cannot respond exclusively to the objectives of the Connection program. They provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.

**Funding Details:** Partnership Engage Grants are valued at $7,000 to $25,000 over one year.

**Additional Details**

- Notify ROADS of Intent to Apply: October 17, 2018
- Draft Application Due to ROADS: November 26, 2018
- Final Application Due to ROADS: December 10, 2018
Alex’s Lemonade Stand Foundation: Young Investigator Grants

The Young Investigator grant is a 3-year award designed to support scientists in the early stages of their research careers, such as postdoctoral or clinical fellows. Outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application.

**Funding Details:** $50,000 annually for three years.

Alex’s Lemonade Stand Foundation: Epidemiology Grants

These awards will support investigators pursuing research studies in human populations using epidemiological approaches aimed at improving our understanding of childhood cancer. This grant mechanism is designed to support hypothesis-driven research that focuses on the epidemiology, early detection and prevention of childhood cancer or comparative effectiveness and outcomes research related to detection, prevention, and treatment.

**Funding Details:** $100,000 annually for two years.

Age-Well Core Research Program 2020-2025

AGE-WELL will provide significant funding for 3 to 5 years to projects that:

- Are driven by real-world problems and challenge areas
- Address specific areas of interest to AGE-WELL and its partners and stakeholders
- Focus on innovative technology-based solutions to support older adults and caregivers
- Are user-centred, involving end-users and stakeholders in all stages of the research
- Deliver not only the technology but the practice, policy, and service delivery models that are needed for the solution to be effective
- Use a transdisciplinary approach
- Have the potential to lead to economic and social impact
- Help AGE-WELL to achieve its mission

Successful applications will also receive a one-year Catalyst Grant, starting April 1, 2019, so that these selected projects can continue to develop their plans. AGE-WELL has partnered with Mitacs and MEDTEQ to provide additional funding as part of this RFP. Additional partners and collaborators may join this funding initiative over the coming months.

**Funding Details:** The maximum investment per Core Research Project is $200,000 per year (commencing April 1, 2020) for a minimum of 3 to a maximum of 5 years, for a maximum of $1,000,000 per grant.

Prostate Cancer Canada and the Movember Foundation: Discovery Grants

The objective of the Discovery Grant is to support novel and innovative prostate cancer research that will lead to new lines of investigation. The grant is designed to:

- Allow both junior and more established investigators to pursue new avenues of exploration;
- Allow applications from all areas of prostate cancer research;
- Fund applications that will have been evaluated by a rigorous peer-review process that assessed a) innovation, b) track record of investigator team, c) methodology and feasibility of the proposed work, d) potential impact on prostate cancer.
The research project may address any of the broad areas of prostate cancer research including but not limited to biomedical, clinical, population health, and health services/economics.

**Funding Details:** Max of $100,000 over a max of two years.

**Additional Details**
**LOI Deadline:** November 30, 2018  
**Internal HRS Deadline:** January 3, 2019  
**Sponsor Deadline:** January 17, 2019

### Ontario-Jiangsu Industrial Research and Development Program (OJIRDP)

The Ontario-Jiangsu Industrial Research and Development Program (OJIRDP) supports joint industrial R&D projects focusing on the development of products or processes that will lead to commercialization in global markets. A partnership of the Jiangsu Science and Technology Department (JSTD) and the Ontario Ministry of Economic Development, Job Creation and Trade (MEDJCT), OJIRDP supports projects leading to commercial success and socio-economic benefits for both jurisdictions.

**Funding Details:** OCE will support up to 50 per cent of the total eligible direct research costs, to a maximum of $125,000 CAD per project (for academic applicants) or $150,000 CAD per project (for company applicants) for the Ontario portion of the project. JSTD will support up to 50 per cent of the total eligible direct research costs, to a maximum of ¥1 million RMB per project, for the Jiangsu portion of the project.

**Additional Details**
**LOI Deadline:** November 13, 2018  
**Internal HRS Deadline:** TBD  
**Sponsor Deadline:** February, 2019

### Alzheimer’s Drug Discovery Foundation: The Treat FTD Fund

Launched in 2016, the Treat FTD Fund is a joint effort by the Alzheimer’s Drug Discovery Foundation (ADDF) and the Association for Frontotemporal Degeneration (AFTD) to support clinical development of novel or repurposed drugs for FTD disorders. Running clinical trials in FTD patients will enable investigators to identify optimal approaches to targeting this unique patient population. In addition, trials supported by the Treat FTD Fund will complement efforts such as the FTD Biomarkers Initiative and the Accelerating Drug Discovery for FTD program by employing emergent advances in biomarker development and preclinical research.

**Funding Details:** $500,000-$2,000,000 for 1-3 years with potential for follow-on funding. Leveraging other sources of funding is encouraged.

**Additional Details**
**LOI Deadline:** November 9, 2018  
**Internal HRS Deadline:** February 1, 2019  
**Sponsor Deadline:** February 15, 2019

### Alex’s Lemonade Stand Foundation: Innovation Grants

Alex’s Lemonade Stand Foundation (ALSF) evolved from the front yard lemonade stand of cancer patient Alexandra “Alex” Scott (1996-2004) into a national fundraising movement to find a cure for all childhood cancers. We are dedicated to filling critical funding gaps in pediatric oncology investigation, especially research into new treatments and cures. The Innovation Grant is designed to provide critical and significant seed funding for experienced investigators with a novel and promising approach to finding causes and cures for childhood cancers. Proposals should have clinical translation in view.

**Funding Details:** $125,000 annually for 2 years.

**Additional Details**
**LOI Deadline:** November 1, 2018  
**Internal HRS Deadline:** March 25, 2019  
**Sponsor Deadline:** April 8, 2019
Weston Brain Institute Rapid Response
Rapid Response: Canada 2019, the objective:
1) to support Alzheimer’s and related diseases:
   - Frontotemporal dementia
   - Mild cognitive impairment
   - Vascular contributions and prodromes (to the above), and
2) to provide seed funding for novel, high-risk, high-reward translational research projects.

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

Additional Details
LOI Deadline: December 3, 2018

Weston Brain Institute Transformational Research
Transformational Research: Canada 2019, the objective:
1) to support Alzheimer’s and related diseases:
   - Frontotemporal dementia
   - Mild cognitive impairment
   - Vascular contributions and prodromes (to the above), and
2) to support transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

Funding Details: A max of 1,500,000 over a max of 3 years.

Additional Details
LOI Deadline: December 3, 2018

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

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

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

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

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

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

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

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

Additional Details
Sponsor Deadline: Ongoing

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

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

Additional Details
Sponsor Deadline: Ongoing

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

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

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

Additional Details
Sponsor Deadline: Ongoing

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

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

Additional Details
Sponsor Deadline: October 12, 2019
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*
OCE Voucher for Innovation and Productivity II (VIP II) Program

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

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

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

MITACS Accelerate Program

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

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

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

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

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

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

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

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

Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018

The GWIRP focuses on funding innovative, competitively peer-reviewed research to (1) provide a better understanding of the pathobiology underlying GWI, (2) identify objective markers (biomarkers) for improved diagnosis, and (3) to develop treatments for the complex of GWI symptoms and their underlying causes. Their Vision is to make a significant impact on GWI and improve the health and lives of affected Veterans and their families.
Funding Details:

- **New Investigator Award** - The maximum allowable funding for the entire period of performance is $500,000 for direct costs. The maximum period of performance is 3 years. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

Additional Details
LOI Deadline: October 18, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 25, 2018
Sponsor Deadline: November 8, 2018

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

The BCRP challenges the scientific community to design research that will address the urgency of ending breast cancer. Specifically, the BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations.

Funding Details:

- **Breakthrough Award Levels 1 and 2 II:**
  - Funding Level 1 – Maximum funding of $375,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - Funding Level 1 with Partnering PI Option – Maximum funding of $600,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - Funding Level 2 – Maximum funding of $750,000 for direct costs (plus indirect costs) The maximum period of performance is 3 years.
  - Funding Level 2 with Partnering PI Option - Maximum funding of $1 million (M) for direct costs (plus indirect costs). The maximum period of performance is 3 years.

Additional Details
LOI Deadline: November 1, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 8, 2018
Sponsor Deadline: November 15, 2018

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

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

Funding Details:

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

Additional Details
LOI Deadline: November 14, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 21, 2018
Sponsor Deadline: December 5, 2018

**Department of Defense Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) Funding Opportunities for Fiscal Year 2018**

The Psychological Health and Traumatic Brain Injury Research Program (PH/TBIRP) was established by Congress in FY07 in response to the devastating impact of TBI and PH issues, including post-traumatic stress disorder (PTSD), on our deployed Service members in Iraq and Afghanistan. Appropriations totaling $300M—$150M each for TBI and PH (including PTSD)—were assigned to the CDMRP.
for the purpose of soliciting and managing critical TBI- and PH-related research and development efforts to benefit Service members, veterans, and other beneficiaries of the military health system.

**Funding Details:**

- **Joint DoD and VA Long-term Impact of Military-relevant Brain Injury Consortium (LIMBIC)** - Maximum allowable costs (direct and indirect) are $25M via the DoD. Up to an additional $5M per year for 5 years will be provided by the VA to VA sites, depending on availability of funds. Maximum period of performance is 5 years.

**Additional Details**

**LOI Deadline:** October 8, 2018  
**Internal HRS Deadline:** December 17, 2018  
**Sponsor Deadline:** January 7, 2019