Dear colleagues,

Please find below this week’s updates:

- **2017 T4s** are now available. Please use the following instructions to obtain yours. Most faculty will have two T4’s and will need to print both for tax purposes; one T4 will be for University paid base salary and the second will be for University paid stipends.

  Log in to Mosaic
  Click Mosaic Home and choose Employee Self Service
  A tile “View T4/T4A slips” will be available
  Click on the Year end slip to obtain T4

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

- Please join us for the first “**McMaster Department of Medicine Day**”, this year at the Royal Ontario Museum (ROM) on Saturday, May 5, 2018. This is a family friendly event for Departmental faculty and staff and will feature special presentations from ROM curators, David Evans and Doug Currie, that are arranged as exclusive benefits for our Department. Your admission price will include presentations, lunch and time to explore other various exhibits the museum has to offer. **To save 20% off regular admission rates, purchase your tickets online at [www.rom.on.ca](http://www.rom.on.ca) and use the promo code: MCMASTER. If you plan to attend using your ROM membership, please notify Sara Sellers at sellers@mcmaster.ca** Space is limited and we are hoping for a great turnout of faculty and staff. Further details are attached.

- **Rheumtutor.com** was developed in response to the observed and expressed needs of learners at varied stages of medical training. These include medical students, residents, rheumatology fellows and allied health professionals. You are encouraged to explore an excellent resource which was developed by our own Dr. Raj Carmona, Associate Professor, Division of Rheumatology.

- On behalf of the Office of the Provost & Vice-President (Academic), Please find attached the invitation for an **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 online at [http://cll.mcmaster.ca/provostworkshops/index.html](http://cll.mcmaster.ca/provostworkshops/index.html) Any questions may be directed to Jennifer Caruk at carukj@mcmaster.ca**

• The Office of the Vice-Provost, Faculty and Mitacs invites faculty to **My Pitch: Building Research Collaborations Workshop** in University Hall (UH) 211 on Monday, March 19 at 3:00 pm to 4:30 pm or Thursday, March 29 at 1:00 pm to 2:30 pm. Successful researchers explore and build partnerships across many sectors with the goal of developing broad-based, collaborative relationships to advance industry and social innovation and their research. Developing and delivering a compelling pitch is a key element in initiating these partnerships. Mitacs’ Director of Strategic Accounts and Business Development, Rebecca Bourque, will lead this hands-on session to guide you, the researcher, in developing the research-specific story that you would pitch to a prospective partner. Once you have created your narrative, you will practice your pitch, receiving constructive comments to help refine your message and delivery.

To ensure everyone receives one-on-one consultation throughout the workshop, these sessions will be limited to 12 participants. Please note: participants must arrive to the workshop with their identified potential partner in mind. If you are interested in attending, please register at: [My Pitch](#).

• Please find attached the February 10 **CBME Newsletter**.

• On behalf of Dr. Anne Wong, Assistant Dean, Program for Faculty Development, Faculty of Health Sciences, they will be hosting their **11th Annual Day in Faculty Development** on Wednesday, May 9, 2018 at 12:00 to 6:00 p.m. (approx.) in the David Braley Health Sciences Centre, 100 Main St. W. (corner of Main & Bay). Attached is the Call for Submission for those interested in participating, either with a poster/info. display or oral presentation. You are invited to share this email with your colleagues and encourage them to consider a submission and complete the attached form and return it to Elda DiCroce [dicroce@mcmaster.ca](mailto:dicroce@mcmaster.ca) by April 1, 2018.

The theme for the day is "The Next BIG Thing in Health Sciences Education" and will include the "Interprofessional Innovations Fair" to be held in the 2nd floor area, David Braley Health Sciences Centre, 100 Main St. W., Hamilton. From 12:00 p.m. to 1:00 p.m., Short Sessions, from approx. 1:00 p.m. to 2:30 p.m., Oral Presentations from 2:45 p.m. to 4:00 p.m., Recognition of faculty who have achieved Pathways levels from 4:00 p.m. to 4:30 p.m. and the WONG Forum in Medicine (4:30 to 5:30 p.m.), with reception following.


• On behalf of Dr. Matt Sibbald, Director of the **Centre for Simulation-Based Learning**, please find attached posters for two upcoming events. The first is their ACLS course taking place on March 17-18, June 16-17 and July 14-15. Registration information is available on the poster. The second is information for those interested in being a MCCQEII Examiner. Application information can be found on the poster.

• The UGME Program is in need of physicians to act as examiners for the HAMILTON CAMPUS MD Program Third-Year OSCE Class of 2018.

  **Date:** Tuesday April 10, 2018  
  **Time:** 5pm to 11pm (orientation 5:00-6:00pm / OSCE exercise 6:00-11:00pm)
Register for the April 10, 2018 OSCE

Now in its 5th year, the FACIT Falcons' Fortunes pitch competition – based on the popular TV series Dragons’ Den – invites six Ontario-based entrepreneurial researchers working in the oncology space to pitch their innovative research idea to a panel of investors. FACIT offers $50,000 in funding from its Prospects Oncology Fund for the pitch presentation that best convinces the investor panel on the value of the idea and/or technology, the use of proceeds, and ability to respond to investor questions. The pitch competition is open to all of Ontario, and accordingly, significant interest from all over the province was received, from academics and industry alike.

The 5th annual Falcons’ Fortunes event will be held at Vantage Venues (150 King Street West, Toronto) on Wednesday, April 11th, 2018 from 3:00 – 5:45 pm, followed by a reception from 5:45 – 7:30 pm. We would like to invite you to be a part of the audience, as well as attend the reception following the pitch competition. Please register by Wednesday, April 4th, 2018 by clicking this link. Seating is limited, so please reserve your spot now.

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

When applying for grant funding, HRS will utilize the new shorter version of our HRS Checklist. A new HRS Checklist will need to be submitted whenever you are applying for a grant. Should your application be funded, a companion form to the HRS Checklist - the Research Account Request Form will need to be completed and submitted to HRS. We anticipate that this will assist in promoting both a quicker application process and smoother account opening requests. If you are uncertain about how to use/complete these new forms please contact HRS by emailing hsresadm@mcmaster.ca or contacting your Senior Grants Advisor.

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

On behalf of Dr. William Orovan, Associate Dean, Clinical Services and Commercial Enterprises, the Canadian Medical Hall of Fame Discovery Days described in the attached announcement are an important effort to introduce high school students to a potential career in medicine. Please consider volunteering to take part in one of the described activities.

On behalf of the Office of the Vice-Provost, Faculty, New Faculty are invited to the Building a Successful Team workshop on Friday, March 16 2018 in University Club, West Room at 3pm to 5pm. You’ve worked hard writing that grant and it’s been announced that you’ll be awarded funding for your project. Now what? How do you build the team, and the lab, to ensure you and your team’s continued research success? Securing research funds would be the biggest step to building a distinguished lab, though it also requires the ‘right’ people (researchers, graduate students, Postdocs, administrators) to plan, build and operate. Hear from colleagues regarding their approach to tackling this challenge, from starting out as a young scholar to today and uncover best practices for selecting your team of graduate students. The speakers will provide
advice i.e. available internal resources, leadership, what to do when things aren’t working, in an effort to help you build and keep your team motivated and on track.

If you are interested in attending, please register at: Building a Successful Team

Presenters:
Fred Capretta, Associate Director-Biointerfaces institute and Associate Professor-Chemistry
Elena Verdu, Associate Professor-Medicine
Willi Wiesner, Associate Professor-Human Resources and Management

- Please find attached the February 23 and March 2 issues of the HRS Funding Opportunities Bulletin
- Please find attached March 2 issue of the ROADS Funding Opportunities Bulletin
- Please join us at Grand Rounds next week on March 8, 2018 at 8:00 am. Medical Grand Rounds-SJH will be hosting Dr. Gordon Guyatt in the Miller Amphitheatre, SJH who will be speaking on A possible revolution in clinical practice guidelines. Further information on this event, and many others taking place in the Department, can be found in the ETA Calendar.

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

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

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

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

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

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

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

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

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

Co-chairs of the Organizing Committee

Akbar Panju
MB ChB FRCP(C)
FRCP(Edin)
FRCP(Glasg) FACP

Mark Crowther
MD MSc FRCPC

Piotr Gajewski
MD PhD FACP

Paul O’Byrne
MB FRCPC(C) FRSC

Honorary Chair

Piotr Gajewski
MD PhD FACP

Mark Crowther
MD MSc FRCPC

Piotr Gajewski
MD PhD FACP

Paul O’Byrne
MB FRCPC(C) FRSC
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 March 7, 2018**  
Time:  **9:30 a.m. – 11:30 a.m.**  
Location: **Council Chambers (Gilmour Hall 111)**

*Light refreshments will be served*

RSVP by Monday March 5, 2018 at [http://cll.mcmaster.ca/provostworkshops/index.html](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.
1. Will Entrustable Professional Activities (EPAs) be set prior to the Implementation of Competence by Design (CBD) in a new discipline?

- EPAs and related milestones will be set in advance of the implementation of CBD in a new discipline.

2. How many EPAs are developed per specialty?

- While there is no explicit limit to the number of EPAs that Specialty Committees should include in their Specialty Education Design, the PG Deans and the Royal College have discussed and documented that 30-40 EPAs for a five-year specialty is a target, with variations depending on the specialty.

- The focus of the EPAs is to provide clear expectations that are not too granular and can be managed by both the resident and the supervisors.
Submission Process:
All submissions must be received by:
5:00 p.m. on April 1, 2018 using the form on (page 2).

The primary contact for the submission will be informed of the decision by: April 20, 2018.

Each submission must include:

1. Title
2. Contributor(s) names, degree, title, department/school/program and contact information.
3. Type of submission: [ ] poster/display; [ ] oral presentation
4. Abstract summarizing the purpose, procedures, and outcomes of the proposed submission (Max.: 150 words).
5. Preferred format: [ ] poster/display-non-facilitated (May 9, 2018 - 12:00 – 1:25 p.m.) or [ ] oral presentation (5-10 minutes) (May 9, 2018 - 3:00 – 3:55 p.m.)
# Call for Submissions

**11th Annual DAY in FACULTY DEVELOPMENT •**

**May 9, 2018 • McMaster University, David Braley Health Sciences Centre (DBHSC)**

Please complete, save and return form via email, or print and send via regular mail, or fax. Thank You.

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<td>Oral Presentation – (5 min. presentation; 5 min. Q &amp; A)</td>
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**Submission Abstract:** (max. 150 words). **NOTE: by agreeing to present your submission, you also give permission to the Program for Faculty Development (PFD) to publish the submission information, if accepted, in promotional materials related to the event.**

Do you require:  
- ☐ electrical outlet (limited) - if using laptops, please ensure are fully charged  
- ☐ table (limited)  
- ☐ chairs (max: 2)  
- ☐ 1 display poster board (4’ x 8’ landscape orientation)

**NOTE: for Oral Presentation – will you be using a slide presentation?**  
- YES  
- NO

**Please send your submission by (April 1, 2018) to:**  
Elda DiCroce, DBHSC 5004, c/o McMaster University, 1280 Main St. W., Ham., ON L8S 4K1, or via email at dicroce@mcmaster.ca. Fax: (905) 528-6552 - Questions?: (905) 525-9140, x. 22954

**Poster Set Up:** May 9, 2018 (10:30 to 11:30 a.m.)  
**Poster Dismantle:** May 9, 2018 (1:30 to 2:00 p.m.)
ADDITIONAL CARDIOVASCULAR LIFE SUPPORT (ACLS) COURSE

Dates: March 17-18, 2018, June 16-17, 2018, July 14-15, 2018

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<td>Nurses &amp; Other Health Professionals</td>
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<td>Students</td>
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<td>Recert Residents/ Nurses/Students</td>
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Prices include HST

Course Co-requisites:
As per the Canadian Heart & Stroke Foundation, it is mandatory for all students who are enrolled in an ACLS Provider course to have taken the Heart & Stroke Foundation Basic Life Support (BLS) course within the past 12 months. Only Heart & Stroke BLS will be accepted.

A Heart & Stroke BLS course (approx. 2.5 hours) is offered immediately prior to start of ACLS course.

www.fhs.mcmaster.ca/conted/aclscardiovascular.html

VISIT OUR WEBSITE TO REGISTER

***Limited space is available!***
McMaster PGY1’s must register by phone

www.fhs.mcmaster.ca/conted/calendar.html

REGISTRATION INFORMATION
Melanie Kennedy, Registration Coordinator
Continuing Health Sciences Education, McMaster University
E: cmereg@mcmaster.ca • P: 905 525-9140 ext 22671

CANCELATION/REFUND POLICY:
Advanced Cardiacovascular Life Support reserves the right to cancel a course due to insufficient registration or any circumstances that are beyond our control.

Cancellations up to 3 weeks prior to the course will be refunded minus a 25% administrative fee. One transfer is permitted with a $100.00 fee at time of transfer.

No refunds will be made on any cancellations after this deadline.

No refunds for the following:
1. No-shows and cancellations in less than one (1) week before start of the course.
2. Registrants who attend but who have not completed the mandatory pre-work.
Interested in being a MCCQEII 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, CMQ, 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
The annual Canadian Medical Hall of Fame Discovery Day in Health Sciences, in partnership with Hamilton Health Sciences, McMaster University and St. Joseph’s Healthcare Hamilton, will be held on Wednesday, May 16. This outreach initiative gives area high school students the opportunity to explore careers in medicine and other sciences via a dynamic keynote lecture, interactive workshops and discussion with a panel of experts from various related fields. We are looking for enthusiastic individuals who are interested in helping build tomorrow’s leaders by hosting an engaging workshop or taking part in our “Health Pros Tell All” career panel discussion. Presenters/speakers can be faculty, graduate students, undergrads, clinicians, technicians, researchers, practitioners etc. Details including event day agenda, a sample of past workshops and this year’s workshop abstract/career panel forms, can be found at http://www.cdnmedhall.org/hhsc.

Please direct submissions/questions to Janice at the Canadian Medical Hall of Fame: jmcnorgan@cdnmedhall.org

SUBMISSION DEADLINE: Thursday, March 29
News & Events

*NEW* Event Invitation Centre for Aging + Brain Health Innovation Partnership Program Presentation for Researchers/Clinicians

The Centre for Aging + Brain Health Innovation’s (CABHI) mission is to accelerate the development, validation, commercialization, dissemination and adoption of innovative products, services and best practices to support brain health and aging. Its aim is to help improve quality of life for the aging population, allowing older adults to age safely in the setting of their choice while maintaining their well-being and independence for as long as possible. CABHI facilitates collaborations among innovators, healthcare providers, private sector partners, government and consumers. Specifically through its Researcher-Clinician Partners Program (RCP2), the Centre will support teams of clinicians and researchers collaborating to refine, test, validate and disseminate innovative solutions in real-world settings for solutions at an advanced stage of development with promising scalability. Organizations of successful applicants will receive up to $500,000 (CAD) for projects not to exceed 15 months in duration.

In advance of their upcoming call expected this Spring, you are invited to attend a presentation by John Mayer, Portfolio Manager, CABHI to learn more about this new Research Partnership Program (RCP2) funding opportunity as follows:

Date: Tuesday, February 27, 2018
Time: 10:00 – 11 am
Location: MDCL-2232

If you plan to attend this event, please RSVP by email to Bertha Monrose at: monrose@mcmaster.ca

OBIO Event in Toronto re: Accessing US National Institutes of Health (NIH) Funding

OBIO is partnering with NRC-IRAP’s Biomedical Sector Team on a workshop on how Canadian companies and researchers can access funding, directly or indirectly, from the US National Institutes of Health (NIH). Although less straightforward for Canadian companies than American, various pathways exist for Canadian companies to work with the NIH. The NIH is one of the largest investors in medical research and development and is currently sponsoring 160+ projects in Canada totaling more than $60M USD. NIH funding is vastly underutilized by Canadian companies.

When: Monday March 5, 2018
Time: 9:30 am – 11:30 am
Where: ONRamp 100 College St. Suite 158, Toronto ON
Registration

Additional Information

Webinars on the Project Grant: Spring 2018 Application

CIHR is holding a series of webinars on the Project Grant: Spring 2018 Application. These Question and Answer webinars are designed to complement the Project Grant: Spring 2018 Applicant Learning Module, which will be available on January 19th on the Learning for Applicants web page. Together, the module and webinars will give applicants an insightful understanding of the recent changes to the Project Grant competition and the application submission process.

The Project Grant: Spring 2018 webinars will be held between January 26th and February 28th. Register for a webinar now.
N2 and Health Canada Request for Feedback: Guidance Document Part C, Division 5 of the Food and Drug Regulations
“Drugs for Clinical Trials Involving Human Subjects”

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

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

This GUI-0100 guide is designed to make Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects” easier to understand. It is intended to:
- promote stakeholder compliance with Part C, Division 5
- promote consistency and quality in the conduct of Health Canada compliance activities
- provide interpretation of Part C, Division 5, and specifically in terms of its relationship to ICH E6(R2)

Health Canada is looking for comments on:
- The clarity and expectations on how to comply with Part C, Division 5, including the interpretation of ICH E6(R2) in the Canadian context

Health Canada is not looking for comments on:
- The wording or specific provisions of Part C, Division 5 of the Food and Drug Regulations
- The wording and provisions of ICH E6(R2)

TIMELINE
Feedback will be collected between December 15th, 2017 and April 15th, 2018.
As an N2 member, we encourage you to provide your feedback through the N2 mechanism to support Health Canada’s structured approach and to facilitate collation of the feedback.

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

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

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

Susanna Sellmann - N2 Quality Committee
Susanna.Sellmann@uhnresearch.ca
Tel: 416.946.4501 x3221

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

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<td>CIHR – Health System Impact Fellowship 2018</td>
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<td>CIHR – 2018 Women Heart and Brain Health (WHBH) Chair Awards</td>
<td>Feb 28</td>
<td>Apr 13</td>
<td>Apr 27</td>
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<td>CIHR – Team Grant: Research Network on Lyme Disease</td>
<td>Mar 6</td>
<td>May 23</td>
<td>Jun 6</td>
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<td>CIHR – Team Grant: Transnational Cardiovascular Research Projects</td>
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<td>CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform</td>
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<td>Jun 5</td>
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<tr>
<td>CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND) 2018</td>
<td>Mar 6</td>
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<td>CIHR – Team Grant: NEURON 2018 (Please consult the ERA NET NEURON website)</td>
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<td>Banting Research Foundation: Discovery Award</td>
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<td>Canada: Discovery Award</td>
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<td>The Kidney Foundation of Canada (KFOC) Allied Health Doctoral Fellowship</td>
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<td>Age-Well 2018 Catalyst Funding Program</td>
<td>Mar 9 to Mar 23</td>
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<tr>
<td><strong>NEW</strong> The Alton Ochsner Award Relating Smoking and Disease 2018</td>
<td>Mar 16 to Mar 31</td>
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<tr>
<td>Canadian Liver Foundation, Research Grant Competition: Operating Grants</td>
<td>Mar 16 to Mar 31</td>
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<tr>
<td>Canadian Urological Association Scholarship Fund (CUASF): Bladder Cancer</td>
<td>Mar 16 to Mar 31</td>
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<td>Canada Research Grant</td>
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<tr>
<td>Centre for Addiction and Mental Health (CAMH) Discovery Fund</td>
<td>Mar 16 to Apr 1</td>
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<tr>
<td>Michael G. DeGroote Fellowship Awards</td>
<td>N/A to Apr 2</td>
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<tr>
<td>Diabetes Canada 2018 Research Competitions</td>
<td>Mar 19 to Apr 2</td>
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<tr>
<td>HHS New Investigator Fund (NIF) 2018 Round 1</td>
<td>N/A to Apr 3</td>
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<tr>
<td><strong>NEW</strong> The Orphan Disease Centre 2018 CDKL5 Program of Excellence Grant</td>
<td>Mar 8 to Mar 23</td>
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<tr>
<td>Faculty of Health Sciences Education Innovation Fund</td>
<td>N/A to Apr 13</td>
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<tr>
<td>The University of British Columbia Faculty of Medicine Call for Nominations:</td>
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<tr>
<td>National Research Prizes</td>
<td>Apr 1 to Apr 15</td>
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<tr>
<td>Alzheimer’s Association (US) International Research Grant</td>
<td>Mar 2 to Apr 3</td>
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<tr>
<td>Brain Canada Foundation and Azrieli Foundation Early-Career Capacity Building</td>
<td>Apr 3 to Apr 17</td>
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<td>Grants</td>
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<tr>
<td><strong>NEW</strong> Alzheimer’s Association: The PART THE CLOUD to RESCUE Brain Cell</td>
<td>Mar 5 to Apr 4</td>
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<tr>
<td>Degeneration in Alzheimer’s Disease Program</td>
<td>Apr 18 (By invite only)</td>
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<tr>
<td>European Commission International Flagship Collaboration with Canada for</td>
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<td>Human data storage, integration and sharing to enable personalized medicine</td>
<td>Apr 4 to Apr 18</td>
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<td>approaches</td>
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<tr>
<td><strong>NEW</strong> SickKids Foundation, National Grants: New investigator Research Grants</td>
<td>Apr 6 to Apr 20</td>
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<tr>
<td>Brain Tumour Foundation of Canada Research Grant Program</td>
<td>Apr 13 to Apr 27</td>
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<tr>
<td>Cancer Research Society 2018 Scholarships for the Next Generation of Scientists</td>
<td>Apr 13 to Apr 27</td>
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<tr>
<td><strong>NEW</strong> Weston Brain Institute International Fellowships: Canada 2018</td>
<td>Apr 16 to Apr 30</td>
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<tr>
<td>Scottish Rite Charitable Foundation (SRCF): Major Research Grants</td>
<td>Apr 16 to Apr 30</td>
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<tr>
<td>Osteoporosis Canada: Canadian Multicentre Osteoporosis Study (CaMos) Fellowship Award</td>
<td>Apr 16 to Apr 30</td>
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<tr>
<td>Orthopaedic Trauma Association Grant and Scholarship Opportunities</td>
<td>Mar 12 to Apr 16</td>
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<tr>
<td>MITACS Globalink Research Award</td>
<td>May 1</td>
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<tr>
<td>Social Sciences and Humanities Research Council (SSHRC) Connection Grants</td>
<td>Mar 13 to ROAD</td>
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<td>Apr 24 to ROAD</td>
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<td></td>
<td>May 1</td>
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<td>Funding Agency</td>
<td>Deadline</td>
<td>Notifications</td>
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<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC)</td>
<td>Feb 26 Notify ROADS</td>
<td>Mar 19 LOI due to ROADS</td>
<td>May 1</td>
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<tr>
<td>Collaborative Research and Training Experience (CREATE)</td>
<td>(Please inform HRS of your intent to apply)</td>
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<tr>
<td>Christopher &amp; Dana Reeve Foundation: Quality of Life Direct Effect Grants Program</td>
<td>April 11</td>
<td>Apr 17</td>
<td>May 1</td>
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<tr>
<td>Hamilton Health Sciences (HHS) Clinical Health Professional Personnel Award (CHPA)</td>
<td>N/A</td>
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<td>May 1</td>
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<tr>
<td>Misk Foundation and the Bill &amp; Melinda Gates Foundation: Misk Grand Challenges</td>
<td>Apr 18</td>
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<td>May 2</td>
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<tr>
<td>Alliance for Cancer Gene Therapy (ACGT) 2018 Investigator’s Award</td>
<td>Mar 13</td>
<td>May 1</td>
<td>May 15</td>
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<tr>
<td>Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program</td>
<td>N/A</td>
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<td>Jun 1</td>
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<tr>
<td>Canadian Blood Services (CBS) MSM Research Grant Program</td>
<td>Apr 15</td>
<td>Jun 15</td>
<td>Jun 30</td>
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<tr>
<td>Crohn’s &amp; Colitis Foundation: Grants</td>
<td>May 1</td>
<td>Jun 15</td>
<td>Jul 1</td>
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<tr>
<td>European Commission Research Projects on Personalized Medicine – Smart Combination of Pre-clinical and Clinical Research with Data and ICT Solutions</td>
<td>Apr 10</td>
<td>Jun 21</td>
<td>Jul 5</td>
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<tr>
<td>Organization for Autism Research (OAR): Applied Research Competition</td>
<td>Mar 26</td>
<td>Jul 23</td>
<td>Aug 6 (by invite only)</td>
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<tr>
<td>Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s &amp; Related Diseases</td>
<td>Apr 19</td>
<td>Jul 25</td>
<td>Aug 8</td>
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<tr>
<td>Networks of Centres of Excellence of Canada Knowledge Mobilization (NCE-KM) Initiative Competition (please inform HRS of your intent to apply)</td>
<td>Apr 16</td>
<td>Aug 21</td>
<td>Sep 4</td>
</tr>
<tr>
<td>Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 12 (please inform HRS of your intent to apply)</td>
<td>Apr 5 Draft EOI to HRS</td>
<td>Apr 19 Draft EOI to Ontario Genomics</td>
<td>Oct 1</td>
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<tr>
<td>MITACS Accelerate Fellowship</td>
<td>Ongoing MILO</td>
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<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
<td>Ongoing</td>
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<tr>
<td>Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award</td>
<td>Ongoing</td>
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<tr>
<td>OCE Voucher for Innovation and Productivity (VIP I) Program</td>
<td>Ongoing MILO</td>
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<tr>
<td>OCE Voucher for Innovation and Productivity II (VIP II) Program</td>
<td>Ongoing MILO</td>
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<tr>
<td>TalentEdge Internship Program (TIP)</td>
<td>Ongoing MILO</td>
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<td>TalentEdge Fellowship Program</td>
<td>Ongoing MILO</td>
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<tr>
<td>MITACS Accelerate Program</td>
<td>Ongoing MILO</td>
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<tr>
<td>MITACS Globalink Partnership Award</td>
<td>Ongoing MILO</td>
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</table>
**CIHR – Health System Impact Fellowship 2018**

The Health System Impact Fellowship is expected to:

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

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

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

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

**Additional Details**

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

**Sponsor Deadline:** April 5, 2018

**CIHR – 2018 Women Heart and Brain Health (WVBH) Chair Awards**

The mandate of each Chair is to generate new knowledge that improves awareness, prevention and understanding of how biology and socio-cultural factors affect women’s heart and brain health. The mandate of the Indigenous Chairs in particular will include the study of barriers and external factors that can influence Indigenous women’s health in Canada. The specific objectives of this funding opportunity are:

- To create new knowledge that advances understanding of women’s heart and brain health.
- To foster innovative, sex- and gender-sensitive approaches to diagnosis, access to high quality care and treatment of heart disease and stroke in women, especially within Indigenous communities.
- To foster the translation of research knowledge into evidence-based policies and interventions that improves heart and brain health and promotes wellness of women.

The Chairs must actively contribute to and become members of the Heart & Stroke Canadian Women’s Heart Health Research Network and participate in the biannual Canadian Women’s Heart Health Summit. The Chairs must also independently and together interact with and enhance current Canadian programs, to identify gaps and develop new policies, programs and interventions. The Chairs are expected to engage in implementation and outcomes research to evaluate heart and brain health inequities facing women and Indigenous communities in Canada.

**Funding Details:** The total amount available for this funding opportunity is $3,375,000, enough to fund the following:

- Up to four (4) Chair, with a per grant maximum value of $150,000/year for 5 years.
- An additional supplement to support the salary of the successful applicant within the early career Chair in Indigenous Women’s Heart and Brain Health, with a maximum value of $75,000/year for 5 years.

**Additional Details**

**LOI Deadline:** February 28, 2018

**Internal HRS Deadline:** April 13, 2018

**Sponsor Deadline:** April 27, 2018
**CIHR – Team Grant: Research Network on Lyme Disease**

The Lyme Disease Research Network grant is expected to:

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

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

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

**Additional Details**

**LOI Deadline:** March 6, 2018  
**Internal HRS Deadline:** May 23, 2018  
**Sponsor Deadline:** June 6, 2018

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

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

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

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

**Additional Details**

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

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

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

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

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

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

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

CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND) 2018
The aim of the call is to establish a limited number of ambitious, innovative, multi-national and multi-disciplinary collaborative research projects that address health and social care delivery at the macro level (system and infrastructures) as well as (at) the individual level of patients, their careers and families. For more information, please consult the Joint Programme Neurodegenerative Disease Research (JPND) website.

Funding Details: The total amount available for the Canadian component of this funding opportunity is CAD $700,000, enough to fund approximately 2 grants. The maximum amount per grant is CAD $116,666 per year for up to three years.

Additional Details
LOI Deadline: March 6, 2018
Internal HRS Deadline: June 11, 2018
Sponsor Deadline: June 25, 2018

CIHR – Team Grant: NEURON 2018
Maintenance, improvement and restoration of human health are of fundamental importance and worldwide priority. Biomedical and health research provide an important basis for the improvement of healthy living. Disorders of the brain are major causes of morbidity, mortality and impaired quality of life. Around one billion people suffer from disorders of the central nervous system. Therefore, neuroscience research and its translation into diagnostic and therapeutic outcomes are fundamental.
To address this, the ‘Network of European Funding for Neuroscience Research’ (NEURON) was established under the ERA-NET scheme of the European Commission. ERA-NET NEURON coordinates research efforts and funding programs of European and partner countries in the field of disease related neuroscience. Under the umbrella of NEURON, several joint transnational calls (JTCs) have been launched on different neuroscientific topics from 2008 to 2016.
The aim of this call is to facilitate multinational, collaborative research projects that will address important questions related to mental health and mental disorders across the entire lifespan. Research on dementia is excluded from the present call.
The call will accept novel and original research proposals within the breadth of research understanding basic mechanisms of disease to proof-of-concept clinical studies in humans.

Funding Details: The total amount available from CIHR for the Canadian component of this funding opportunity is $450,000 enough to fund approximately 2 grants. The maximum amount per grant is $75,000 per year for up to 3 years for a total of $225,000 per grant.

Additional Details
LOI Deadline: March 8, 2018 (Please consult the ERA-NET NEURON website. Note: no documents need to be submitted to CIHR via RNet at this stage.)
Internal HRS Deadline: June 12, 2018
Sponsor Deadline: June 26, 2018

2018 NARSAD Young Investigator Grant
The program is intended to facilitate innovative research opportunities and supports basic, as well as translational and/or clinical investigators. All research must be relevant to our understanding, treatment and prevention of serious psychiatric disorders such as: schizophrenia; bipolar; mood and anxiety disorders; or early onset brain and behavior disorders. As is well known, the Foundation is interested in supporting the full range of relevant neurobiological and psychobiological basic science. We also support clinical science which can include careful studies using qualitative research approaches or research generating preliminary data to explore a new hypothesis generated by clinical experience or large sample studies.
Funding Details: Young Investigator Grants provide each scientist with up to $35,000 per year for two years totaling $70,000

Additional Details
Internal HRS Deadline: February 27, 2018
Sponsor Deadline: March 13, 2018

Banting Research Foundation: Discovery Award
The Banting Research Foundation annually awards the Discovery Award, a grant of up to $25,000, to outstanding new investigators in any area of health and biomedical research who are within the first three years of their independent appointment at a university or research institute in Canada. The intent is to provide seed funding so that applicants are able to gather pilot data to enhance their competitiveness for other sources of funding. This competition is open to new investigators at any Canadian university or affiliated research institute who meet the eligibility criteria.

Funding Details: Maximum value of $25,000 for 1 year

Additional Details
Internal HRS Deadline: March 1, 2018
Sponsor Deadline: March 15, 2018

Banting Research Foundation and the Dystonia Medical Research Foundation Canada: Discovery Award
The goal of the DMRF Canada’s Science Program is to support the discovery of new or improved therapies and, ultimately, a cure for dystonia. To achieve this goal, the DMRF is dedicated to supporting the field of dystonia research and stimulating the collaborations and projects necessary to accelerate progress. Eligible candidates must be focused on research that will address one or more of the core directions necessary to advance the field of dystonia. These core directions include furthering our fundamental understanding of dystonia, uncovering the mechanisms in the nervous system that lead to symptoms, creating experimental models of dystonia, and discovering targets for new and improved therapeutics designed specifically to treat dystonia. This includes hypothesis-driven research projects at the genetic, molecular, cellular, systems, or behavioral levels that may lead to a better understanding of the pathophysiology or to new therapies for any or all forms of dystonia.

Funding Details: The value of this one-year grant is a maximum of $25,000

Additional Details
Internal HRS Deadline: March 1, 2018
Sponsor Deadline: March 15, 2018

The Kidney Foundation of Canada (KFOC) Allied Health Doctoral Fellowship
The Kidney Foundation of Canada has established a national goal of encouraging and supporting research that may further the current knowledge pertaining to the kidney and urinary tract or improve health in areas relevant to the Vision and Mission of the Foundation. The Foundation wishes to point out that it is seeking doctoral fellowship applications that are relevant to its Vision and Mission. The Foundation reserves the right to make a decision on the relevance of a given project to basic and clinical kidney disease. Applications deemed irrelevant will not be funded regardless of the excellence of the science. All awards become tenable July 1 following announcements of the competition results. Funds are available for a limited number of Fellowships designed to provide for full-time academic and research preparation at the doctoral level. The objective of this program is to promote and enhance the development of nephrology/organ donation allied health investigators in Canada. The award is tenable in Canada or abroad.

Funding Details: This award is for up to $31,000/year and is tenable in Canada or abroad

Additional Details
Internal HRS Deadline: March 1, 2018
Sponsor Deadline: March 15, 2018
The Kidney Foundation of Canada (KFOC) Allied Health Scholarship

The purpose of the Allied Health Scholarship award is to assist the student with a demonstrated interest in nephrology/organ donation in pursuing education at the Masters level to promote and enhance the development of nephrology allied health investigators in Canada.

Applicants must meet the following eligibility requirements:

- serve as a nephrology nurse or technician, social worker, pharmacist, dietitian, transplant coordinator or other allied health professional;
- have a demonstrated commitment to the area of nephrology or organ donation with an interest in kidney research.
- Preference will be given to applicants with a minimum of two years full time equivalent experience;
- have Canadian citizenship or landed immigrant status;
- be accepted in proposed course of full-time or part-time study;

Funding Details: Up to a maximum of $10,000

Additional Details
Internal HRS Deadline: March 1, 2018
Sponsor Deadline: March 15, 2018

Age-Well 2018 Catalyst Funding Program

AGE-WELL is excited to launch its 3rd Catalyst Funding Program to support innovative research projects aimed at generating, promoting or accelerating economic and social benefit in the field of technology and aging. The Catalyst Funding Program represents the first-stage in AGE-WELL’s innovation funding stream. Catalyst grants will support early-stage, scalable research projects including pilot studies, feasibility studies and novel approaches that are aligned with AGE-WELL’s mission and vision. Projects must demonstrate strong potential for real-world impact. It is expected that Catalyst projects will lead to new funded research initiatives, either as part of AGE-WELL or through other granting agencies. Projects funded by Catalyst grants may be suitable for future AGE-WELL investment as they progress along the innovation pipeline. To be eligible for continued funding through AGE-WELL, end-of-term deliverables must provide justification for continued funding either through a renewal of Catalyst funding or transfer to another AGE-WELL funding program (e.g. Core Research Program, Strategic Investment Program).

Funding Details: Up to $50,000 over 12 months. Can be renewed for one year, pending end-of-term review.

Additional Details
Internal HRS Deadline: March 9, 2018
Sponsor Deadline: March 23, 2018

The Alton Ochsner Award Relating Smoking and Disease 2018

Nominations are now being accepted for the 33rd Annual Alton Ochsner Award Relating Smoking and Disease. Nominations must be made by a letter (online) that describes in detail, but concisely, the scientific work and major contributions of the investigator to the field. Self-nominations are excluded. All nominations must include and be supported by:

1. the candidate’s curriculum vitae (containing an active mailing address, office telephone and cellular telephone number, and e-mail address, and bibliography;
2. at least two additional supporting letters of recommendation by scientific peers from outside the candidate’s institution; and
3. reprints of at least three pertinent major supporting scientific contributions.

The Award Committee is now accepting nominations and supporting material in PDF format only by e-mail sent to Ochsner at AOSRA@ochsner.org. Documents submitted in a format other than PDF by e-mail will not be considered.

Funding Details: $15,000 will be presented to one to three investigators.

Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

*To apply or for additional details, contact Catherine Gill Pottruff or Serena Jennings, Senior Grants Advisors, HRS, at gillic@mcmaster.ca or sjenn@mcmaster.ca respectively*
**Canadian Liver Foundation, Research Grant Competition: Operating Grants**

The Canadian Liver Foundation is proud to support researchers across Canada; scientists who have made liver research a priority in their labs and clinics. In order to support new advances and breakthroughs, the CLF funds the research of senior researchers, new investigators, and medical students through their research grant programs and partnership projects. As the CLF’s most senior award, the operating grant is offered to investigators with primary interest in hepatobiliary research who hold academic appointments in Canadian universities or affiliated institutions. Both clinical investigators and basic scientists will be considered.

**Funding Details:** Operating Grants provide funding of up to $60,000 per year for a maximum of two years.

**Additional Details**

*Internal HRS Deadline: March 16, 2018*

*Sponsor Deadline: March 31, 2018*

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**Canadian Urological Association Scholarship Fund (CUASF): Bladder Cancer Canada Research Grant**

The objective of the CUASF-BCC Grant Program is to support peer-reviewed research that promotes excellence in bladder cancer research with the ultimate goal of improving patient care and understanding the biology of bladder cancer. Proposals may include basic science, translational or clinical research. Proposals in other areas of urological research exclusive of bladder cancer will not be considered. Grant recipients are expected to demonstrate improved understanding of the specific research area and/or contribute to improving patient care in bladder cancer.

**Funding Details:** It is anticipated that up to 2 grants of $25,000 CDN will be awarded each year.

**Additional Details**

*Internal HRS Deadline: March 16, 2018*

*Sponsor Deadline: March 31, 2018*

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**Centre for Addiction and Mental Health (CAMH) Discovery Fund**

The new Discovery Fund is a groundbreaking initiative dedicated to defining the causes of mental illness and developing the cures that will save lives and create hope. The Discovery Fund will enable CAMH to attract talent, explore big ideas, support young scientists, and leverage data to solve the mysteries of the brain.

**Funding Details:** A two-year award up to $100,000 per year (maximum of $200,000 for two years) will be provided to scientists at a lecturer level or above (including senior scientists) to support an innovative research idea.

**Additional Details**

*Internal HRS Deadline: March 16, 2018*

*Sponsor Deadline: April 1, 2018*

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**Michael G. DeGroote Fellowship Awards**

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

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

Awards are available in two categories: the **Michael G. DeGroote Fellowship Award in Basic Biomedical Science** and the **Michael G. DeGroote Fellowship Award in Clinical Research**. Candidates conducting basic science research are eligible for the Basic Biomedical Science Fellowship Award and those pursuing clinical research are eligible for the Clinical Research Fellowship Award. Applicants must identify in their application which award they are applying for. Separate selection committees will review the respective applicants for each award.
Applications are now being accepted and we are seeking qualified candidates to apply. If you know of any first-rate candidates who you feel would be a good fit for these awards under your supervision, please:

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

Eligibility

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

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

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

Additonal Details
Sponsor Deadline: April 2, 2018

**Diabetes Canada 2018 Research Competitions**

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

- Post-Doctoral Fellowship (maximum duration of funding is 2 years)
- New Investigator Award (duration of funding 3 years)
- Diabetes Investigator Award (duration of funding 3 years)

**Funding Details:**

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

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

**HHS New Investigator Fund (NIF) 2018 Round 1**

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

**Funding Details:** Grants will be awarded based on the excellence exhibited by the research and a maximum of $50,000 awarded per project.
The Orphan Disease Centre 2018 CDKL5 Program of Excellence Grant

CDKL5 is a monogenic, orphan condition characterized by treatment-resistant epilepsy and severe cognitive and motor disability. The disease is driven by the loss of a kinase called CDKL5 which is responsible for normal neuronal development, synapse formation and signal transmission. The mechanism(s) by which CDKL5 Deficiency leads to CNS disease is unclear. The gene encoding this protein is located on the X chromosome with heterozygous females primarily affected. The disease does not exhibit neurodegeneration and animal models strongly suggest the potential for reversibility. There are no approved therapies and standard of care is not effective at managing seizures or improving cognitive or motor deficits. While the RFA is broad in scope, priority will be given to grants that cover the following areas:

- Novel therapeutic approaches for CDKL5 Deficiency Disorder (CDD), including but not limited to techniques in genome editing, RNA-based mechanisms, biologics, and small molecule repurposing.
- Approaches to validate phenotypes in CDKL5 function or disease pathophysiology through rescue of phenotypic deficits with pharmacological or genetic / gene therapy techniques. Phenotypic reversal in rodent models will focus on the use of adult (2 months of age or older) animals. In particular, approaches are encouraged which allow the identification of individual CDKL5 protein isoforms (arising from alternative splicing, alternative promoter usage, or post-translational modifications) which can rescue these phenotypes.
- Systems biology and computational modeling approaches to provide a deeper understanding of CDKL5 function, downstream effectors, signaling, protein: protein interactors, or modifiers, including regulators of CDKL5 gene expression (transcriptional, post-transcriptional/RNA processing, translational, post-translational).
- Novel imaging and functional approaches to phenotyping CDD in pre-clinical models or the clinical setting. A non-exclusive list of topics that would be responsive to this RFA is listed below
  - Functional/structural MRI; diffusion tensor imaging (DTI)
  - Magnetic resonance spectroscopy (MRS)
  - Stimulus-induced event-related potentials: impact of CDKL5 genetic / gene therapy or pharmacological interventions on deficits in stimulus-induced event potentials (visual, auditory, or other) in CDD disease models
  - Discovery and validation of CDKL5 biomarkers and their translation to the clinical setting.

Funding Details: This is a one-year grant for $150,000

Faculty of Health Sciences Education Innovation Fund

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

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

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

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

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

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

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

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

Sponsor Deadline: April 13, 2018

The University of British Columbia Faculty of Medicine Call for Nominations: National Research Prizes
The University of British Columbia is currently seeking nominations for the following two research prizes:

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

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

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

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

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

Alzheimer’s Association (US) International Research Grant
The purpose of the International Research Grant Program Announcement is to help applicants understand the context and history of the Alzheimer’s Association International Research Grant Program and to publicize high priority areas of focus for the current fiscal year. The Association supplements its own funding efforts with public policy initiatives directed toward increasing Alzheimer’s research funding at the federal level. The Association’s International Research Grant Program has served historically as an incubator for novel ideas, complementing the programs of the National Institute on Aging and the other institutes of the National Institutes of Health as well as other federal agencies around the world. As our funding initiative has grown and matured, grant categories have expanded to support researchers at every stage in their careers. Funded projects now explore the broadest possible spectrum of
biological approaches to understanding, preventing and treating Alzheimer’s; social and behavioral strategies for ameliorating the effects of the disease on individuals and their families and professional caregivers; clinical studies; and adaptive technologies.

**Funding Details:** Various amounts are available up to $450,000 per year for 2 to 3 years.

**Additional Details**
LOI Deadline: March 2, 2018
Internal HRS Deadline: April 3, 2018
Sponsor Deadline: April 16, 2018

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

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

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

**Alzheimer’s Association: The PART THE CLOUD to RESCUE Brain Cell Degeneration in Alzheimer’s Disease Program**
The PART THE CLOUD to RESCUE (REverse, reStore, Cease and UndErstand) Brain Cell Degeneration in Alzheimer’s disease program will accelerate the discovery and testing of innovative compounds to be used for interventions in the earliest stages of neurodegeneration-dementia-Alzheimer’s disease. Presently there are no effective interventions to delay or prevent the progression of neurodegenerative processes that underlie the disabling symptoms of Alzheimer’s dementia. To date, clinical trials based on current theories of the disease pathogenesis have not resulted in viable treatments. The strategic goal of the Alzheimer’s Association is to increase the options for potential interventions in early stages of neurodegeneration. In light of these aims the primary focus of PTC to RESCUE Brain Cell Degeneration in Alzheimer’s disease program is to encourage the discovery and development of a wide-range of interventions to maintain and/or restore the health and functionality of neurons and/or connectivity of neural networks.

**Funding Details:** Projects will be selected as a finalist for this program. These projects will receive up to $1,000,000 (total) over 2 years to support their proposed study. Funding should span over two years with maximum per year of $700,000.

**Additional Details**
LOI Deadline: March 5, 2018
Internal HRS Deadline: April 4, 2018
Sponsor Deadline (By invite only): April 18, 2018

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

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

**Additional Details**

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

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

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

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

**Additional Details**

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

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**Brain Tumour Foundation of Canada Research Grant Program**

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

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

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

**Additional Details**

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

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**Cancer Research Society 2018 Scholarships for the Next Generation of Scientists**

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

**Funding Details:**

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

**Additional Details**

**Internal HRS Deadline:** April 13, 2018  
**Sponsor Deadline:** April 27, 2018
**Weston Brain Institute International Fellowships: Canada 2018**
The Goal of the International Fellowships are to accelerate the careers of top Canadian PhD students by providing funding to conduct research in the labs of leading scientists. This will enable awardees to build international collaborations with world class labs, conduct influential neuroscience research on neurodegenerative diseases of aging, and bring enhanced research capabilities back to Canada. This fellowship will enrich the careers of awardees, preparing them to obtain more prestigious postdoctoral positions, and increasing their competitiveness for future positions as leaders in neuroscience in Canada.

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

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

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

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

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

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

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

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

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

**Orthopaedic Trauma Association Grant and Scholarship Opportunities**
The OTA has two current grant and scholarship opportunities.
- **International Grant Pre-Proposal** - The principal investigator must be a member of the Orthopaedic Trauma Association (in good standing) outside of North America and the research must be conducted outside of North America
- **Directed Topic Pre-Proposal** – Between the principal investigator and co-principal investigator, membership in both organizations must be fulfilled. The research must be conducted in North America. The OTA/AOTNA is looking to fund proposals in the following directed topics:
  - Clinical Patient-centered outcomes
  - Clinical or Basic Science Musculoskeletal infection
Funding Details:
- **International Grant Pre-Proposal** – up to $30,000 based on grant merit (covering direct cost) over a 2 year period
- **Directed Topic Pre-Proposal** - $50,000 per year, maximum 2-year funding cycle ($100,000 maximum)

**Additional Details**
**LOI Deadline:** March 12, 2018  
**Internal HRS Deadline:** April 16, 2018  
**Sponsor Deadline:** April 30, 2018

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

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

**Additional Details**
**Sponsor Deadline:** May 2018

**Social Sciences and Humanities Research Council (SSHRC) Connection Grants**
Connection Grants are expected to respond to the objectives of the Connection program. They support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage on research issues of value to those participating. Events and outreach activities funded by a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities listed in SSHRC’s Funding search tool.

Connection Grants support workshops, colloquiums, conferences, forums, summer institutes, or other events or outreach activities that facilitate:
- disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
- scholarly exchanges between those working in the social sciences and humanities and those working in other research fields;
- intersectoral exchanges between academic researchers in the humanities and social sciences and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
- international research collaboration and scholarly exchanges with researchers, students and non-academic partners from other countries.

**Funding Details:** $7,000 to $25,000 for events, and up to $50,000 for other outreach activities; higher amounts for outreach activities may be considered if well justified

**Additional Details**
**Notify ROADS of Intent to Apply:** March 13, 2018  
**Draft Application due to ROADS:** April 10, 2018  
**Final Application due to ROADS:** April 24, 2018  
**Sponsor Deadline:** May 1, 2018  
*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*

**Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Training Experience (CREATE)**
The Collaborative Research and Training Experience (CREATE) Program supports the training of teams of highly qualified students and postdoctoral fellows from Canada and abroad through the development of innovative training programs that:
- encourage collaborative and integrative approaches, and address significant scientific challenges associated with Canada’s research priorities;
- facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

These innovative programs must foster the acquisition and development of important professional skills among students and postdoctoral fellows that complement their qualifications and technical skills and improve their job-readiness for careers in industry, government, non-governmental organizations, and/or academia.
**Christopher & Dana Reeve Foundation: Quality of Life Direct Effect Grants Program**

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

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

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

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

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

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

**Additional Details**
- **Sponsor Deadline:** May 1, 2018

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

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

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

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

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**Alliance for Cancer Gene Therapy (ACGT) 2018 Investigator’s Award**

Alliance for Cancer Gene Therapy, Inc. (ACGT) funds research aimed at furthering the development of cell and gene therapy approaches to the treatment of cancer.

**RESEARCH OBJECTIVES**
This award is for those conducting cell and gene therapy research in the following areas:

- Technology for systemic delivery and treatment of metastatic disease that could involve novel tumor-targeted delivery vehicles (e.g. tumor-homing cells, nanoparticles and new recombinant viruses).
- Altering the tumor cell microenvironment to support the induction of anti-tumor immunity
- Identification of novel tumor targets
- Novel approaches to either protective adoptively transferred cells from metabolic changes or alter the metabolism of transferred cells.

Preference will be given to those working in solid tumors, orphan tumors or pediatric tumors, and to research not previously funded, thus highly innovative proposals.

**Funding Details:** The award provides up to a maximum of $500,000 distributed over 2-3 years

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

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

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

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

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

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

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

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

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

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

**Funding Details:**

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

**Additional Details**

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

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

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

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

**Additional Details**

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

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

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

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

**Additional Details**

- **LOI Deadline**: March 26, 2018
- **Internal HRS Deadline**: July 23, 2018
Weston Brain Institute, Rapid Response: Canada 2018 – Alzheimer’s & Related Diseases

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

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

Additional Details

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

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

Competition

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

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

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

Additional Details

LOI Deadline: April 16, 2018
Internal HRS Deadline: August 21, 2018
Sponsor Deadline: September 4, 2018

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

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

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

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

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

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

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

**Additional Details**

Sponsor Deadline: **Ongoing**

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**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**

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

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

**Funding Details:** SFARI will support applications for maximum of **$80,000**, including indirect costs, for one year, non-renewable.

**Additional Details**

Sponsor Deadline: **Ongoing**

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

Funding Details: OCE will support up to 50% of the eligible research costs, to a maximum OCE investment of $20,000.
Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

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

Funding Details: The VIP II program supports collaborations between companies and publicly-funded post-secondary institutions for durations of 12 and 24 months to a maximum of $150,000
Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

TalentEdge Internship Program (TIP)
Ontario’s TalentEdge Internship Program (TIP) provides support for current college and university students (specifically current graduate students and final year undergraduate students), and recent Masters graduates (within three years of graduation), to work on industry-driven research and development projects. Projects must have a clearly-defined R&D component, where R&D is defined by the discipline and is inclusive of all areas of specialization and disciplines. The TalentEdge Internship Program is open to students and recent graduates from across all disciplines, and all areas of specialization.

Funding Details: Each four-month internship is valued at $20,000 as follows: $10,000 contribution from OCE; $5,000 company cash contribution; $5,000 company in-kind contribution. It is possible to also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.
Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

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

Funding Details: Each 12-month fellowship is valued at $85,000 as follows
- $35,000 contribution from OCE
- $25,000 company cash contribution
- $25,000 company in-kind contribution
MITACS Accelerate Program
Canada’s premiere research internship program provides interns with the opportunity to transfer their skills from theory to real-world application, while companies gain a competitive advantage by accessing high-quality research expertise. Interns spend approximately half their time on-site with the industry partner; the remainder is spent at the university advancing the research under the guidance of a faculty supervisor. Not-for-profit organizations are eligible.

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

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

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

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

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

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

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

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

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

**OBIO Event in Toronto re: Accessing US National Institutes of Health (NIH) Funding**
OBIO is partnering with NRC-IRAP’s Biomedical Sector Team on a workshop on how Canadian companies and researchers can access funding, directly or indirectly, from the US National Institutes of Health (NIH). Although less straightforward for Canadian companies than American, various pathways exist for Canadian companies to work with the NIH. The NIH is one of the largest investors in medical research and development and is currently sponsoring 160+ projects in Canada totaling more than $60M USD. NIH funding is vastly underutilized by Canadian companies.

**When:** Monday March 5, 2018  
**Time:** 9:30 am – 11:30 am  
**Where:** ONRamp 100 College St. Suite 158, Toronto ON  
**Registration**  

**Additional Information**
N2 and Health Canada Request for Feedback: Guidance Document Part C, Division 5 of the Food and Drug Regulations “Drugs for Clinical Trials Involving Human Subjects”

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

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

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

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

Health Canada is looking for comments on:

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

Health Canada is not looking for comments on:

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

**TIMELINE**

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

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

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

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

Karen Arts- N2 Chair, Board of Directors
[ka@n2canada.ca](mailto:ka@n2canada.ca)
Tel: 416.673.6637

Susanna Sellmann-N2 Quality Committee
[Sn@uhnresearch.ca](mailto:Sn@uhnresearch.ca)
Tel: 416.946.4501 x3221

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**Health Research Grant Competitions**

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

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**CIHR – Health System Impact Fellowship 2018**

The Health System Impact Fellowship is expected to:

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

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

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

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

**Additional Details**

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

**Sponsor Deadline:** April 5, 2018

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

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

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

**Additional Details**

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

**Sponsor Deadline:** April 12, 2018

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

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

- Data models that guarantee the interoperability of human health research data from different repositories and integrate different types of –omics data and, where relevant, clinical research and lifestyle data. The data models should take into
account sex/gender differences where relevant. The projects should build on existing research infrastructures such as –omics repositories, biobanks and registries.

- Reference architecture for data and process interoperability.
- Technologies and methodologies for data harvesting, data access, data transfers, and archiving complex datasets.
- Bioinformatics toolbox to support the analysis and management of data on diseases from a personalized medicine standpoint.
- International ethical and legal governance model for a research data management and storage infrastructure and an associated data management plan compliant with the required level of data security and privacy that is aligned with the recent recommendations of the OECD Council on Health Data Governance.

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

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

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

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

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

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

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

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

The purpose of the Network Environments for Indigenous Health Research (NEIHR) is to build on previous efforts of the Network Environments for Aboriginal Health Research (NEAHR), initially launched in 2007, and the Indigenous Mentorship Network Program (IMNP), initially launched in December 2016, by establishing a solid foundation for Indigenous health research driven by, and grounded in, Indigenous (i.e., First Nations, Inuit and Metis) communities in Canada. While NEAHR was revolutionary for its time, NEIHR will take a broader and more sophisticated approach to Indigenous health research and capacity building not just by focusing on individuals (e.g., supporting trainees and researchers), but also by concentrating on Indigenous communities, and social structures (e.g., educational systems, institutions, research infrastructures, policy apparatus, etc.).
**Funding Details:** The total amount available for this funding opportunity is $900,000, enough to fund approximately 12 grants. The maximum amount per grant is $75,000 per year for up to 1 year.

**Additional Details**

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

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**CIHR – Team Grant: Research Network on Lyme Disease**

The Lyme Disease Research Network grant is expected to:

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

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

**Additional Details**

**LOI Deadline:** March 6, 2018  
**Internal HRS Deadline:** May 23, 2018  
**Sponsor Deadline:** June 6, 2018

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

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

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

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

**Additional Details**

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

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

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

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

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

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

**Additional Details**

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

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

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

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

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

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

**Additional Details**

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

**CIHR – Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND) 2018**

The aim of the call is to establish a limited number of ambitious, innovative, multi-national and multi-disciplinary collaborative research projects that address health and social care delivery at the macro level (system and infrastructures) as well as (at) the individual level of patients, their careers and families. For more information, please consult the Joint Programme Neurodegenerative Disease Research (JPND) website.

**Funding Details:** The total amount available for the Canadian component of this funding opportunity is CAD $700,000, enough to fund approximately 2 grants. The maximum amount per grant is CAD $116,666 per year for up to three years.
**CIHR – Team Grant: NEURON 2018**

Maintenance, improvement and restoration of human health are of fundamental importance and worldwide priority. Biomedical and health research provide an important basis for the improvement of healthy living. Disorders of the brain are major causes of morbidity, mortality and impaired quality of life. Around one billion people suffer from disorders of the central nervous system. Therefore, neuroscience research and its translation into diagnostic and therapeutic outcomes are fundamental.

To address this, the 'Network of European Funding for Neuroscience Research' (NEURON) was established under the ERA-NET scheme of the European Commission. ERA-NET NEURON coordinates research efforts and funding programs of European and partner countries in the field of disease related neuroscience. Under the umbrella of NEURON, several joint transnational calls (JTCs) have been launched on different neuroscientific topics from 2008 to 2016.

The aim of this call is to facilitate multinational, collaborative research projects that will address important questions related to mental health and mental disorders across the entire lifespan. Research on dementia is excluded from the present call.

The call will accept novel and original research proposals within the breadth of research understanding basic mechanisms of disease to proof-of-concept clinical studies in humans.

**Funding Details:** The total amount available from CIHR for the Canadian component of this funding opportunity is $450,000 enough to fund approximately 2 grants. The maximum amount per grant is $75,000 per year for up to 3 years for a total of $225,000 per grant.

**Additional Details**

LOI Deadline: March 8, 2018 (Please consult the ERA-NET NEURON website. Note: no documents need to be submitted to CIHR via RNet at this stage.)

Internal HRS Deadline: June 12, 2018

Sponsor Deadline: June 26, 2018

**AGE-Well 2018 Catalyst Funding Program**

AGE-WELL is excited to launch its 3rd Catalyst Funding Program to support innovative research projects aimed at generating, promoting or accelerating economic and social benefit in the field of technology and aging. The Catalyst Funding Program represents the first-stage in AGE-WELL’s innovation funding stream. Catalyst grants will support early-stage, scalable research projects including pilot studies, feasibility studies and novel approaches that are aligned with AGE-WELL’s mission and vision. Projects must demonstrate strong potential for real-world impact. It is expected that Catalyst projects will lead to new funded research initiatives, either as part of AGE-WELL or through other granting agencies. Projects funded by Catalyst grants may be suitable for future AGE-WELL investment as they progress along the innovation pipeline. To be eligible for continued funding through AGE-WELL, end-of-term deliverables must provide justification for continued funding either through a renewal of Catalyst funding or transfer to another AGE-WELL funding program (e.g. Core Research Program, Strategic Investment Program).

**Funding Details:** Up to $50,000 over 12 months. Can be renewed for one year, pending end-of-term review.

**Additional Details**

Internal HRS Deadline: March 9, 2018

Sponsor Deadline: March 23, 2018

**The Alton Ochsner Award Relating Smoking and Disease 2018**

Nominations are now being accepted for the 33rd Annual Alton Ochsner Award Relating Smoking and Disease. Nominations must be made by a letter (online) that describes in detail, but concisely, the scientific work and major contributions of the investigator to the field. Self-nominations are excluded. All nominations must include and be supported by:

1. the candidate’s curriculum vitae (containing an active mailing address, office telephone and cellular telephone number, and e-mail address, and bibliography;
2. at least two additional supporting letters of recommendation by scientific peers from outside the candidate’s institution; and
3. reprints of at least three pertinent major supporting scientific contributions.
The Award Committee is now accepting nominations and supporting material in PDF format only by e-mail sent to Ochsner at AOSRA@ochsner.org. Documents submitted in a format other than PDF by e-mail will not be considered.

Funding Details: $15,000 will be presented to one to three investigators.

Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

*To apply or for additional details, contact Catherine Gill Pottruff or Serena Jennings, Senior Grants Advisors, HRS, at gillc@mcmaster.ca or sjenn@mcmaster.ca respectively*

**Canadian Liver Foundation, Research Grant Competition: Operating Grants**
The Canadian Liver Foundation is proud to support researchers across Canada; scientists who have made liver research a priority in their labs and clinics. In order to support new advances and breakthroughs, the CLF funds the research of senior researchers, new investigators, and medical students through their research grant programs and partnership projects. As the CLF’s most senior award, the operating grant is offered to investigators with primary interest in hepatobiliary research who hold academic appointments in Canadian universities or affiliated institutions. Both clinical investigators and basic scientists will be considered.

Funding Details: Operating Grants provide funding of up to $60,000 per year for a maximum of two years.

Additional Details
Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

**Canadian Urological Association Scholarship Fund (CUASF): Bladder Cancer Canada Research Grant**
The objective of the CUASF-BCC Grant Program is to support peer-reviewed research that promotes excellence in bladder cancer research with the ultimate goal of improving patient care and understanding the biology of bladder cancer. Proposals may include basic science, translational or clinical research. Proposals in other areas of urological research exclusive of bladder cancer will not be considered. Grant recipients are expected to demonstrate improved understanding of the specific research area and/or contribute to improving patient care in bladder cancer.

Funding Details: It is anticipated that up to 2 grants of $25,000 CDN will be awarded each year.

Additional Details
Internal HRS Deadline: March 16, 2018
Sponsor Deadline: March 31, 2018

**Centre for Addiction and Mental Health (CAMH) Discovery Fund**
The new Discovery Fund is a groundbreaking initiative dedicated to defining the causes of mental illness and developing the cures that will save lives and create hope. The Discovery Fund will enable CAMH to attract talent, explore big ideas, support young scientists, and leverage data to solve the mysteries of the brain.

Funding Details: A two-year award up to $100,000 per year (maximum of $200,000 for two years) will be provided to scientists at a lecturer level or above (including senior scientists) to support an innovative research idea.

Additional Details
Internal HRS Deadline: March 16, 2018
Sponsor Deadline: April 1, 2018

**Michael G. DeGroote Fellowship Awards**
The Michael G. DeGroote Fellowship Awards are an opportunity for excellent postdoctoral candidates to pursue top-level research training. First awarded in 2008, the awards provide funding to research-intensive individuals looking to further their academic career in the Faculty of Health Sciences at McMaster University.
Each award provides non-renewable funding of $50,000 for one year for successful applicants. The funding is comprised of $40,000 from the Michael G. DeGroote Health Sciences Development Fund and $10,000 contributed by the applicant’s supervisor.

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

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

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

Eligibility

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

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

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

Additional Details

Diabetes Canada 2018 Research Competitions
Diabetes Canada administers the Charles H. Best Research Fund to support research to enhance our understanding of diabetes and its prevention, causes, management, and cure. In 2016, the Canadian Diabetes Association (CDA) and the National Research Council (NRC) revised its research strategy. This new strategy was refined in response to input from the research community and implemented in 2017. This is the second year of a four-year strategy. Diabetes Canada funds the following awards:

- Post-Doctoral Fellowship (maximum duration of funding is 2 years)
- New Investigator Award (duration of funding 3 years)
- Diabetes Investigator Award (duration of funding 3 years)

Funding Details:

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

Additional Details

Internal HRS Deadline: March 19, 2018
Sponsor Deadline: April 2, 2018
**HHS New Investigator Fund (NIF) 2018 Round 1**
The Hamilton Health Sciences’ commitment to “first stage” research led to the creation of the New Investigator Fund (NIF). The fund is an integration of the former HHS Foundation Young Investigator Grants and the HHS Research Development Fund, and provides a unique opportunity to foster and support a culture of inquiry for novice investigators under the mentorship of senior staff. The NIF provides project funding to front-line staff (healthcare professionals and medical staff) toward research initiatives directly relevant to the clinical mission and research strategic direction of HHS.

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

**Additional Details**
**Sponsor Deadline:** April 3, 2018

**The Orphan Disease Centre 2018 CDKL5 Program of Excellence Grant**
CDKL5 is a monogenic, orphan condition characterized by treatment-resistant epilepsy and severe cognitive and motor disability. The disease is driven by the loss of a kinase called CDKL5 which is responsible for normal neuronal development, synapse formation and signal transmission. The mechanism(s) by which CDKL5 Deficiency leads to CNS disease is unclear. The gene encoding this protein is located on the X chromosome with heterozygous females primarily affected. The disease does not exhibit neurodegeneration and animal models strongly suggest the potential for reversibility. There are no approved therapies and standard of care is not effective at managing seizures or improving cognitive or motor deficits. While the RFA is broad in scope, priority will be given to grants that cover the following areas:

- Novel therapeutic approaches for CDKL5 Deficiency Disorder (CDD), including but not limited to techniques in genome editing, RNA-based mechanisms, biologics, and small molecule repurposing.
- Approaches to validate phenotypes in CDKL5 function or disease pathophysiology through rescue of phenotypic deficits with pharmacological or genetic / gene therapy techniques. Phenotypic reversal in rodent models will focus on the use of adult (2 months of age or older) animals. In particular, approaches are encouraged which allow the identification of individual CDKL5 protein isoforms (arising from alternative splicing, alternative promoter usage, or post-translational modifications) which can rescue these phenotypes.
- Systems biology and computational modeling approaches to provide a deeper understanding of CDKL5 function, downstream effectors, signaling, protein: protein interactors, or modifiers, including regulators of CDKL5 gene expression (transcriptional, post-transcriptional/RNA processing, translational, post-translational).
- Novel imaging and functional approaches to phenotyping CDD in pre-clinical models or the clinical setting. A non-exclusive list of topics that would be responsive to this RFA is listed below
  - Functional/structural MRI; diffusion tensor imaging (DTI)
  - Magnetic resonance spectroscopy (MRS)
  - Stimulus-induced event-related potentials: impact of CDKL5 genetic / gene therapy or pharmacological interventions on deficits in stimulus-induced event potentials (visual, auditory, or other) in CDD disease models
  - Discovery and validation of CDKL5 biomarkers and their translation to the clinical setting.

**Funding Details:** This is a one-year grant for $150,000

**Additional Details**
**LOI Deadline:** March 8, 2018
**Internal HRS Deadline:** March 23, 2018
**Sponsor Deadline:** April 6, 2018

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

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

**Additional Details**

**Internal HRS Deadline:** March 23, 2018  
**Sponsor Deadline:** April 6, 2018

**Faculty of Health Sciences Education Innovation Fund**

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

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

**Application Process:**

Applicants are required to submit:

1) **An abridged CV** (max. 3 pages, focusing on previous research and educational scholarship)

2) **A project summary** - 3 pages maximum, single spaced, plus references, outlining:
   a. Proposed study question/objectives
   b. Proposed method of analysis
   c. Expected project outcome
   d. Strategy for disseminating outcome findings
   e. Potential education impact of the study
   f. Potential of the research for commercialization, if applicable

3) **Budget** The following expenses are ineligible:
   a. Salary support for P.I. or other faculty members
   b. Computers and other equipment unless integral to the study e.g. voice recording equipment
   c. Infrastructure expenses that are presently supported elsewhere (e.g. telephone, administrative assistant)
   
   No university overhead will be charged. Open Access journal publications costs will be allowed.

4) **Adjudication**

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

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

**Additional Details:**

1) Deadline for application April 13, 2018 at midnight.

2) Submit as 1 pdf document with the P.I.’s name and a short version of the title as the document’s name.

3) Submit to the office of the Associate Dean, Health Professional Education c/o mcarthj@mcmaster.ca

**Sponsor Deadline:** April 13, 2018
The University of British Columbia Faculty of Medicine Call for Nominations: National Research Prizes

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

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

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

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

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

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

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

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

Alzheimer’s Association: The PART THE CLOUD to RESCUE Brain Cell Degeneration in Alzheimer’s Disease Program
The PART THE CLOUD to RESCUE (REverse, reStore, Cease and UndErstand) Brain Cell Degeneration in Alzheimer’s disease program will accelerate the discovery and testing of innovative compounds to be used for interventions in the earliest stages of neurodegeneration-dementia-Alzheimer’s disease. Presently there are no effective interventions to delay or prevent the progression of neurodegenerative processes that underlie the disabling symptoms of Alzheimer’s dementia. To date, clinical trials based on current theories of the disease pathogenesis have not resulted in viable treatments. The strategic goal of the Alzheimer’s Association is to increase the options for potential interventions in early stages of neurodegeneration. In light of these aims the primary focus of PTC to RESCUE Brain Cell Degeneration in Alzheimer’s disease program is to encourage the discovery and development of a wide-range of interventions to maintain and/or restore the health and functionality of neurons and/or connectivity of neural networks.

Funding Details: Projects will be selected as a finalist for this program. These projects will receive up to $1,000,000 (total) over 2 years to support their proposed study. Funding should span over two years with maximum per year of $700,000.
European Commission International Flagship Collaboration with Canada for Human data storage, integration and sharing to enable personalized medicine approaches

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

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

SickKids Foundation, National Grants: New investigator Research Grants

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

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

Brain Tumour Foundation of Canada Research Grant Program

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

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

Funding Details: Applications for grants up to $25,000.00 will be considered
**Cancer Research Society 2018 Scholarships for the Next Generation of Scientists**
The Cancer Research Society is pleased to announce the launch of its 2018 Scholarships for the Next Generation of Scientists competition, an initiative aiming at supporting future generations of Canadian researchers. The Scholarship is broken down into two parts, and extends over a period of 3 years, with no possibility for renewal.

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

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

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

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

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

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

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

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

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

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

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

**Additional Details**
Orthopaedic Trauma Association Grant and Scholarship Opportunities

The OTA has two current grant and scholarship opportunities.

- **International Grant Pre-Proposal** - The principal investigator must be a member of the Orthopaedic Trauma Association (in good standing) outside of North America and the research must be conducted outside of North America.
- **Directed Topic Pre-Proposal** – Between the principal investigator and co-principal investigator, membership in both organizations must be fulfilled. The research must be conducted in North America. The OTA/AOTNA is looking to fund proposals in the following directed topics:
  - Clinical Patient-centered outcomes
  - Clinical or Basic Science Musculoskeletal infection

**Funding Details:**

- **International Grant Pre-Proposal** – up to $30,000 based on grant merit (covering direct cost) over a 2 year period
- **Directed Topic Pre-Proposal** - $50,000 per year, maximum 2-year funding cycle ($100,000 maximum)

**Additional Details**

**LOI Deadline**: March 12, 2018
**Internal HRS Deadline**: April 16, 2018
**Sponsor Deadline**: April 30, 2018

MITACS Globalink Research Award

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

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

**Additional Details**

**Sponsor Deadline**: May, 2018

Social Sciences and Humanities Research Council (SSHRC) Connection Grants

Connection Grants are expected to respond to the objectives of the Connection program. They support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage on research issues of value to those participating. Events and outreach activities funded by a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities listed in SSHRC's Funding search tool.

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

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

**Funding Details:** $7,000 to $25,000 for events, and up to $50,000 for other outreach activities; higher amounts for outreach activities may be considered if well justified

**Additional Details**

**Notify ROADS of Intent to Apply**: March 13, 2018
**Draft Application due to ROADS**: April 10, 2018
**Final Application due to ROADS**: April 24, 2018
**Sponsor Deadline**: May 1, 2018

*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*
Christopher & Dana Reeve Foundation: Quality of Life Direct Effect Grants Program
The Christopher & Dana Reeve Foundation Quality of Life Grants Program reached a major milestone in 2016, surpassing $20 million in funding to nonprofit organizations all over the United States and in 37 countries. And, thus far in 2017, the Reeve Foundation awarded 122 grants in four different programs, totaling over $1.7 million. To ensure the continued growth of the program and to clarify the vision and mission of the Quality of Life grants program created by the late Dana Reeve, a retreat was held in April 2017, convening program staff, members of the Board of Directors, and an external professional facilitator. The Reeve Foundation Quality of Life grants will continue to support the broad range of projects and activities that we have in the past; we are just changing how we do it so that we can achieve maximum impact for all. Two types of grants will be offered: Direct Effect (Tier 1) and High Impact (Tiers 2, 3, and 4).

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

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

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

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

Additional Details
Sponsor Deadline: May 1, 2018

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

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

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

Alliance for Cancer Gene Therapy (ACGT) 2018 Investigator’s Award
Alliance for Cancer Gene Therapy, Inc. (ACGT) funds research aimed at furthering the development of cell and gene therapy approaches to the treatment of cancer.

RESEARCH OBJECTIVES
This award is for those conducting cell and gene therapy research in the following areas:
- Technology for systemic delivery and treatment of metastatic disease that could involve novel tumor-targeted delivery vehicles (e.g. tumor-homing cells, nanoparticles and new recombinant viruses).
- Altering the tumor cell microenvironment to support the induction of anti-tumor immunity
- Identification of novel tumor targets
- Novel approaches to either protective adoptively transferred cells from metabolic changes or alter the metabolism of transferred cells.
Preference will be given to those working in solid tumors, orphan tumors or pediatric tumors, and to research not previously funded, thus highly innovative proposals.

**Funding Details:** The award provides up to a maximum of $500,000 distributed over 2-3 years

**Additional Details**

**LOI Deadline:** March 13, 2018  
**Internal HRS Deadline:** May 1, 2018  
**Sponsor Deadline:** May 15, 2018

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

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

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

**Additional Details**

**Sponsor Deadline:** June 1, 2018

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

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

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

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

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

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

**Additional Details**

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

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

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

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

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

**Additional Details**
**LOI Deadline:** April 15, 2018
**Internal HRS Deadline:** June 15, 2018
**Sponsor Deadline:** June 30, 2018

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

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

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

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

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

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

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

**Additional Details**
**LOI Deadline:** April 10, 2018
**Internal HRS Deadline:** June 21, 2018
**Sponsor Deadline:** July 5, 2018
**Organization for Autism Research (OAR): Applied Research Competition**

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

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

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

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

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

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

The NCE-KM initiative funds networks dedicated to transferring knowledge to those who can put it into practice. It supports collaborations between knowledge producers and knowledge users from various disciplines, sectors and institutions, including industry, government, not-for-profit organizations and various sources and types of knowledge for the social, economic, technological, and/or wellness benefit of Canada and the Canadian population. Networks focus on addressing key problems, challenges and opportunities of high strategic importance to Canada. NCE-KM networks are expected to create social and/or economic benefits through the application of evidence-based knowledge generated from research in combination with other sources and types of knowledge. The program supports networks pursuing knowledge translation along the entire spectrum: from the range of activities encompassed in knowledge mobilization (creation of activities and tools designed to put knowledge into active service, often through the establishment of new or modification of existing policies, processes and standards) to those encompassed in commercialization (the transformation of knowledge or technology into marketable goods, processes or services).

**Funding Details:** The total budget for this competition is currently set at $4.8M over 4 years ($1.2M/year). Successful networks will be awarded up to $400,000 per year for four years with a possible three-year renewal.
The Genomic Applications Partnership Program (GAPP) funds downstream research and development (R&D) projects that address real world opportunities and challenges identified by industry, government, not-for-profits and other “Receptors” of genomics knowledge and technologies. GAPP projects are collaborations between academic researchers and Receptor organizations. They are co-funded by Receptors and other stakeholders, and have the potential to generate significant social and/or economic benefits for Canada. The GAPP aims to:

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

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

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

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

### MITACS Accelerate Fellowship

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

**Funding Details:**

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

**Additional Details**

**Sponsor Deadline: Ongoing**

### Weston Brain Institute: Early Phase Clinical Trials: Canada

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

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

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

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

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

**Funding Details:** SFARI will support applications for maximum of $80,000, including indirect costs, for one year, non-renewable.

Additional Details
Sponsor Deadline: Ongoing

**OCE Voucher for Innovation and Productivity (VIP I) Program**

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

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

Additional Details
Sponsor Deadline: Ongoing

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

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

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

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

Additional Details
Sponsor Deadline: Ongoing

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

**TalentEdge Internship Program (TIP)**

Ontario’s TalentEdge Internship Program (TIP) provides support for current college and university students (specifically current graduate students and final year undergraduate students), and recent Masters graduates (within three years of graduation), to work on industry-driven research and development projects. Projects must have a clearly-defined R&D component, where R&D is defined by the discipline and is inclusive of all areas of specialization and disciplines. The TalentEdge Internship Program is open to students and recent graduates from across all disciplines, and all areas of specialization.

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

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

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

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**MITACS Accelerate Program**

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

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

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**MITACS Globalink Partnership Award**

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

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

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*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*
Research Office for Administration, Development and Support (ROADS)
Funding Opportunities Bulletin

March 2, 2018

In this issue:

- **Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities:**
  1) *Capacity Building Stream* – Webinars February 28, March 2, 2018, Registration as soon as possible, Preliminary Proposal deadline April 10, 2018; 2) *BioHeat, Demonstration & Deployment Program Streams* – Webinars March 5, 7, 2018, Registration as soon as possible, Application deadline May 17, 2018

- **Ministry of Transportation Ontario: 2018 Highway Infrastructure Innovations Fund Program** – Application deadline March 16, 2018

- **McMaster University, Office of Community Engagement in partnership with McMaster University, Paul R. MacPherson Institute for Leadership, Innovation & Excellence in Teaching: Experiential Learning in Academic Programming (ELAP) Grant** – Proposal deadline March 26, 2018

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

- **Canadian Cancer Society Research Institute: Impact Grants** – Letter of Intent deadline April 10, 2018

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

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

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

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

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

**Use Pivot to find a McMaster expert:** [http://pivot.cos.com/profiles/main](http://pivot.cos.com/profiles/main).

Previously announced:

- **Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Networks (SPG-N):** Notify ROADS of Intent to Apply by January 22, 2018; NSERC Preliminary Application deadline April 1, 2018

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

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

- **Social Sciences and Humanities Research Council (SSHRC) and the Economic and Social Research Council, United Kingdom: Knowledge Synthesis Grants, Understanding the future of Canada-UK trade relationships, March 2018 International Competition** – Notify ROADS of Intent to Apply as soon as possible; draft Application due to ROADS by March 7, 2018; SSHRC Application deadline March 28, 2018

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

- **Human Frontier Science Program: Research Grants** – obtain a 2019 reference number deadline March 19, 2018; Letter of Intent deadline March 28, 2018

- **AGE-WELL: AGE-WELL 2018 Catalyst Funding Program** – Application deadline March 23, 2018

- **Egg Farmers of Canada: Research Grants** – Letter of Intent deadline March 23, 2018

- **Organization for Autism Research: Applied Research Competition** – Preproposal deadline March 26, 2018

- **McMaster University, ROADS: SSHRC Exchange – Spring 2018 Conference Attendance & Representational Activities Grants (formerly the Arts Research Board Spring Conference Attendance & Representational Activities Grants)** – Application deadline March 31, 2018

- **Canadian Liver Foundation, Research Grant Competition: Operating Grants** – Application deadline March 31, 2018

- **WorkplaceNL, Request for Applications: 2017-18 Research Initiatives Program** – Letter of Intent deadline March 31, 2018

- **American Astronomical Society: Henri Chrétien International Research Grants** – Application deadline April 1, 2018

- **Louisville Institute: Collaborative Inquiry Teams** – Application deadline April 1, 2018
• Centre for Addiction and Mental Health (CAMH), Discovery Fund: 2018 Seed Funding Competition – Collaborative Projects – Application deadline April 1, 2018

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

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

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

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

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

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

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

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

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

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

• Mitacs: Globalink Research Award – apply by May 2018

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

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

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

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

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

• Weston Brain Institute, Early Phase Clinical Trials: Canada – Letter of Intent is accepted on a rolling basis.
• Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.

• Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award – Applications are accepted on a rolling basis.

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

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

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

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

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

**Webinars**
- English session: **February 28, 2018** at 1:00pm EST
- French Session: **March 2, 2018** at 1:00pm EST

The webinar will provide a general overview of the Program, the Applicant’s Guide, as well as the application process. Register early. Recordings of the webinars will be posted to the CERRC website at a later date.


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

**Application process:**
The NRCan registration deadline is now. The preliminary proposal deadline is **April 10, 2018**.

2) **BioHeat, Demonstration & Deployment Program Streams**, the objective: to support proposals to reduce the reliance of rural and remote communities on diesel fuel for heat and power. All proposals will need to demonstrate local community support and outline the community benefits of the project, particularly for Indigenous communities.
Focus:
- BioHeat to reduce fossil fuel use
- Innovative demonstrations to reduce diesel use
- Deployment of renewable energy technologies for electricity

Webinars
French webinar: **March 5, 2018** at 1:00pm EDT
English webinar: **March 7, 2018** at 1:00pm EDT
The webinar will provide a general overview of the Program, the Applicant’s Guide, as well as the application process. Register early. Recordings of the webinars will be posted to the CERRC website at a later date.


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

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

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

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

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

**Ministry of Transportation Ontario (MTO): 2018 Highway Infrastructure Innovations Fund Program**

The objective of the **Highway Infrastructure Innovations Fund Program** is to support research proposals in 1) topics related to highway infrastructure engineering, and 2) interactions of infrastructure with road safety, policy and planning, investment decisions, and environmental sustainability.


**Value:**
Applicants submit a detailed budget. Multi-year funding will be considered.

The funds provided under this program are considered research support and overhead rates should not exceed 25% of the funding provided by the MTO.

Proposals that include funding in cash or in-kind contributions from other government, industry or academia sources, are encouraged.
Application process:
The MTO application deadline is **March 16, 2018**.

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

**McMaster University, Office of Community Engagement in partnership with McMaster University, Paul R. MacPherson Institute for Leadership, Innovation & Excellence in Teaching: Experiential Learning in Academic Programming (ELAP) Grant**

The objective of the *ELAP Grant* is to provide McMaster faculty and staff support for 1) the development and expansion of experiential learning opportunities at McMaster, 2) building experiential learning components into course and program offerings at both the undergraduate and graduate levels.

Experiential learning opportunities could include field experiences, research practica, and placements.

Special consideration will be given to courses and programs in non-professional programs, where historically there have been fewer experiential learning opportunities compared to programs offered in Health Sciences, and STEM (science, technology, engineering and mathematics) disciplines. In addition, there will be an emphasis on graduate courses and courses that involve placements in industry, or in community-based organizations.

Successful applicants will be required to share outcomes and learnings.

[https://mi.mcmaster.ca/resources/ELAP_application.pdf](https://mi.mcmaster.ca/resources/ELAP_application.pdf)

**Value:**
maximum $5,000
All activities supported by this grant must begin in Spring/Summer 2018, Fall 2018, or Winter 2019.

**Application process:**
Proposals must be submitted in a single document to elap@mcmaster.ca by **March 26, 2018**, by 9:00am.

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

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

Successful innovations will engage the private sector and involve input from affected communities in order to provide, supply, or locally generate clean water and sanitation, energy, life-saving information, or health supplies and services.
The innovations must enable local solutions, serve local needs and delivery gaps, overcome common delivery barriers in conflict settings, or improve on the timeliness and cost efficiency of current humanitarian delivery methods.


The following is available:

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

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

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

2) Transition to Scale (TTS) funding, the objective: to support strategic partnerships for the transition to scale and sustainability of innovative solutions.

Value:
maximum $1,000,000 per project over a maximum 24 months

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


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

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Canadian Cancer Society (CCS) Research Institute: Impact Grants

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

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

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


Value:
maximum $250,000 per year for a maximum 5 years

The funds may be used for the purchase and maintenance of animals, expendable supplies, minor items of equipment, payment of graduate students, postdoctoral fellows and technical and professional assistants, open access publication costs, research travel, and permanent equipment.

Grants will be renewable at the end of their term.

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

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

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

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

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

Submission examples:

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

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

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

http://www.cfn-nce.ca/

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

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

CANARIE funds and promotes reusable research software tools and national research data management initiatives to accelerate discovery, provides identity management services to the academic community, and offers advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

CANARIE is hosting the first annual *Canadian Research Software Conference* to further build a cohesive Canadian community of research software developers, that advance the use and reuse of powerful software tools.

Academic researchers will learn, collaborate, exchange ideas, and discuss common issues with a goal of ensuring maximum impact of public funds for research, through the application of state-of-the-art research software.

[https://www.canarie.ca/software/canadian-research-software-conference/](https://www.canarie.ca/software/canadian-research-software-conference/) and [https://www.canarie.ca/about-us/](https://www.canarie.ca/about-us/)

Early registration: $99.
Standard rate after **May 1, 2018**: $150.

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

The objective of the *Project Grant Program* is to support the best possible projects that are 1) novel research approaches supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, 2) part of an ongoing ALS research program and aimed toward the vision of ALS Canada (i.e., a future without ALS), or 3) research focused on avenues to maximize function, minimize disability, optimize quality of life through symptom management and support to families living with ALS.

Examples include, but are not limited to:

- management of secretions and cramps;
. psychological interventions to address mental health issues;
. nutritional interventions;
. respiratory care;
. engineering applications to reduce physical limitations;
. programs to address the needs of caregivers.

https://www.als.ca/research/apply-for-funding/

**Value:**
maximum $125,000 over 1 or 2 years

**Application process:**
The ALS Canada application deadline is **June 8, 2018**.

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

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**Previously announced:**

**Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Networks (SPG-N)**

The objective of the **SPG-N** is to support large-scale, multi-disciplinary research projects in targeted research areas that 1) require a network approach, and 2) involve collaboration between academic researchers and Canadian-based organizations. Strategic Networks may be national, regional, or under exceptional circumstances, local.

It is expected the grant will:

a) generate new knowledge/technology with strong potential to strengthen Canada’s industrial base, generate wealth, create employment and/or influence Canadian public policy;
b) increase the number of highly qualified personnel;
c) foster the increased participation of Canadian-based companies and/or government organizations in academic research;
d) result in the transfer of knowledge/technology and expertise to Canadian-based companies to apply the results for economic gain, or to government organizations to strengthen public policy.

For the 2019 preliminary application competition, only proposals in the following target areas will be accepted:

. Advanced Manufacturing
. Environment and Agriculture
. Information and Communications Technologies
. Natural Resources and Energy

Applications are encouraged in clean technologies across all four target areas and with a focus on the impacts of climate change; including climate change mitigation and adaptation (if appropriate).

http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/SPG-SPS_eng.asp#Networks
Value:
The anticipated budget for the 2019 SPG-N competition is expected to result in up to two new awards across the four target areas.

There are two application categories:

1) The proposed network will investigate a new collection of research objectives that do not build on previous network-scale activities, and have never been funded through NSERC Strategic Network Grants, a Network of Centres of Excellence (NCE) grant, or other federal or provincial network-scale granting programs. The network applies for SPG-N funds between $500,000 and $1 million in year 1; $500,000 and $1.125 million per year in years 2 through 5, for a maximum request of $5.5 million.

2) The proposed network will build upon a collection of research objectives that have been previously funded through an NSERC Network Grant, an NCE grant, or other federal or provincial network-scale granting programs. The network partners must collectively assume more responsibility for funding the network (compared to the previously funded network) to support its research and administration activities.

For every dollar contributed to the network by eligible industry and government partners, up to $3 can be requested from NSERC (e.g., $300,000 per year of partner cash would allow for a request of up to $900,000 per year of NSERC funding). Other contributions to the network are encouraged (e.g., other funding agencies, university support), but are not included in the leveraging of NSERC funds.

The network can request NSERC funding between $500,000 and $1 million in year 1, and between $500,000 and $1.125 million per year in years 2 through 5, for a maximum request of $5.5 million.

Application process:
Notify ROADS of intent to apply by January 22, 2018. The NSERC preliminary application deadline is April 1, 2018.

ROADS contact:
Grace Kim, Assistant Director, Development, at kimps@mcmaster.ca or extension 24765

Government of Canada, Networks of Centres of Excellence Knowledge Mobilization (NCE-KM) Initiative

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

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

The NCE-KM funds may not be used for research-related expenses.
**Value:**
The total competition budget is currently set at $4.8 million over 4 years ($1.2 million/year).

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

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

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

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

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

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**Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE)**

Access the NSERC **CREATE** webinar slides: [http://nsercofcanada.adobeconnect.com/p1v1842ki7nq/?OWASP_CSRFTOKEN=4bb1084b3b9b7c2d4a20cc8abc8a235371ac48ce11e9274a71fa58b2671b257d](http://nsercofcanada.adobeconnect.com/p1v1842ki7nq/?OWASP_CSRFTOKEN=4bb1084b3b9b7c2d4a20cc8abc8a235371ac48ce11e9274a71fa58b2671b257d)

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

The training programs should encourage the following, as appropriate:

a) student mobility nationally or internationally between individual universities, and between universities and other sectors;
b) interdisciplinary research within the natural sciences and engineering (NSE), or at the interface between the NSE and health, or the social sciences and humanities (the main focus of the training must still lie within the NSE);
c) increased collaboration between industry and academia;
d) improve job-readiness within the industrial sector (i.e., exposing participants to the specific challenges of the sector and training people with the skills identified by industry).
Each training initiative must 1) focus on providing a value-added experience to the university training environment, 2) prepare research trainees for their future careers in industry, government, or academia.

NSERC priority areas:

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

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

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

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

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


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

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

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

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

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

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Social Sciences and Humanities Research Council (SSHRC) and the Economic and Social Research Council (ESRC), United Kingdom: Knowledge Synthesis Grants, Understanding the future of Canada-UK trade relationships, March 2018 International Competition

SSHRC and the ESRC, UK, have launched the Knowledge Synthesis Grants (KSG) competition to assess the state of research knowledge on Canada-UK trade relationships, in a post-Brexit context.

The KSG competition aims to foster international collaboration and support the synthesis of existing research knowledge (emerging over the past 10 years) capable of identifying research strengths and gaps, and contribute evidence for policy.

The proposal may involve any discipline and approach, or subject area eligible for SSHRC funding. (review Subject Matter Eligibility at http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx)

Every project must involve a minimum of two researchers, one of whom is affiliated with an institution in Canada, the other with an institution in the UK. The team may also include researchers from other countries.

Successful applicants will be expected to attend two knowledge mobilization events with key stakeholders: a preliminary workshop in Ottawa in July 2018; and a forum to share the knowledge synthesis reports’ results in London, UK, in December 2018. Travel costs for these meetings should be included in the budget submitted as part of the application.


Value:
maximum $30,000 for 1 year (~£17,290.55, subject to the exchange rate of January 29, 2018)

The international teams should include with their application balanced budget requests for both portions of the project, directed to SSHRC and the ESRC, UK, respectively. Budgets cannot exceed a maximum 60/40% split across the two agencies (e.g., C$18,000/£7,000 or £10,000/C$12,000).

Application process:
Notify ROADS of intent to apply as soon as possible. The initial draft of the application is due to ROADS by March 7, 2018. The final draft and a completed and signed Application Approval Form are due to ROADS by March 21, 2018. The SSHRC application deadline is March 28, 2018.

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

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

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

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

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

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

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


Value:
Event funding: maximum $25,000 over 1 year (the minimum request required is $7,000)
Outreach Activities funding: maximum $50,000 over 1 year

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

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

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

Human Frontier Science Program (HFSP): Research Grants

The HFSP Research Grant supports international scientific collaborations. Research Grants are awarded for
innovative research projects involving extensive collaboration among teams of independent scientists, working in different countries, and in different disciplines.

Two types of grants are available:

1) **Young Investigator Grants**, the objective: to fund outstanding, young scientists in the initial period of their independent careers, who are in a particularly good position to formulate innovative and fertile research projects.

Eligibility: teams where all members are within 5 years of starting their first independent position (and within 10 years of receiving a PhD)

2) **Program Grants**, the objective: to allow teams of independent researchers to develop new lines of research through collaboration. Priority will be given to new, innovative research projects for which preliminary results might not necessarily be available. Applications including independent investigators early in their careers are encouraged.

Eligibility: teams of scientists at any stage of their careers

http://www.hfsp.org/

**Value:**
Award/Team Structure:
$250,000 for a team of 2;
$350,000 for a team of 3;
$450,000 for a team of 4 or more.

These figures represent the amount awarded to the whole team per year for a period of 3 years.


**Application process:**
Contact the HFSP to obtain a 2019 reference number by **March 19, 2018**. The HFSP letter of intent deadline is **March 28, 2018**.

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

**AGE-WELL - Grants**

AGE-WELL has recently announced the following funding opportunity:

**AGE-WELL 2018 Catalyst Funding Program**, the objective: to support innovative research projects aimed at generating, promoting, or accelerating economic and social benefit in the field of technology and aging. Catalyst grants will support early-stage, scalable research projects including pilot studies, feasibility studies and
novel approaches, that are aligned with AGE-WELL’s mission and vision. All projects must demonstrate strong potential for real-world impact.

(review About AGE-WELL at http://agewell-nce.ca/about-us)

http://agewell-nce.ca/research/catalyst-funding-program

Value:  
**Catalyst Funding**: maximum $50,000 over 12 months (funding may be renewed for 1 year pending end-of-term review)

Application process:  
The AGE-WELL application deadline for the **Catalyst Funding Program** is March 23, 2018.

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

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**Egg Farmers of Canada: Research Grants**

The objective of the **Research Grant** is to support researchers and industry experts who conduct proactive research across a range of priorities. The priority areas include:

a) Animal care science;  
b) Food safety;  
c) Human nutrition and health;  
d) End of flock management;  
e) Non-food uses of eggs;  
f) Environment and sustainability;  
g) Bird nutrition and health;  
h) Public policy and economics;  

All research projects must align with the research priorities, have a practical application within the industry, and the principal investigator must also work full-time in a Canadian institution or organization.

http://www.eggfarmers.ca/research/

**Value:**  
There is no minimum or maximum limit to the funds available. Applicants submit a budget with a project deadline.

**Application process:**  
The Egg Farmers of Canada letter of intent deadline is March 23, 2018.

**ROADS contact:**  
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Organization for Autism Research (OAR): Applied Research Competition

The objective of the Applied Research Competition is to fund studies that 1) expand the body of knowledge related to autism intervention and treatment, 2) produce practical and clearly objective results, 3) have the potential to impact public policy, 4) provide outcomes that offer to enhance quality of life for persons with autism and their families.

This year, the OAR is placing an emphasis on research that addresses the following targeted areas:

a) healthcare transition;
b) generalization of technology-based intervention;
c) community-based intervention;
d) residential services and supports;
e) literacy;
f) sexuality education.

https://researchautism.org/research-grants/apply-for-a-grant/applied-research/

Value:
maximum $30,000 for 1 – 2 years

Application process:
The OAR preproposal deadline is March 26, 2018.

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

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

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

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

Conference funding cannot be granted for only conference attendance.

Priority will be given to applicants requesting support for the presentation of a peer-adjudicated submission at a major, learned conference.

https://roads.mcmaster.ca/funding/arb/conf and https://roads.mcmaster.ca/forms
Value:
maximum $4,000
Researchers who submit multiple applications to the same competition, or who submit an application to more than one competition within two fiscal years (April 1 to March 31), will be awarded the maximum over a 2 year period.

Application process:
Applications must be received by March 31, 2018 by 4:30pm.

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

Canadian Liver Foundation, Research Grant Competition: Operating Grants

The purpose of the Operating Grant is to support research projects directed towards a defined objective, conducted by an investigator working alone or in collaboration with others.

Four defined operating grants may be awarded:

1. 2 operating grants to researchers in Canada whose research projects are related to hepatobiliary research;
2. 1 operating grant to a researcher in Ontario whose research project is related to liver cancer;
3. 1 operating grant to a researcher in Ontario whose research project is related to pediatric liver disease.

https://www.liver.ca/professionals/researchers/

Value:
maximum $60,000 annually, maximum 2 years

The funds may be used to purchase materials, supplies, items of equipment (costing less than $5,000), buy and maintain animals, and support travel costs (to a limit of $1,000).

Application process:
The Canadian Liver Foundation application deadline is March 31, 2018.

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

WorkplaceNL, Request for Applications: 2017-18 Research Initiatives Program

The objective of the WorkplaceNL Research Initiatives Program is to support improvements in safety practices, disability management, and fostering healthy and safe workplaces throughout Newfoundland and Labrador.
Research Priority Topics:

1) Workplace safety culture;
2) Prevention of musculoskeletal injuries;
3) Serious injuries;
4) Emerging issues for workplace violence;
5) Mental health issues;
6) Occupational disease and exposure;
7) Other topics within the Research Initiatives Program (review [http://www.workplacenl.ca/ResearchInitiative.whscc](http://www.workplacenl.ca/ResearchInitiative.whscc)).

The WorkplaceNL will also consider applications that relate to preventing workplace injury and illness, or helping injured workers recover/return to work.

Applicants must outline the anticipated benefits to Newfoundland and Labrador workplaces, and provide a brief statement regarding strategies for disseminating research findings.

[http://www.workplacenl.ca/ResearchInitiative.whscc](http://www.workplacenl.ca/ResearchInitiative.whscc)

**Value:**
Applicants are required to submit a budget.

**Application process:**
The WorkplaceNL letter of intent deadline is **March 31, 2018**.

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

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The objective of the **Henri Chrétien International Research Grant** is to support further international collaborative projects in observational astronomy.

Emphasis is on long-term visits and the development of close working relationships with astronomers in other countries.

[https://aas.org/grants-and-prizes/chr%C3%A9tien-international-research-grants](https://aas.org/grants-and-prizes/chr%C3%A9tien-international-research-grants)

**Value:**
maximum $20,000 USD
The award may be used to cover astronomical observational research, travel costs, salary, publication costs and small pieces of research equipment.

If appropriate, the recipient’s family is encouraged to accompany him/her on the long-term international visit.

**Application process:**
The American Astronomical Society application deadline is **April 1, 2018**.
Louisville Institute: Collaborative Inquiry Teams

The objective of the Collaborative Inquiry Teams is to support teams of four to eight pastors and professors based in the United States or Canada, who 1) propose projects to strengthen the life of North American Christian congregations, 2) explore a living question currently confronting church and society.

Proposed projects may employ a variety of methodological perspectives including, but not limited to, historical, systematic and practical theology, the social sciences, history, ethics, or bibli
cal studies.

Preference will be given to innovative, interdisciplinary research strategies that investigate adaptive challenges faced by North American congregations.


Value:
maximum $45,000 for a maximum 3 years
The Louisville Institute allows up to 5% indirect costs based on the total direct costs of the project ($2,143 maximum for a $45,000 grant).

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

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

Centre for Addiction and Mental Health (CAMH), Discovery Fund: 2018 Seed Funding Competition - Collaborative Projects

The objective of the Seed Funding Competition is to provide support for 1) innovative, new solutions to solving major challenges in the diagnosis, treatment and prevention of mental illness, 2) investigators during the critical period between the initiation of research and the receipt of sustained funding.

Research Themes

- Brain and/or behavior interventions
- Clinical measure and/or biomarker identification
- Health services research
- Implementation science
- Translating and extending clinical neuroscience into clinical research (the study of mechanisms of disease and new ways of diagnosis and treatments)

Collaborative Projects
For projects to be considered for the collaborative competition, two Principal Investigators are required
typically from two different departments within the University of Toronto, or from two different universities, or institutions.

http://www.camh.ca/en/research/research_areas/DiscoveryFund/Documents/Discovery_Fund_Seed_Funding_Application.pdf

http://www.camh.ca/en/research/research_areas/DiscoveryFund/Pages/default.aspx

**Value:**
maximum $100,000 per year for a maximum 2 years
The seed funding award will be available for a second year based on sufficient progress, continuing availability of funds, and submission of an interim progress report.

**Application process:**
The CAMH application deadline is **April 1, 2018**.

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

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

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

**Research Grants**

1) **Priority Areas for Learning and Teaching Research (PALAT) Grant**, the objective: to support six stated priority areas:
   - Community-engaged education;
   - Interdisciplinary teaching and learning;
   - Social justice, inclusion, and critical pedagogy;
   - Student engagement, retention, and success;
   - Technology-enhanced education;
   - Undergraduate research and inquiry.

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

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

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

Value:
**PALAT**: maximum $4,000 for 1 year  
**Teaching and Learning**: maximum $2,000 for 1 year  
**Petro Canada - McMaster University Young Innovator**: maximum $25,000 for 1 year

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

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

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

### Diabetes Canada - Grants

Diabetes Canada has recently announced the following funding opportunities:

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

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

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

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

http://www.diabetes.ca/getmedia/12a7c3bb-08bb-43f9-835a-2ab2e1ab8f1b/2018_Research_Competition_Guide_-_FINAL_-_English.pdf.aspx and  
http://www.diabetes.ca/research/research-grants-awards-competitions/current-research-competition

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

**Application process**: The Diabetes Canada application deadline is **April 2, 2018**.

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

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

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

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

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

Examples:

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

All projects are *open-focused*.

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


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

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canadian Blood Services: MSM Research Grant Program

The objective of the **MSM Research Grant Program** is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM), while maintaining the safety of the blood supply.


https://blood.ca/en/research/funding-programs

**Value:**
- **Small Project** grants: maximum $50,000 for a maximum 1 year
- **Large Project** grants: maximum $300,000 for a maximum 2 years

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

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

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

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

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

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

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

This opportunity is open to individual investigators in the early phase of their careers at a Canadian Institution, within three years of obtaining an independent research position, by the deadline to apply (April 17/18). Such an individual normally holds the rank of assistant or associate professor, is able to initiate and direct their own independent lines of research, has full responsibility for the running of their laboratories, has full control of their research funds, and is permitted to supervise graduate students.
Value:
maximum $100,000 per project over 2 years

Application process:
The Azrieli Foundation application deadline is April 17, 2018.

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

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

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

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

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

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

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

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

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

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

The objective of the *Rapid Response* program is to provide seed funding for novel, high-risk, high-reward, translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging.
The Rapid Response program will have multiple calls per year, alternating between two different disease groups: 1) Alzheimer’s & Related Diseases (current); 2) Parkinson’s & Related Diseases (opens June 2018).

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

All projects must meet two conditions to be eligible:

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


Value:
maximum $200,000 over a maximum 18 months
Up to 35% of the funds can be used to support international collaborations, or bring unique international resources from outside Canada.

Application process:
The Weston Brain Institute letter of intent deadline is **April 19, 2018**.

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

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

The objective of the **New Investigator Research Grant** is to support early career investigators who successfully lead, participate in, and translate outstanding child health research that will respond to children’s health challenges and needs.

Funding is provided for research in biomedical, clinical, health systems and services, and population and public health sectors.

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

https://www.sickkidsfoundation.com/aboutus/grantsandawards/newinvestigatorresearchgrants

Value:
maximum $100,000 per year for a maximum 3 years
Application process:
The SickKids Foundation application deadline is **April 20, 2018.**

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

**Brain Tumour Foundation of Canada: 2018 Brain Tumour Research Grant**

The objective of the *Research Grant* is to seek outstanding researchers conducting innovative, quality, primary or metastatic brain tumour research.

Applications will be considered for:

- basic, clinical, or translational research including pediatric brain tumours;
- quality-of-life research;
- research proposals that incorporate novel or original concepts that have the potential to make a difference.

[https://www.braintumour.ca/3845/grant-outline--guidelines](https://www.braintumour.ca/3845/grant-outline--guidelines)

**Value:**
maximum $25,000 over 2 years

Application process:
The Brain Tumour Foundation of Canada application deadline is **April 27, 2018.**

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

**Scottish Rite Charitable Foundation: Major Research Grants**

The objective of the *Major Research Grant* is to support biomedical research into intellectual impairment focused on the following:

a) the causes and eventual cure of intellectual impairment such as Dyslexia and Autism, especially as it affects children;
b) the causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.

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

Research into other forms of intellectual impairment may be considered.

[http://www.srcf.ca/research-grants/](http://www.srcf.ca/research-grants/)

**Value:**
maximum $40,000 per year, maximum 3 years
Application process:
The Scottish Rite Charitable Foundation application deadline is **April 30, 2018**.

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

**Mitacs: Globalink Research Award**

The objective of the *Globalink Research Award* is to provide funds for senior undergraduate and graduate students in Canada to conduct research projects at universities overseas. All disciplines are eligible.

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

- Australia
- Brazil
- China
- EU member countries (in France, both universities and Inria Research Centres are eligible host institutions)
- Israel
- India
- Japan
- Korea
- Mexico
- Norway
- Saudi Arabia
- Tunisia
- United Kingdom
- United States

https://www.mitacs.ca/en/programs/globalink/globalink-research-award

**Value:**
maximum $6,000 for 12 – 24 weeks

**Application process:**
Mitacs recommends students apply by **May 2018** for travel planned this Fall.

**Contact:**
Contact international@mitacs.ca for more information.

**Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition**

The objective of the *Joseph H. Fichter Research Grant* is to support members of the Association for the Sociology of Religion involved in promising sociological research on 1) women in religion, or 2) the intersection between religion and gender, or 3) religion and sexualities.

Applicants must be members of the Association at the time of application.
Value:
A total of $12,000 is available. This amount is distributed among several of the leading applications in the year’s competition.

The grant covers only direct research expenses such as transportation expenses to conduct research, the cost of hiring a research assistant or transcriber, and computer software packages that are not typically provided by a college or university (e.g., specialized statistical software packages).

Application process:
The Association for the Sociology of Religion application deadline is May 1, 2018.

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

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

1) The Litwin IBD Pioneers Initiative, the objective: 1) to support innovative clinical and translational research projects with the potential to impact the treatment of inflammatory bowel disease (IBD) patients in the near future, 2) to encourage novel research into the diagnosis, identification of clinically relevant subsets, treatments, and cures for IBD, 3) to fund innovative pilot research for scientists to test their initial ideas and generate preliminary data. [Link]

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

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

Application process:
The Crohn’s & Colitis Foundation, Litwin IBD Pioneers Initiative, letter of intent deadline is May 1, 2018.

The Senior Research Awards letter of intent deadline is May 1, 2018. The application deadline is July 1, 2018.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges

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

Focus:


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

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

Application process:
The first application window opens November 14, 2017 and will be open for six months.
The Misk Foundation application deadline is **May 2018**, (the approximate deadline, May 14, 2018)
Additional information to follow. [http://miskgrandchallenges.org/challenges.html](http://miskgrandchallenges.org/challenges.html).

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

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

The objective of the *ICLR Quick Response Program* is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data.

The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

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

1) Adaptation/Mitigation behaviours;
2) Hazard risk communication - pre/post disaster;
3) Community recovery/household recovery capacity;
4) Resilience indicators;
5) Damage assessments (social/environmental/economic);
6) Interagency and intergovernmental coordination;
7) Perceptions of natural hazards;
8) Post disaster mitigation – build back better.
In addition to expanding academic knowledge, funded researchers submit brief reports that make preliminary analyses of recent events available to ICLR’s multidisciplinary network of researchers, practitioners and educators, as well as other interested parties.

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

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

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

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

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

Shastri Indo-Canadian Institute (SICI): Grants

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

1) Global Initiative for Academic Network (GIAN) Programme, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence.
(review Scope of GIAN, priority areas at http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/)

Value:
Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

Application Process:
Applications can be submitted throughout the year.

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

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

**Application Process:**
Applications can be submitted throughout the year.

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

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

**Application Process:**
Applications can be submitted throughout the year.

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

**Weston Brain Institute, Early Phase Clinical Trials: Canada**

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

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


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

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call

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

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

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

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

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

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

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

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

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

Value:
maximum $70,000 for 1 year

Application Process:
Applications are considered on a rolling basis with a response time as early as 30 days.

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

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

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

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

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

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