Week of February 9, 2018

Dear colleagues,

Please find below this week’s updates:

- On behalf of Dr. Matt Sibbald and the CSBL team, The Centre for Simulation Based Learning is now accredited by the Royal College of Physicians and Surgeons. As many training programs are undergoing substantial change, we are conducting a 10 minute faculty survey to understand your simulation needs, and how we can best address them. We are very interested in your opinions, and hope you can set aside a few minutes to complete this brief survey.

- You are invited to attend a special PHRI Lecture on February 13, 2018 with Chanchlani Global Health Research Award Recipient, Dariush Mozaffarian. There are two presentations taking place that day in the PHRI Main Auditorium. Please see the attached poster for more information.

- You are invited to register for the inaugural McMaster Critical Care Update. It will take place on April 26th, 2018 at the Royal Botanical Gardens, Burlington, ON. Further information can be found here.

- Please find attached the slides from this week’s NSERC CREATE webinar, as well here is the link to the recording of the presentation itself. Please let Nathan Coschi, at coschimn@mcmaster.ca know if you experience difficulties with the link to the recording.

If you plan to submit an LOI, please notify your Department Chair, Health Research Services (hsresadm@mcmaster.ca), as well as ROADS (Nathan Coschi, at coschimn@mcmaster.ca or extension 21581) by February 26, 2018. The LOI is due to the Research Office for Administration, Development and Support (ROADS) by March 19, 2018.

Please note that NSERC has limited the number of LOIs that may be submitted by McMaster to six. LOIs submitted by March 19, 2018 will undergo an internal review process, using NSERC’s selection criteria as outlined below. Only those selected by McMaster’s internal selection committee will be forwarded to NSERC by May 1, 2018.

- The Division of Emergency Medicine invites you to review their Winter 2018 edition of the Emergency Medicine McMaster Newsletter attached.

- Please join us at Grand Rounds next week on February 15, 2018 at 8:00 am. Medical Grand Rounds-SJH will be hosting Dr. Matthew Miller in the Miller Amphitheatre, SJH who will be speaking on IgA nephropathy. Chair’s Medical Grand Rounds will be hosting Dr. Alfred Cividino in MUMC 4E20 who will be speaking on Silence of the Limbs. 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
CHANCHLANI GLOBAL HEALTH RESEARCH AWARD RECIPIENT

Dariush Mozaffarian
Tufts University

MD DrPH
Jean Mayer Professor of Nutrition and Medicine
Dean of the Friedman School of Nutrition Science & Policy

TUESDAY, FEBRUARY 13, 2018

CARDIOLOGY ROUNDS LECTURE

DIETARY PRIORITIES FOR OBESITY: ARE ALL CALORIES CREATED EQUAL?
8:00 a.m. - 9:00 a.m.
PHRI Main Auditorium

PHRI SPECIAL ROUNDS LECTURE

DIETARY FATS AND CARDIOVASCULAR RISK – HOW HAS THE SCIENCE CHANGED?
12:00 p.m. - 1:00 p.m.
PHRI Main Auditorium
Collaborative Research and Training Experience (CREATE) Program

February 5, 2018
Welcome

- Team Leader: Teresa Jurewicz
- Program Officers:
  - Philippe Desjardins
  - Guy Faubert
- Program Assistant:
  - Lola Adejumo
  - Lise Bériault

CREATE@NSERC-CRSNG.GC.CA
• Program overview
• Application process
• Selection criteria

Program objectives

CREATE supports the training of students and postdoctoral fellows from Canada and abroad through the development of innovative training programs that:

- encourage collaborative and integrative approaches that address significant scientific challenges
- facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce
CREATE encourages

- Enriched training experiences
- Improved job readiness
- Professional skills development
- Industrial collaboration
- Student mobility
- Interdisciplinary research
Qualities of successful CREATE initiatives

- Innovative nature
- Rich training environment
- Excellence of the researchers and their training success
- Capacity to raise the standard for best practices in training
- Promoting collaboration and international awareness
# Value of the Grant

<table>
<thead>
<tr>
<th>Year</th>
<th>Value Description</th>
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<tbody>
<tr>
<td>Year 1:</td>
<td>Normally, $150,000 (± $50,000)</td>
</tr>
<tr>
<td>Years 2 – 6:</td>
<td>Normally, $300,000 (± $50,000) per year</td>
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<tr>
<td>Total:</td>
<td>up to $1,650,000 over 6 years</td>
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- Non renewable
- Start Date: April 1 default or Sep 1 by request
Expectations

Year 4-6 funding is dependent on positive performance evaluations by NSERC.

Regular progress reports are required.

Must demonstrate that proposed objectives, training elements, HQP targets, etc., are being met.

i.e. applicants are held accountable and must follow through on what is promised in their proposals.
Allowable expenses

- **At least 80% to trainee stipends**
  - Up to 30% of this may go toward non-NSE trainees

- Remaining 20% may be used for...
  - Trainee travel (conferences, exchanges, internships, etc.)
  - Training program administration (e.g. salary of program coordinator)
  - Dissemination of training materials
  - etc.

Note that travel costs of the applicants, co-applicants, collaborators, program committee members, and project coordinators are not eligible.
Trainee stipends

• No minimum or maximum

• May be complemented by other sources
  • Supervisors
  • Collaborators
  • Scholarships

• A stipend from CREATE is not a requirement for trainee participation in the initiative

• Emphasis of the initiative must be on graduate students, but undergraduate and postdoctoral trainees may also be supported
Teams leading CREATE initiatives

- A complementary group of researchers
- From eligible Canadian universities
- For multi-university applications: must have at least one co-applicant involved for trainees at that institution to be eligible to receive CREATE stipends
- Work collaboratively to offer a defined training program to a group of trainees
- Supporting Gender Representation and Advancement
Teams leading CREATE initiatives

- Lead applicant must be from an NSERC-supported field at an NSERC-eligible university
- At least 70% of the group must be in NSE (co-applicants may be from other fields)
- Can an applicant or co-applicant be involved in an existing CREATE grant at the time of application?
Program committee

Program committee (PC) consists of a variety of stakeholders, e.g.

- Potential future employers of graduates
- Collaborators
- Curriculum developers
- Trainees

Program evaluation and guidance
Regular stream CREATE may involve any collaborations: academic/government/industry/NGO, Canadian/international

International Stream:

CREATE + Germany’s DFG-IRTG: for collaboration with German researchers. Funding aligned with DFG-IRTG program duration: up to 9 years instead of 6 years for regular or industrial stream CREATE (same grant value).

Industrial stream CREATE: requires industrial participation

Applications to the DFG-IRTG and Industrial streams are not evaluated separately from the regular stream applications
Industrial Stream

Up to 50% of the CREATE grants will be awarded to industrial stream applications.

- Increased emphasis on preparing trainees for non-academic careers; enhanced academic-industrial collaboration
- Requires participation of industrial collaborators on the program committee
- Requires industrial internships for trainees of at least 20% of their studies
Industrial collaborators

• Canadian-based businesses, able to exploit the research results for the economic benefit of Canada.

• International companies eligible if activities related to the proposed research take place in Canada (e.g. R&D, manufacturing); if their participation will result in a benefit to Canada.
Application Procedures

Phase 1: **Letter of Intent (LOI)**

Phase 2: **Application** (if invited)
Phase 1: Letter of Intent Selection process & criteria

1. Internal selection at university (quota based)
2. CREATE Selection Committee
   - Merit of proposed training program (60%)
   - Excellence of the research team (40%)
Phase 1: Letter of Intent

- **Form 187:** Letter of Intent to Apply for a CREATE
  - List co-applicants (min 1, max 10)
  - Collaborators
  - External Reviewers suggestions (6)
    - LOIs will not be sent for external review
Phase 1: Letter of Intent

- Personal Data Form (Form 100)
- Letter from VP Research of the lead university
Phase 1: Letter of Intent

- Outline of Training Program (max 2 pages)
  - Objectives
  - Novelty
  - How trainees would be better prepared for careers
  - Involvement of stakeholders
  - Description of potential future employers, assessment of job prospects for trainees
Phase 1: Letter of Intent

- Excellence of Proposed Team (max 2 pages)
  - Complementarities
  - Expertise
  - Roles, responsibilities
  - Training experience
Phase 2: Full application

Selection process & criteria

Only if invited

Criteria:
- Merit of proposed training program (50%)
- Excellence of the research team (25%)
- Program management and sustainability (25%)
Phase 2: Full application

- Personal data form (Form 100) for the applicant
- Personal data form (Form 100) or CCV for all co-applicants (max 10)
- One letter from the lead applicant’s university
  - Support, financial commitments
- Up to 3 letters from collaborators, if applicable
  - Nature of support
Phase 2: Full application

- Form 102 – Application for a CREATE grant
  - Application profile
  - Plain language summary of proposal
  - Co-applicants and collaborators
  - Proposed expenditures
Phase 2: Full application

- Research training program proposal
  (free-form, 12 pages + 1 for references)
  - Objectives
  - Elements of the training program
  - Estimated number of trainees
  - Job prospects
  - Program Committee
  - List of deliverables (new!)
Phase 2: Full application

- Budget justification (free form, 2 pages)
- Support from other sources (free form, 2 pages)

- Maximum 1 Letter of support from lead university:
  - List of all contributions from the university
  - Describe the details of support
  - Involvement in the training program
  - Plans to ensure sustainability
Additional requirements for industrial stream applications

• Skills identified as needed for a career in industry
• Description of improved job-readiness for industry sector
• Details about trainee internships
Additional application requirements for industrial stream

Letter of Intent (phase 1)

- **ONE e-mail/letter** from industry partner confirming:
  - Willingness to participate on the **program committee**
  - Intent to host **internships**
Additional application requirements for industrial stream

Application (phase 2)

- Max 3 letter(s) from industry partner(s) confirming
  - Commitment to participate on the **program committee**, with confirmed name of the industrial member
  - Commitment to host trainee **internships** of at least 20% of the duration of trainees’ studies. **Agreements must be in place and should be guaranteed** (may be dependent on success of application).
Application procedures for DFG collaborations

**Phase 1**
- Pre-proposal at DFG

**Phase 2**
- German researchers submit a full application to DFG
- Canadian researchers submit a full application to NSERC
## Competition statistics

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
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<tbody>
<tr>
<td>LOIs received:</td>
<td>125</td>
<td>114</td>
<td>109</td>
<td>108</td>
</tr>
<tr>
<td>Candidates invited:</td>
<td>48</td>
<td>52</td>
<td>53</td>
<td>55</td>
</tr>
<tr>
<td>Applications received:</td>
<td>45</td>
<td>52</td>
<td>51</td>
<td>53</td>
</tr>
<tr>
<td>Grants awarded:</td>
<td>17</td>
<td>13</td>
<td>17</td>
<td>TBD</td>
</tr>
</tbody>
</table>
Important Dates

March/April: Letter of Intent deadline (Univ.)
May 1: Letter of Intent deadline (NSERC)
June 30: Invitation to submit an application
September 22: Application deadline (NSERC)
March: Notification of results
More Information

• Program description:
  [link](www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp)

• Your university’s research grant office

• The NSERC CREATE Team
  • E-mail: [CREATE@nserc-crsng.gc.ca](mailto:CREATE@nserc-crsng.gc.ca)
This November was marked as an end of an era for Mac Emerg with the retirement of Dr. Margaret Ackerman. Dr. Ackerman has served us as the EM Division Director for the Department of Medicine since 2007. Her legacy, however, extends far beyond that. She has been a leading figure in the formation of our specialty in Canada. When you ask across the country, Dr. Ackerman has been a highly influential character. It is under her administration that the Royal College of Physicians and Surgeons training program in Emergency Medicine was started here at McMaster University in 1989. Over that first 10 years, she laid the foundation to show a whole generation of great educators what it means to be a great program director.

Among the alumni that trained under Dr. Ackerman are highly influential characters within our specialty and beyond: Dr. Glen Bandiera (who has gone on to be both program director of RCPSC EM and an associate postgraduate dean at the University of Toronto), Dr. Carys (née Callum) Massarella (who became the RCPSC EM program director and chief of staff at St. Joseph’s Hamilton), Dr. Andy McCallum (who has held the position of chief coroner of Ontario and CEO of ORNG), Dr. Abdullah Al Hodaib (our very first outside funded resident has held the positions as Chairman, Emergency Department, Director, Residency Training Program, Chair, Exam Committee and Chair, Scientific Board of Emergency Medicine). For her career’s worth of hard work and dedication to our specialty, Dr. Ackerman will be awarded the 2017 McMaster Department of Medicine Teaching Award recognizing dedication and excellence in postgraduate studies in May 2018.

If you would like to join us in celebrating Marg’s career, please contact Teresa Vallera about the dinner at Aberdeen Tavern on Friday, February 9, 2018. Also stay tuned from the Chair’s office for information about the Department of Medicine Awards dinner in the coming months.
**Dr. Michelle Welsford,**
**New Division Director, Dept. of Medicine**

Dr. Michelle Welsford is a “wannabe” paramedic who determined her bad knees would never withstand a career in paramedicine, so she enrolled in medical school. Not unlike the other adrenaline junkies in this Division, her love of late nights and aversion to the bright orb in the morning, made her well suited to Emergency Medicine (sound familiar Dr. Pardhan?). She has been “hanging around” the Division of Emergency Medicine at McMaster for over 17 years now, always telling us that “inertia” was keeping her from moving back to the west coast.

As the 2nd full Professor in the Division (move over Dr. Andrew Worster!), we thought we would finally get her to do something useful by enticing her to be the DD. Apparently if you offer Nespresso and cookies, that is all it takes. If you need to reach Michelle, we’ve noticed that sending an email at 2 am often gets a quick response!

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**New Appointments**

**Dr. Alexander Chorley**  
**Assistant Clinical Professor**

Alex is a recent grad from the McMaster University RCPSC training program. He is also completing his diploma via the McMaster Clinician Educator Area of Focused Competency (AFC) program. Alex has a keen interest in both the Undergraduate and Postgraduate Programs. He is the brains behind the recent curricular revamp in the residency academic half-day curriculum. He is involved with the OSCE exam as well as EM clerkship teaching. Alex is highly involved in simulation, half-day presentations and mock oral exams. Dr. Chorley will also be joining the Continuing Professional Development (CPD) team to develop new programming for practicing physicians. Welcome aboard Dr. Chorley!

**Dr. Dean Vlahaki**  
**Assistant Clinical Professor**

Dean is another one of our recent grads from the McMaster RCPSC training program. During that time he developed an area of academic focus around Point-of-Care Ultrasound (POCUS). Dean is well invested in the clinical education of trainees in both the Undergraduate and Postgraduate Programs. He is involved with the OSCE exam as well as EM clerkship teaching. We look forward to Dean’s involvement in the upcoming Point-of-Care Ultrasound AFC, half-day presentations and mock oral exams. Welcome aboard Dr. Vlahaki!

**Dr. Teresa Chan**  
**Program Director, Clinician Educator AFC**

Dr. Teresa Chan has been newly appointed as the new Program Director for the Clinician Educator AFC Program. She will leading a team to help the 25 scholars in the program achieve their AFC diplomas. The trainees in this program hail from both the RCPSC and CCFP colleges, and spans 3 of McMaster’s Campuses (KW, Niagara, Hamilton). For more information about the program, check out the program’s website.
Congratulations to Dr. Teresa Chan in winning the 2018 Physicians’ Services Incorporated Graham Farquharson Knowledge Translation Fellowship.

Dr. Chan is one of two recipients of this Fellowship in 2018. This will support her work which explores how social media can assist us in knowledge translation. She follows after Dr. K. De Wit who was the winner in the previous year. For more information about the PSI KT fellowship - read it here: http://www.psifoundation.org/Fellowship/Fellowship.php

Congratulations to our Award Winners

Dr. Ackerman will receive this award at the annual Department of Medicine Awards dinner, which will be held on Monday, May 7, 2018.
It has been a busy time in the FRCPC Residency Program. Over the past 6 months we have:

1. Launched our new Academic Half Day Curriculum
2. Started a new Quality Improvement Curriculum
3. Updated and improved our M&M Rounds
4. Completed a highly successful Disaster and Critical Care day

Along with this, we are busy preparing for the launch of CBME in July of 2018 with our new group of Residents.

Critical Care Day and Disaster Day were a huge success! Between the 2 days, our residents completed thoracotomies, crics, and successfully managed over 100 simulated patients through our make-shift “emergency department” in the Marg Charters Auditorium.

There were also some very impressive pumpkins in our annual pumpkin carving competition.

Over the next few months we will be sending out information about how Competency Based Medical Education (CBME) will work for our residents. It is unlikely that faculty will see much of a difference in terms of day to day activities for the residents although there may be some changes in the evaluation forms you are asked to complete when they finish their shifts. Recruitment for the 2018-2019 academic half-day curriculum will also begin in the coming months - stay tuned!

Dr. Alim Pardhan
FRCPC (EM) Program Director
@AlimPardhan
CaRMS: October 31, 2017 was an especially “frightful” day for our CCFP-EM applicants for the 2017-2018 academic year. The McMaster CCFP-EM Program successfully hosted another successful and busy CaRMS interview event at the David Braley Health Sciences Centre.

Special thanks to the Department of Family Medicine for hosting our event and also to our regional campuses in Kitchener-Waterloo and Niagara for their continued participation in our extensive CaRMS process. Dr. Erich Hanel served as host and successfully navigated his first CaRMS interview day. Congratulations Erich!

Dr. Raj Vadera
Division Director,
Department of Family Medicine

CCFP Division Update

Dr. Liane Shipp-Dey
Assistant Clinical Professor

Liane is a recent grad from the McMaster University CCFP-EM training program. We congratulate and welcome Dr. Liane Shipp-Dey to the HHS Staff Physician Group and her most recent appointed as an Assistant Clinical Professor with the Department of Family Medicine.

Liane is a recent graduate of the CCFP EM Program, and held the position of Chief Resident for the Class of 2017.

We look forward to Liane’s contribution to teaching as a new member of McMaster Faculty.
Dr. Andrew Healey has recently been featured in the OMAs Spotlight on Health!

“There is a privilege that we have being physicians – there are moments of reassurance for people and moments of relief of suffering and when I’m part of that and able to offer that, I believe I’ve been able to contribute something to society that is lasting,” he says. “That’s a privilege we have as physicians that few professions share.”

Read more here at this link: http://www.ontariosdoctors.com/spotlight-on-health-healey/
This year's 10:EM conference focused on the topic of “Sports and the Great Outdoors”. Led by Drs. Jennifer Thompson, Alim Nagli, and Teresa Chan, the 10:EM conference brought in experts from our region to teach our doctors, nurses, and paramedics about sport-related and environmental accidents.

This year’s line-up featured local experts including Gaellen Kalles (RN), Kevin Morgan (ACP), Dr. Alana Hawley (PGY5), Dr. Jennifer Thompson, Dr. Ira Price, Dr. Eric Koelink, and Dr. Hamish Cowan.

We also welcomed experts Dr. Kathy Boutis (SickKids) and Dr. Arun Sayal (CASTED, NYGH).
In 2018 we will be planning to have a few small group rounds:

1. REACH Rounds
For those interested in Research, Education, Administration, Clinical, Health services.

These are the great ideas and thoughts out there that can help us improve patient care. These rounds will be meant to highlight the great work we have locally. We will do this by inviting all those interested in finding out more about our division’s research and scholarship to come attend rounds where some of our local talent will present their most recent work! Stay tuned for some dates coming up in your inbox. This event will also be open to all levels of trainees, Peds EM folk, and Community physicians.

Our first-ever REACH rounds year will be hosted by Dr. Kerstin De Wit. 2pm, January 31, 2018. Venue will be the Large Conference Room at the Divisional Offices (HGH 2nd floor). RSVP to Teresa Chan (teresa.chan@medportal.ca)

Back by popular demand, BEER rounds will feature small group discussions on common educational problems we have in our practices. Joining up with the Peds EM folks, these rounds have resulted in great discussions and networking for those interested in upping their education game.

The first of these of the 2018 year will be hosted by Dr. Alex Chorley. 3pm, Feb. 5, 2018.

Register at this link: https://goo.gl/forms/UCJuvLeNNY3zmhi2

Venue & topic will be announced by email to registrants about 1 week before.
For those looking to spice up their usual CPD, our future CPD reports will try to feature some novel resource from the Free Open Access Medical education (FOAM, and on Twitter #FOAMed) world of online resources.

This quarter’s featured resource is the CanadiEM website.

This group recently won the Most Innovative Blog award from 2017 ALiEM awards - and as Nikita Joshi states in her blog post: “…this blog is moving the #FOAMed needle and providing EM providers in and outside of Canada with exceptional education.”

Did you know that our faculty members are quite active in the online education world? Many of our faculty have contributed actively to the CanadiEM.org website. This website launched in January of 2016 and aims to develop online community that develops high-quality, freely accessible educational resources for Canadian healthcare providers.

It has everything from podcasts (CRACKCast) to its innovative Infographics (lead by our own Alvin Chin, PGY2), and occasionally uses pop culture to open the door for review of key concepts (e.g. these Game of Thrones posts on Jon Snow and King Joffrey).

Did you know? CanadiEM has very strong ties to McMaster Emergency Medicine. Our local MacEmerg faculty who have contributed to this blog include Dr. Teresa Chan, Dr. Kerstin De Wit, Dr. Alvin Chin (PGY2), Dr. S. Luckett-Gatopoulos (PGY4), Dr. Shawn Mondoux, and Dr. Alim Pardhan.

Drs. Kerstin De Wit, Sameer Sharif, and Teresa Chan are also working with other McMaster Faculty and alumni to produce the new Blood & Clots series. Check out this new series here: https://canadiem.org/bloodandclots/

You can follow the CanadiEM team on Twitter (@WeAreCanadiEM), Facebook (https://www.facebook.com/CanadiEM/) or simply by checking out the website directly (www.CanadiEM.org).
Continuing Professional Development Update (cont’d)

Upcoming Conferences

This section highlights some upcoming Emergency Medicine conferences. Let us know if you have any other suggestions.

NCER 2018 - Banff, Feb 20-22
A great chance to network with colleagues from across the country about research and scholarship! Several of our local faculty are slated to attend.

Find out more at: http://caep.ca/research/ncer

CORD Academic Assembly - San Antonio, TX
April 22-25, 2018

One of the pre-eminent conferences for EM educators, this conference brings together education, scholarship, leadership, and faculty development under a one stop shop. Find out more here: https://www.cordem.org/i4a/pages/index.cfm?pageid=3760
CAEP 2018 - Calgary, AB  
May 26-30, 2018  
(Preconference events May 24-25)

The best Canadian Emergency Medicine conference, and the most fun! This year’s conference promises to be highly innovative and exciting. Many of our faculty and residents have submitted their research and scholarship to this conference, and a few of them will certainly be speaking! Preconference events ranging on topics from Geriatrics to Simulation Education, and even Leadership May 25, 2018.

Find out more about the conference at: http://caepconference.ca/

SAEM18 - Indianapolis, IN  
May 15-18, 2018

A chance to network with an international group of academics in Emergency Medicine. Rumour has it at least one resident is presenting! http://www.saem.org/annual-meeting

Early Bird Registration
Deadline: March 19
McMaster Emergency Medicine has been especially productive in the year of 2017. Check out some of our group’s most recent publications! Congratulations to all of our authors!


Kavsak, P. A., & Worster, A. (2017). Does the LoD cutoff + the TIMI score = a NICE approach to rule-out a major adverse cardiac event in the emergency department? Journal of Laboratory and Precision Medicine, 2(12).


Kavsak, P. A., & Worster, A. (2017). Does the LoD cutoff + the TIMI score = a NICE approach to rule-out a major adverse cardiac event in the emergency department? Journal of Laboratory and Precision Medicine, 2(12).

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ugemerg@mcmaster.ca

CCFP-EM Program
Maria Campagnolo
Administrative Coordinator
905-521-2100 73547
campag@mcmaster.ca

How to keep in touch?

Remember, to find out about upcoming events:

Follow us on Twitter: @MacEmerg

Or, like us on Facebook:
https://www.facebook.com/MacEmerg/

Also, check out our website:
https://fhs.mcmaster.ca/emergmed/index.htm

SAVE THE DATES

Here are some important upcoming dates you should save in your calendar for upcoming events in the Divisions of Emergency Medicine.

Annual Awards Dinner
Thursday, May 31, 2018

Resident Welcome BBQ
Thursday, July 5, 2018

Royal College Resident Research Day
Thursday, November 22, 2018

Holiday Breakfast
Thursday, December 13, 2018
**News & Events**

**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:

**Webinars on the Project Grant: Spring 2018 Application**

CIHR is holding a series of webinars on the [Project Grant: Spring 2018](https://www.cihr-icrhi.gc.ca/e/53630.html) 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](https://learningforapplicants.icrhi.gc.ca/) 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.](https://www.surveymonkey.com/r/2WDY26Q)
NSERC Collaborative Research and Training Experience (CREATE) Information Session

In preparation for the next CREATE competition, NSERC will hold an information session via webinar to provide an overview of the CREATE program and application process. The dates of the sessions are as follow:

English session:  February 5th 2018, 1:00 p.m. to 3:00 p.m. (ET)
French session:  February 7th 2018, 1:00 p.m. to 3:00 p.m. (ET)

Registration is not necessary – anyone can connect using the link provided below.

For Linux users, you should install the add-in by following this link:

To join the English session, click here:
http://nsercofcanada.adobeconnect.com/create_info_session/

Or copy and paste the link into your internet browser
Choose the “Enter as a Guest” option and enter your name and/or university
Press “Enter Room”.

First time attending an Adobe Connect meeting?
Test your connection
Get a quick overview

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Enter the Conference ID: 7462843

The webinar will be recorded. Following the presentation, a link to that recording will be emailed so that those who are unable to attend may watch the recorded webinar later at their convenience.

Please send any questions regarding the CREATE program and/or the application process in advance to Nathan Coschi at coschimn@mcmaster.ca who will then forward combined questions to NSERC to address in the presentation.

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**CIHR – Undergraduate: Summer Studentship Award (2018)**

The primary objective of the Summer Studentship Award program is to target the early stage of the student’s academic training to increase research capacity and encourage the pursuit of the specific areas of strategic interest identified by the Institute of Musculoskeletal Health and Arthritis.

**Funding Details:** The total amount available for this funding opportunity is $150,000, enough to fund approximately 30 awards. This amount may increase if additional funding partners participate. The maximum stipend amount per award is $5,000 for four months. An additional 25 percent (at minimum) above the stipend contribution (i.e. $1,250 or more) must be secured from other sources by the supervisor(s), such as university funds, CIHR and/or NSERC grants, or any other research funds.
Additional Details
Internal HRS Deadline: February 7, 2018
Sponsor Deadline: February 21, 2018

CIHR – Team Grant: Research Network on Lyme Disease
The Lyme Disease Research Network grant is expected to:

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

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

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

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

CIHR – Operating Grant: SPOR PIHCI Network – Knowledge Synthesis Grants 2018
The specific objective of this funding opportunity is to support cross-jurisdictional teams of researchers and knowledge users to produce knowledge syntheses or scoping reviews relevant to the priorities of the Primary and Integrated Health Care Innovations (PIHCI) Network, contributing to the use of synthesized evidence in decision-making and practice across multiple jurisdictions.

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

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

Additional Details
The NPA must be engaged with a member network that received Network Management and Operations Grant funds.
Internal HRS Deadline: February 20, 2018
Sponsor Deadline: March 6, 2018

The specific objective of this funding opportunity is to support comparative policy analysis and/or policy implications of system-scalable innovations to examine what and how policies across various provincial/territorial jurisdictions yield similar or different health outcomes. Findings are expected to guide evidence-informed policy decision-making and to inform future cross-jurisdictional research.

Funding Details: The total amount available for this funding opportunity is $625,000, enough to fund approximately five (5) grants. CIHR’s maximum contribution per grant is $62,500 per year for up to two (2) years.

Additional Details
The NPA must be engaged with a member network that received Network Management and Operations Grant funds.
Internal HRS Deadline: February 20, 2018
Sponsor Deadline: March 6, 2018
CIHR Project Grant: Spring 2018

Priority Announcements offer additional sources of funding for highly rated applications that are relevant to specific research areas. Applications are submitted through the "201803PJT" competition of the Project Grant: Spring 2018 funding opportunity. CIHR and partner(s) financial contributions for this initiative are subject to availability of funds. Should CIHR or partner(s) funding level not be available or be decreased due to unforeseen circumstances, CIHR and partner(s) reserve the right to reduce, defer or suspend financial contributions to awards received as a result of this funding opportunity.

CIHR Research Priority Areas
- Aboriginal Peoples' Health
- Aging
- Antimicrobial Resistance
- HIV/AIDS (Updated: 2018-01-03)
- Infection and Immunity
- Musculoskeletal, Skin and Oral Health: Clinical Research
- Neurosciences, Mental Health and Addiction
- Nutrition, Metabolism and Diabetes
- Sex, Gender & Health Research - Integration & Innovation

Funding Details: The total amount available for this funding opportunity is $100,000. The maximum amount awarded for a single grant is $100,000 per annum for up to one (1) year.

Additional Details
LOI Deadline: February 6, 2018
Internal HRS Deadline: February 26, 2018 4:00 pm on RNet
Sponsor Deadline: March 6, 2018

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:
  o $210,000 is available to fund 6 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
  o $350,000 is available to fund 10 awards in Central Canada (including Quebec, Ontario, and Nunavut)
  o $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:
  o $325,500 is available to fund 3 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
  o $542,500 is available to fund 5 awards in Central Canada (including Ontario, Quebec and Nunavut)
  o $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 – Canadian Microbiome Initiative 2: Research Core
The objective of this funding opportunity is to develop a sustainable pan-Canadian Research Core that will:

- Support the sharing of cohort data, samples and bacterial strains to improve accessibility for Canadian researchers;
- Harmonize and optimize microbiome research protocols (11), including sample collection and processing in order to facilitate research reproducibility;
- Ensure that sex as a biological variable and gender as a social determinant of health are appropriately integrated into the data platform, research protocols and other core activities to expand the evidence base and research capacity in the field;
- Develop linkages among the Canadian research teams and linkages with international partners and stakeholders (e.g., the Joint Programme Initiative, Healthy Diet for a Healthy Life (JPI HDHL) Intestinal Microbiomics Initiative) in order to facilitate collaboration;
- Coordinate and facilitate multi-disciplinary training and mentoring to contribute to the development of the next generation of researchers; and
- Facilitate knowledge translation of Canadian microbiome research.

Funding Details: The total amount available for this funding opportunity is $2,125,000. This amount may increase if additional funding partners participate.

Additional Details
LOI Deadline: February 13, 2018
Internal HRS Deadline: August 7, 2018
Sponsor Deadline: August 21, 2018

CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform
The objectives of the SPOR National Data Platform will be to:

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

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

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

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

CIHR – Team Grant: 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

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**Ontario Workplace Safety and Insurance Board (WSIB): 2018 Grants Program**

The Grants Program will enhance workers’ compensation system outcomes by supporting innovative proposals that are aligned to the WSIB’s mandate and strategic objectives. This will be accomplished through highly practical research studies and training initiatives that resolve long-standing barriers or address emerging issues. The WSIB Grants Program accepts the following types of proposals:

1. **Research Proposals**
   - Expert research proposals that deliver practical results for the workers’ compensation system
     - Results will lead to policy, program and practice improvements
     - Proposals for systematic reviews will also be considered
   - Workplace-based projects that involve collaborations between the workplace, researchers and organizations
     - Proposals may include implementing completed research, piloting programs, and conducting evaluations to improve outcomes

2. **Training Proposals**
   - Initiatives that help workers, employers and the compensation system resolve long-standing barriers
   - Innovative opportunities that build capacity in the community and offer significant potential to improve compensation system results

**Funding Details:** maximum $200,000 per year, maximum 2 years

**Additional Details**

Internal HRS Deadline: February 6, 2018  
Sponsor Deadline: February 20, 2018

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**Canadian Institute for Advanced Research (CIFAR) Azrieli Global Scholars Program 2018**

CIFAR invites exceptional early career researchers to join CIFAR’s global network of 370 researchers from 18 countries who together are pursuing answers to some of the most complex challenges facing the world today. The CIFAR Azrieli Global Scholars program provides funding, skills training, mentorship, and opportunities to collaborate with outstanding colleagues from diverse disciplines to position scholars as leaders and agents of change within academia and beyond. Applicants can be from anywhere in the world, must hold a PhD (or equivalent) and be within the first five years of a full-time academic appointment. Scholars’ research interests must be aligned with the themes of an eligible CIFAR research program.

In 2018, the eligible programs are:
- Azrieli Program in Brain, Mind & Consciousness
- Bio-Inspired Solar Energy
- Gravity & the Extreme Universe
- Humans & the Microbiome
- Molecular Architecture of Life

**Funding Details:** $100,000 CDN in unrestricted research support
**Grand Challenges Canada: Saving Lives at Birth 8th Call for Innovations**

Saving Lives at Birth: A Grand Challenge for Development has launched its eighth call for groundbreaking, sustainable innovations to save the lives of mothers and newborns in the hardest to reach corners of the world. In Round 8, Saving Lives at Birth seeks to catalyze scale and sustainability of the most promising solutions that bring together cutting-edge science and/or low-cost technologies, service delivery, and demand innovation in transformative new ways.

Saving Lives at Birth has mobilized the world’s brightest thinkers to address the critical issue of maternal and newborn health. Globally, an expansive pipeline of audacious maternal and newborn health innovations has emerged over the past seven years and to date, the Grand Challenge for Development has funded 116 unique innovations.

In the eighth call for solutions, there will be an increased focus on advancing the most successful and transformational innovations as they transition to scale. This approach has been a critical part of the global effort to bring an end to the 303,000 maternal deaths, 2.7 million newborn deaths, and 2.6 million stillbirths that occur each year - a time when mothers and babies are most vulnerable and global progress in reducing mortality has been particularly poor. This gap in interventions is particularly acute in poor, underserved communities and among women who are disadvantaged.

**Funding Details:** approximately $800,000 USD (up to 1,000,000 CAD) for up to 24 months

**Additional Details**

**Internal HRS Deadline:** February 14, 2018

**Sponsor Deadline:** February 28, 2018

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

The Weston Brain Institute is delighted to launch their Transformational Research: Canada 2018 Program to fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data. Their goal is to provide funding for translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging.

Eligible Principal Applicants must be researchers working in Canada at least 30% of the time at or above the level of Assistant Professor or equivalent, and be affiliated with a Canada Revenue Agency-qualified donee institution located in Canada. Co-Applicants/Collaborators must be at the post-doctoral level or above and can be working outside Canada.

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

**Additional Details**

**LOI Deadline:** February 15, 2018 *Extended*

**Sponsor Deadline (By invite only):** March 2018

**Age-Well 2018 Strategic Investment Program (SIP) Accelerator Funding**

Do you have an innovative idea that has the potential for real-world impact at the intersection of technology and aging? AGE-WELL’s SIP Accelerator program supports innovative post-discovery projects focused on the commercialization and/or knowledge mobilization of solutions (e.g. technologies, services or policies) aligned with AGE-WELL’s mission and vision.

The program provides:

- financial support;
- training opportunities; and
- strategic mentorship.

AGE-WELL is dedicated to the creation of technologies and services that benefit older adults and caregivers. Their aim is to help older Canadians maintain their independence, health and quality of life through technologies and services that increase their safety and security, support their independent living, and enhance their social participation.

**Funding Details:** Up to $40,000 over 12 months

**Additional Details**
MITACS Canadian Science Policy Fellowship

In collaboration with Canada’s research and policy communities, Mitacs has established the Canadian Science Policy Fellowship. The first initiative of its kind in Canada, the fellowship is offered in partnership with the University of Ottawa’s Institute for Science, Society and Policy, Mitacs’ university partners, and the Government of Canada. Participating hosts for the fellowship include host offices from the Governments of Canada and British Columbia, respectively.

The fellowship aims to:

- Form mutually beneficial relationships between government decision makers and academic researchers in support of policy challenges in Canada
- Enhance science communication, collaboration, and policy capacity in government offices
- Develop a national network of expertise in science policy among academic researchers, which complements the existing public service
- Contribute to evidence-informed decision making in Canada’s public service
- Create a pool of expert public policy contributors across academia, government, not-for-profit organizations, and industry

Funding Details: Fellows receive remuneration that reflects their qualifications and is commensurate with comparable employment within the public service, typically in the range of $70,000–$80,000 per year.

Orthopaedic Trauma Association/AO Trauma North America Members Directed Topic Pre-proposal

The Objective of this grant is to support clinical patient-centered outcomes, clinical or basic science musculoskeletal infection. Between the principal investigator and co-principal investigator, membership in both organizations must be fulfilled. The research must be conducted in North America.

Funding Details: $50,000 per year, maximum 2-year funding cycle ($100,000 maximum)

Ontario Ministry of Health and Long-Term Care (MOHLTC), Health System Research Fund: Targeted Call for Patient-Oriented Research in Mental Health and Addictions

The MOHLTC has recently announced a new research funding competition to improve Ontario’s mental health and the addictions system; Patient-Oriented Research in Mental Health and Addictions. The purpose of the HSRF Targeted Calls is to solicit and fund focused research applications within MOHLTC priority areas, including Nursing and Tobacco Control. The new Call will focus on Patient-Oriented Research in Mental Health and Addictions.

For each of the priority areas, key knowledge gaps related to current/anticipated policy development and program development were identified as targeted research areas of interest for policy makers and knowledge users through a consultative process. Please refer to the HSRF Targeted Calls Detailed Full Application Instructions for definitions of targeted research priority areas and areas of focus.

Funding Details: maximum $250,000 per year for 2 years
**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

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**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

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**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

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**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

Christopher & Dana Reeve Foundation: Quality of Life High Impact 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: High Impact Quality of Life Grant Tiers offer three increasing levels of grant funding.
• Tier 2 -- Grants of $30,000 for the following Priority Areas:
  o Transportation
  o Respite/Caregiving
  o Disaster Response
• Tier 3 -- Grants of $40,000
  o Nursing Home Transition
• Tier 4 -- Grants of $50,000
  o Employment

Additional Details
LOI Deadline: February 15, 2018
Internal HRS Deadline: March 2, 2018
Sponsor Deadline: March 17, 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*
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/](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**
**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**

**Internal HRS Deadline:** March 20, 2018  
**Sponsor Deadline:** April 3, 2018

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**Huntington Society of Canada 2018 Navigator Research Program**

The long-standing Navigator Research Program supports HD researchers across Canada. This program supports basic scientific research of direct and immediate relevance to Huntington Disease in Canada with the aim of providing a platform for the recruitment of outstanding investigators to HD research, to facilitate research collaboration nationally and internationally, and to support research that is relevant to other neurodegenerative disorders. The competition is run once per year. The goal of the NAVIGATOR Research Program is to provide funding for Canadian scientific research of direct and immediate relevance to Huntington Disease; to provide a platform for the future recruitment of outstanding investigators to HD research; to facilitate research collaboration nationally and internationally, and research which is relevant to other neurodegenerative disorders as well as HD.

**Funding Details:** Each NAVIGATOR award will provide funding up to $75,000 per year for one or two years.

**Additional Details**

**LOI Deadline:** February 15, 2018  
**Internal HRS Deadline:** March 29, 2018  
**Sponsor Deadline:** April 12, 2018

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**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

Internal HRS Deadline: **March 30, 2018**
Sponsor Deadline: **April 13, 2018**

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

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

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

Additional Details and Nomination Instructions

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

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

Additional Details and Nomination Instructions

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

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

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**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**
**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

**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.

**Funding Details:** Up to $150,000 in the first year and up to $300,000 for up to five subsequent years, for a maximum of $1.65M over 6 years.

**Additional Details**

**Notify ROADS of Intent to Apply:** February 26, 2018

**Letters of Intent due to ROADS for internal selection:** March 19, 2018

**Sponsor Deadline:** May 1, 2018

*To Apply, Contact Nathan Coschi, Senior Advisor, ROADS at coschimm@mcmaster.ca or extension 21581*”

**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

**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

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

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**Patient-Centered Outcome Research Institute (PCORI): Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes**

PCORI seeks to fund pragmatic clinical trials, large simple trials, or large-scale observational studies that compare two or more alternatives for addressing prevention, diagnosis, treatment, or management of a disease or symptom; improving healthcare system-level approaches to managing care; communicating or disseminating research results to patients, caregivers, or clinicians; or eliminating health or healthcare disparities. Proposed studies must address critical healthcare choices faced by patients, their caregivers, clinicians, or delivery systems. They must involve broadly representative patient populations and be large enough to provide precise estimates of hypothesized effectiveness differences and to support evaluation of potential differences in treatment effectiveness in patient subgroups.

**Funding Details:** Funds up to $90 Million ($10 Million Total Direct Costs) for a Maximum period of 5 years.

**Additional Details**
**LOI Deadline:** February 13, 2018 5pm (ET)
**Internal HRS Deadline:** May 2, 2018
**Sponsor Deadline:** May 16, 2018 5pm (ET)

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

The objective of the MSM Research Program is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM) while maintaining the safety of the blood supply. As part of this initiative, Canadian Blood Services and HémaQuébec held a two-day meeting in January 2017 with national and international stakeholders to identify research priorities for closing knowledge gaps that impact donor eligibility for MSM. In addition, a research funding competition was held in 2017. Research priorities for this competition include:
• Research to evaluate the impact of alternative risk reduction technologies on donor screening.
• Research to evaluate operational feasibility of alternative donor deferral policies and their acceptability by Canadians.
• Risk modeling and surveillance to assess the risk associated with alternative donor selection policies.
• Research to inform the development of an individual risk assessment donor policy (behavioural based) or to strengthen the existing policy (population based)

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

**Additional Details**

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

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

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

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

**Additional Details**

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

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**Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 11**

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:** February 12, 2018  
**Draft EOI due to Ontario Genomics:** February 26, 2018  
**Face-to-face pitch to Ontario Genomics’ review Panel:** March 26-28, 2018  
**Final EOI due to Ontario Genomics:** April 11, 2018  
**Pitch to Genome Canada:** May 4-25, 2018  
**Draft Supplementary Proposal due to Ontario Genomics:** June 11, 2018  
**Sponsor Deadline:** July 16, 2018

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

**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

**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.

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

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

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

**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.

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

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

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

**MITACS Accelerate Program**
Canada’s premiere research internship program provides interns with the opportunity to transfer their skills from theory to real-world application, while companies gain a competitive advantage by accessing high-quality research expertise. Interns spend approximately half their time on-site with the industry partner; the remainder is spent at the university advancing the research under the guidance of a faculty supervisor. Not-for-profit organizations are eligible.
**Funding Details:** Funding starts at $15,000

**Additional Details**

**Sponsor Deadline:** Ongoing

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

**MITACS Globalink Partnership Award**

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

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

**Additional Details**

**Sponsor Deadline:** Ongoing

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