Week of October 20, 2017

Dear colleagues,

Please find below this week’s updates:

- This week Dr. Patrick Deane welcomed all staff who had achieved years of service milestones to a celebratory luncheon. These staff can be found at [http://www.workingatmcmaster.ca/yos/](http://www.workingatmcmaster.ca/yos/) but notable mention goes to the following Department of Medicine staff who have achieved 30 years of service; Josephine Costa, Megan O’Connor, Heather Patterson, Roberta Petitti, and Leslie Steinberg. Congratulations to everyone on your achievement and thank you for your continued service.

- You are invited to wish Susan Birnie, Director of Education Services, a fond farewell as she retires after 40 years of service to McMaster University. Please find an invitation attached with RSVP and event details.

- On behalf of Kathy Denny, UniForum Program Manager, all full-time FHS faculty are invited to take part in the UniForum@McMaster Service Effectiveness Survey. This survey is an important part of the overall UniForum@McMaster benchmarking program. This program will allow us to better understand how the university is organized to deliver services and will provide insight into how different activities and services support our teaching and research mission. Your involvement in this survey is a very important part of this initiative and I encourage you all to participate. The results of this survey will provide important information on the effectiveness of services and will help the University to identify services where improvements may be required. If you have further questions, please visit the UniForum@McMaster program website or contact the Program Team at uniforum@mcmaster.ca. The survey will be open until October 24th.

- On behalf of the Office of the Vice-Provost, Faculty, all tenure/teaching-track and special faculty members are invited to attend one of the upcoming Tenure and Permanence Workshops. Please find RSVP and event details in the attached poster.

- Please find attached the notice for the 5th Frederick Hargreave Lectureship, taking place on Monday, November 6th with a reception at 5:00 pm and the lecture following at 5:30 pm. This year’s speaker is Dr. Guy Brusselle from Ghent University Hospital. Dr. Brusselle is a professor of medicine at Ghent University in Belgium and head of the Laboratory for Translational Research of Obstructive Pulmonary Diseases. Note: You do not need to RSVP to attend this event.

- Please find attached the latest edition of the CityWide newsletter from Dr. Akbar Panju, Director of the Division of General Internal Medicine.
All interested students, faculty, and staff are invited to the next talk in the **Hannah History of Medicine and Medical Humanities Speaker Series**, sponsored by the Hannah Unit in the History of Medicine, Faculty of Health Sciences. On Wednesday, November 8, 2017, Dr. Jenny Kehl, Endowed Chair and Associate Professor, School of Freshwater Sciences, University of Wisconsin-Milwaukee will be speaking on *Blue is the New Green: The Politics of Water, Public Health and Private Wealth*. Please find further details in the attached poster.

All interested students, faculty, and staff are invited to the next talk in the **Demystifying Medicine Seminar Series**. On Monday, October 30, 2017, Dr. Steve Gyorffy, Director of Specialty Care Medicine at Boehringer Ingelheim Canada; and Dr. Ted Witek, Senior Vice President, Corporate Partnerships, Chief Scientific Officer, Innoviva; Senior Fellow, Institute of Health Policy, Management, and Evaluation of The University of Toronto; Adjunct Professor, Dalla Lana School of Public Health and Faculty of Pharmacy; and Past President and Chief Executive Officer, Boehringer Ingelheim in Canada Ltd will be speaking on “Drug Discovery and Translation – innovating healthcare in challenging times”. Please find further details in the attached poster.

The Labarge Centre for Mobility in Aging within MIRA has partnered with the Faculties of Engineering and Health Sciences to present a networking and knowledge sharing event for researchers, funders, and industry partners. McMaster researchers in all faculties are invited to bring their perspectives on technology and design for optimal aging. This event will provide opportunities to hear about ongoing projects at McMaster, and to network with other collaborative thinkers who aim to transform the experience of aging through technological innovation.

Date: Thursday, November 9, 2017  
Time: 3:30pm-6:30pm  
Location: The University Club  
**Registration required**

Attached is a copy of the October 20 **ROADS Funding Opportunities Bulletin**.

Attached is a copy of the October 20 **HRS Funding Opportunities Bulletin**.

Please join us at **Grand Rounds** next week on **October 26, 2017 at 8:00 am**. Medical Grand Rounds-HHS will be hosting Dr. Martha Fulford in MUMC 4E20 who will be speaking on *Namibia*. Medical Grand Rounds-SJH will be hosting Dr. Keith Tsoi in the SJH Miller Amphitheatre who will be speaking on *Eliminating an infectious disease globally without a vaccine: Reality or FAKE NEWS?* Further information on these events, and many others taking place in the Department, can be found in the **ETA Calendar**.
• **New Faculty Highlight**

Welcome to Dr. Joshua Wald who joined the Department of Medicine, and the Division of Respirology, on July 1, 2017 as an Assistant Professor. Dr. Wald has a particular interest in pulmonary rehabilitation.

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
Bon Voyage!

After 40 years of Service
at McMaster University

Susan Birnie
Director, Education Services
is retiring!

Please join us to wish her a fond farewell on
Wednesday November 15th, 2017
from 3:30-5:30 p.m. in the Great Hall, University Club


Donations can be dropped off to Judith or Katie in HSC 2E20
Tenure and Permanence Workshops

On behalf of the Office of the Vice-Provost, Faculty
All tenure/teaching-track and special faculty members are invited to attend one of the upcoming

Tenure and Permanence Workshops

*****

Date: Tuesday, November 7, 2017
Time: 1:30 pm to 4:30pm
Location: Council Room (GH 111)

or

Date: Friday, December 8, 2017
Time: 9am to 12 noon
Location: Council Room (GH 111)

The workshop will be focus on

1. Tenure, Permanence and Promotion at McMaster: An Overview
   Presenter
   Peter Graefe
   Associate Professor, Political Science
   & MUFA Tenure/Permanence Representative

2. Capturing Effective Teaching and Learning: The Teaching Portfolio
   Presenters
   Jennifer Faubert
   Educational Developer
   MacPherson Institute for Leadership, Innovation & Excellence in Teaching
   and
   Rebecca Taylor
   Educational Developer
   MacPherson Institute for Leadership, Innovation, & Excellence in Teaching

*****

Register at: T/P
The 5th Frederick E. Hargreave Lectureship

Monday November 6, 2017

Miller Auditorium
2nd Level Juravinski Innovation Tower
St. Joseph’s HealthCare Hamilton

Reception: 5:00pm
2nd Level Lobby
Lecture: 5:30pm

Guest Speaker: Dr Guy Brusselle, MD, PhD
Professor of Medicine, Ghent University Hospital
Chair, European Respiratory Society Science Council

The Department of Medicine and the Divisions of Respirology and Allergy & Clinical Immunology are pleased to announce the 5th Frederick E. Hargreave Lectureship in Asthma and Allergy to honour the memory of our dear colleague, who passed away on the 15th of June, 2011. Professor Freddy Hargreave was one of the giants of respiratory medicine. His work helped change the way we understand, diagnose and treat asthma, bronchitis and COPD. In doing so, he significantly improved the care of patients throughout the world and his work improved many lives. At the Firestone Clinic, over a 40 year career, he taught many students and fellows from all over the world, many of whom returned home and became internationally recognized in their own right. He made St Joseph’s Hospital and the Firestone Clinic world famous, but more importantly, he cared for individual patients in an exemplary manner with unfailing courtesy, dedication, humility, and kindness. He constantly endeavored to bring the health challenges his patients faced every day to the research community in order to find better ways to improve the quality of their lives.

The 2017 Lecture will be delivered by Dr Guy Brusselle. Dr Brusselle is a professor of medicine at Ghent University in Belgium and head of the Laboratory for Translational Research of Obstructive Pulmonary Diseases. He received his medical degree from Ghent University in 1990. Investigating the functional role of cytokines interleukin-4 and interleukin-5 in allergic asthma under the supervision of the late Professor Romain Pauwels, he obtained his Ph.D. in 1997. As a respiratory physician with a keen clinical and scientific interest in asthma, severe asthma, and COPD, his laboratory directs a cutting-edge translational research program and co-ordinates a number of international and European cohort and clinical trials. In addition to his busy research and clinical responsibilities, at the University, he regularly teaches courses on study designs and research methodology and immunopathology of airway diseases to medical, biomedical and pharmaceutical sciences students. He has served the European Respiratory Society (ERS) as Guidelines Director and is currently the chair of the ERS science council. With over 250 peer-reviewed publications, Professor Brusselle is one of the leading clinician scientists in the world in airway diseases.

Supported by unrestricted grants from Roche methapharm
Welcome to the Fall 2017 edition of CityWide.

Since the last edition, you will note that the Division of GIM continues to be academically productive with multiple scholarly manuscripts published since April 2017. In addition, we have had changes in the GIM leadership. Dr. Ameen Patel, who was the CTU Director at McMaster Medical Centre and then successfully transitioned the Clinical Teaching Unit to the Juravinski Hospital, has completed over 10 years as the CTU Director. We thank him and his assistant, Sharon Hendershott, who took care of Clinical Teaching Unit activities over many years and did it extremely well. Dr. Samir Raza has moved from Deputy CTU Director to CTU Director at the Juravinski Site. We would also like to welcome Dr. Joe McMullin who has now taken over as the GIM Head of Service at St. Joseph’s Healthcare. We would like to thank Dr. Jenny Legassie who contributed to this role for 3 years.

You will note the profile of our newest member to the Division. Dr. Maura Marcucci joins us as a research educator in the Division of GIM.

Our Program Director in Internal Medicine, Dr. Lori Whitehead, and her team, are now getting everything ready for the Competency by Design (CBD) rollout. Individuals have been identified in leadership roles for CBD, and the whole Division of General Internal Medicine will be involved in the role out. Dr. Raj Hanmiah, our Program Director in General Internal Medicine, is also working to incorporate the roll out for our GIM Fellowship. This will involve a lot of commitment and effort by each and every member of the teaching faculty in the GIM Division.

You will find an interesting discussion on whether physicians should wear white coats and you will probably have your own opinion with regards to that. It should be noted that wearing white coats is becoming a rarity in our Division and in the city.

As always, I would like to thank our co-editors, Dr. John You and Dr. Daniel Brandt Vegas, who put together the semi-annual CityWide edition and keep everybody apprised of our GIM activities.

Akbar Panju
Division Director of General Internal Medicine
NEWSWORTHY ITEMS

Welcome

Please join us in welcoming the following individuals to our group:

- Clinical Scholars: Amna Ahmed, Leslie Martin, Kajenny Srivaratharajah, Arthur Wong, Steven Wong
- General Internal Medicine (PGY4/5) residents: Adam Mazzetti, Gavin Mazzetti, Seth Stern, and Conor Cox.
- Internal Medicine (PGY4) residents: Sara Piran and Jomana Hashim.

New appointments

John Neary, Deputy Program Director, Internal Medicine Residency Program

Mohamed Panju, Deputy Program Director, Internal Medicine Residency Program and Co-chair, Internal Medicine Competence Committee

Samir Raza, CTU Director, Juravinski Hospital site

Joe McMullin, GIM Head of Service, St. Joseph’s Hospital site

Zara Khalid, IM Program, Chair of simulation working group

Daniel Brandt Vegas, IM Program, CBD Field Officer
Awards

Congratulations to GIM Division members who received the following awards:

**Leslie Martin**, recipient of the inaugural Postgraduate Medical Education Resident Leader Award:

“This award recognizes a resident who has demonstrated outstanding contributions to residency education in their own program, or provincially and/or nationally. The Resident-Leader has had a positive impact through exemplary teaching skills, development of educational curricula in teaching and assessment, advocacy of residency education, and any other efforts that have enhanced the educational experience, and/or contributed to innovation in residency education.”

**Jim Douketis**, recipient of the 2017 Canadian Society of Internal Medicine Dr. David Sackett Senior Investigator Award

**Ameen Patel**, recipient of the Hamilton Health Sciences Medical Staff Association Stephen Garnett Distinction Award

**2016 - 2017 Internal Medicine Teaching Awards** (awarded by the Internal Medicine residency program):

- St. Joseph’s Hospital site: Raj Hanmiah
- Juravinski Hospital site: Samir Raza
- Hamilton General Hospital site: John You
Upcoming events

**Annual Internal Medicine Winter Gala**

Friday, December 15, 2017

Waterfront Centre, 555 Bay Street North, Hamilton

Cocktails at 6:30pm (cash bar), Dinner at 7:30pm

Please come out and support this fun filled and worthy event for our colleagues/friends in Uganda! If you would like to donate to the silent auction, please contact Dr. Ally Prebtani, Faculty Chair of the IM Gala, at prebtani@hhsc.ca

---

**Martha Rocks**

Blair Leonard (lead vocals)
Rick Loreto (lead guitar)
Jerry Verhovsek (bass/keyboards)
Juan Guzman (bass/keyboards)
Tim O’Shea (drums)
John You (rhythm guitar)

Saturday December 2, 2017

The Corktown Pub
175 Young St.

Come out for a great time and to support our local community!
Research Spotlight

GIM AFP Research Grants: Call for Applications

This year’s call for 2017-2018 McMaster GIM AFP Research Grants is out. Key information:

- Total of $30,000 available in this year’s competition. Maximum budget request per project is $15,000.
- Submit an electronic copy (single pdf file) of a complete application package to Gail Laforme (laformeg@HHSC.CA) by 5:00pm EST, Monday, November 20, 2017, consisting of: Application Form, Budget Template and Budget Justification, Research Proposal (3 pages, not including references or appendices), REB approval letter(s), if available.
- Contact Dr. John You (jyou@mcmaster.ca), Division Research Coordinator, for any questions about the competition.

GIM Faculty Research Profile

The Division welcomes Dr. Maura Marcucci back to McMaster University. Maura completed her fellowship in Hematology and her Master’s degree in Health Research Methodology at McMaster and we are delighted to have her back in Hamilton.

Dr. Maura Marcucci completed her medical training and her residency in Internal Medicine in Italy (University of Perugia). During her residency at the Internal and Vascular Medicine – Stroke Unit in Perugia she started her research activities in the thrombosis and hemostasis field (venous thromboembolism, atrial fibrillation, hemophilia) and on general internal medicine topics (multimorbidity and polypharmacy in older patients). In 2013, she completed her Master’s in Health Research Methodology and a clinical fellowship in Hematology/Internal Medicine at McMaster University, under the supervision of Prof. Lehana Thabane and Prof. Alfonso Iorio. During the period at McMaster University, she continued developing her interests in research methods, in particular in systematic reviews, aggregate and individual patient data meta-analyses, derivation and validation of clinical prediction models based on survival analyses, traditional and alternative analytical methods to deal with confounding in observational studies, and Bayesian methods.

Since the end of 2016, she has been working in the field of the perioperative medicine in collaboration with the team lead by Prof. PJ Devereaux at the Population Health Research Institute of Hamilton. In particular, her academic interest is now focused on cardiovascular complications in noncardiac surgery. She is involved in the Vascular events In noncardiac Surgery patients COhort evaluation (VISION) study, and is participating in the design of VISION-II. She is also the project officer of the upcoming PeriOperative ISchemic Evaluation (POISE)-3 trial.
Update on Competency Based Medical Education (CBME)
By Meera Luthra (Department of Medicine, Director of Faculty Development, CBME)

With a Competence by Design (CBD) rollout date of July 1, 2018 for the Internal Medicine program, there is a critical need for participation in faculty development initiatives to prepare for this change.

As per the Royal College, one of the changes that will be most notable for clinical teachers as they transition to CBD is the need for more frequent observation with coaching, feedback and documentation. Some clinical teachers are already using regular, direct observation of trainees as an effective tool to provide feedback to help learners improve. In CBD, there is an increased emphasis on direct and indirect work-based observation to facilitate resident learning. The role of faculty must evolve from one of supervision to one that includes more observation of the work residents are doing day to day.

To facilitate this transition, the faculty development committee is preparing workshops to introduce key concepts related to CBD such as EPAs and milestones and how they fit into the big picture of resident assessment.

We are developing a newsletter with links to online modules and clinical vignettes to provide the faculty with practical tips on how to fit these assessments into their busy schedules and complete new forms while continuing to provide patient care.

We will also deliver workshops with a focus on direct observation and feedback given that this is a key element of CBD. AFP points can be claimed for attending each of these sessions; certificates of attendance and meals will be provided.

Please feel free to provide suggestions regarding strategies that you think will be most helpful or effective for your learning.
Poem

Precious

Our lives are precious
our love,
health,
time,
people,
days
are moving
changing

Our lives are
precious
and unpredictable

lets recognize
here and now
take this opportunity
to be
thankful.

DBV
“White Coating”
Despite a clear local trend for physicians not to wear white coats, within our group there is still a subgroup who persistently use it. Why or why not? We asked two of our members to tell us.

Why I wear a white coat: “Make White Coats Great Again”
by Samir Raza

My rationale for wearing a white coat is simple. To reinforce hierarchy and prestige. We must make White Coats Great Again and fight back against the hipster ways of modern medicine.

OK. The real reason I wear a white coat is the pockets. I can’t get enough, I have 3 pockets on my lab coat and that barely does the job. I just ordered another lab coat with 6 pockets. Why do I need so many pockets? Let’s take a look:

- Digital Stethoscope with headphones
- Chromebook
- Cell phone
- Team patient list
- Granola bar (chocolate covered)
- 3-5 pens
- Billing cards
- Reflex hammer… just joking
- Handheld U/S (within the next year)

If pockets are your thing and you need a lab coat, I got you covered...I know a guy.
Why I don’t wear a white coat
by John Neary

Growing up in a healthy nonmedical family, most of my limited interactions with physicians before I started medical school were in primary care environments where white coats were rarely if ever worn. I didn't watch medical dramas on television, and my mental archetype of a physician didn't involve a white coat. Actually, it probably didn't specify any particular type of dress at all.

I remember being told about the "white coat ceremony" in my first year of medical school and wondering what the point of it was. Then in clerkship I remember learning about the distinctions that different institutions drew between different professions and levels of training with respect to who did, or did not, wear white coats, and how long those coats were allowed to be. It all seemed unnecessarily hierarchical and practitioner-centric.

My high-water mark in terms of dress in the clinical setting was undoubtedly the beginning of my PGY-1 year. I had come from Toronto to McMaster and I wanted to look sharp. I would wear a tie and cuff links (and sometimes a white coat) for what was then 28-hour call. Two realities intervened. First, I realized that my attending physicians (Hugh Fuller, among others) were failing to notice when I was post-call. Secondly, there was an overnight shift in which a patient’s family wanted to hear the opinion of the tall well-dressed man rather than the shorter woman in scrubs, who happened to be the SMR, Zara Khalid. That wasn't a good dynamic to encourage. So I dropped the tie, the cuff links, and the white coat all around the same time.

I think that one's manner of dress is one of the ways in which one signals one's professional role. I am comfortable doing that without wearing a white coat; on a related note, I feel awkward introducing myself as "Doctor", and usually instead say "My name is John Neary, and I'm the doctor in charge of your care." But I understand why many other people find the white coat to be a useful tool. (In particular, female physicians have to fight uphill so much to be recognized as physicians, that I imagine it is way easier to wear a white coat than to be constantly explaining one's role.) Sometimes I think the absence of the white coat makes me look less authoritative, but at other times I think it makes me look more approachable. It's a tradeoff.

Oh, and I can't stand the weight of *anything* around my neck. That's why my stethoscope is always draped around one shoulder.
Publications by members of GIM AFP (April 2017 – September 2017)

Extended-duration versus short-duration pharmacological thromboprophylaxis in acutely ill hospitalized medical patients: a systematic review and meta-analysis of randomized controlled trials.

Cardiovascular testing in patients with postural tachycardia syndrome and Ehlers-Danlos type III: authors’ response.

Internal Medicine Residency Program in Guyana: A Collaborative Model for Sustainable Graduate Medical Education in Resource-Limited Settings.

Antipsychotic prescription and mortality in hospitalized older persons.

Quality of reporting in abstracts of RCTs published in emergency medicine journals: a protocol for a systematic survey of the literature.

Predicting risk and outcomes for frail older adults: an umbrella review of frailty screening tools.

Occult Amoebic Liver Abscess as Cause of Extensive Inferior Vena Cava and Hepatic Vein Thrombosis.

Internal Medicine Point-of-Care Ultrasound Curriculum: Consensus Recommendations from the Canadian Internal Medicine Ultrasound (CIMUS) Group.
A remote metastatic giant cell tumour to the skull.
Kalani A, Lovett M, Stewart L, Popovic S, Panju A.

Piran S, Delaney J, Schulman S, Salib M, Panju M, Pai M.

Evaluating the effect of instruction and practice schedule on the acquisition of ECG interpretation skills.

Association of Postoperative High-Sensitivity Troponin Levels With Myocardial Injury and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery.

Cardiovascular risk management in rheumatoid arthritis: A large gap to close.

Ethnic Differences in Visceral Adiposity Measured in Early Pregnancy.

Is Daily Low-Dose Aspirin Safe to Take Following Laparoscopic Roux-en-Y Gastric Bypass for Obesity Surgery?

Subclinical hypothyroidism in pregnancy.
Outcomes that Define Successful Advance Care Planning: A Delphi Panel Consensus.

Discordance between patients' stated values and treatment preferences for end-of-life care: results of a multicentre survey.

Development and psychometric properties of a survey to assess barriers to implementing advance care planning in primary care.

Validation of quality indicators for end-of-life communication: results of a multicentre survey.

Broadening End-of-Life Comfort to Improve Palliative Care Practices in Long Term Care.

Patient-family agreement on values and preferences for life-sustaining treatment: results of a multicentre observational study.

Barriers to Goals of Care Discussions With Patients Who Have Advanced Heart Failure: Results of a Multicenter Survey of Hospital-Based Cardiology Clinicians.
Premature Discontinuation of Pediatric Randomized Controlled Trials: A Retrospective Cohort Study.

Defining Advance Care Planning for Adults: A Consensus Definition from a Multidisciplinary Delphi Panel.

Bleeding impacting mortality after noncardiac surgery: a protocol to establish diagnostic criteria, estimate prognostic importance, and develop and validate a prediction guide in an international prospective cohort study.

2017 American College of Rheumatology Guideline for the Prevention and Treatment of Glucocorticoid-Induced Osteoporosis.

Corticosteroids for treatment of sore throat: systematic review and meta-analysis of randomised trials.

Requirements of health policy and services journals for authors to disclose financial and non-financial conflicts of interest: a cross-sectional study.

[GRADE Evidence to Decision (EtD) frameworks: a systematic and transparent approach to making well informed healthcare choices. 2: Clinical practice guidelines].

Antiretroviral therapy for pregnant women living with HIV or hepatitis B: a systematic review and meta-analysis.

Antiretroviral therapy in pregnant women living with HIV: a clinical practice guideline.

Predictors of 1-year mortality in heart transplant recipients: a systematic review and meta-analysis.

[GRADE Evidence to Decision (EtD) frameworks: a systematic and transparent approach to making well informed healthcare choices. 1: Introduction].

GRADE equity guidelines 4: guidance on how to assess and address health equity within the evidence to decision process.

Factors Associated with Health-Related Quality of Life in Patients with Open Fractures.

Answering medical questions at the point of care: a cross-sectional study comparing rapid decisions based on PubMed and Epistemonikos searches with evidence-based recommendations developed with the GRADE approach.
Implantable cardiac defibrillator and mortality in non-ischaemic cardiomyopathy: an updated meta-analysis.

Fluids in Sepsis and Septic Shock (FISSH): protocol for a pilot randomised controlled trial.

In patients receiving DAPT after coronary stents, the PRECISE-DAPT score predicted bleeding moderately well.

Towards the development of a comprehensive framework: Qualitative systematic survey of definitions of clinical research quality.


Structural valve deterioration after transcatheter aortic valve implantation.

Surgery: Falling out of love with knee arthroscopy.

Corticosteroids in sepsis: an updated systematic review and meta-analysis (protocol).
Effect of corticosteroid administration on neurologically deceased organ donors and transplant recipients: a systematic review and meta-analysis.

In severe aortic stenosis with intermediate surgical risk, TAVR was noninferior to SAVR for death or disabling stroke.


Clinical Practice Guidelines: Incorporating Input From a Patient Panel.


Incretin based treatments and mortality in patients with type 2 diabetes: systematic review and meta-analysis.

Adjustment Strategies in Studies of Therapy-Reply.

2017 American College of Rheumatology Guideline for the Prevention and Treatment of Glucocorticoid-Induced Osteoporosis.

2017 American College of Rheumatology Guideline for the Prevention and Treatment of Glucocorticoid-Induced Osteoporosis.

A systematic survey on reporting and methods for handling missing participant data for continuous outcomes in randomized controlled trials.

A systematic survey of the methods literature on the reporting quality and optimal methods of handling participants with missing outcome data for continuous outcomes in randomized controlled trials.

EBM has not only called out the problems but offered solutions.

GRADE guidelines 17: assessing the risk of bias associated with missing participant outcome data in a body of evidence.


Withholding Pantoprazole for Stress Ulcer Prophylaxis in Critically Ill Patients: A Pilot Randomized Clinical Trial and Meta-Analysis.


Stakeholders apply the GRADE evidence-to-decision framework to facilitate coverage decisions.

Low intensity pulsed ultrasound for bone healing: systematic review of randomized controlled trials.

Procedure-specific Risks of Thrombosis and Bleeding in Urological Cancer Surgery: Systematic Review and Meta-analysis.

Procedure-specific Risks of Thrombosis and Bleeding in Urological Non-cancer Surgery: Systematic Review and Meta-analysis.

Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial.

Effects of different phosphate lowering strategies in patients with CKD on laboratory outcomes: A systematic review and NMA.

Vasopressor use following traumatic injury: protocol for a systematic review.

Progress in evidence-based medicine: a quarter century on.
Evidence for underuse of effective medical services around the world.

Systematic survey of randomized trials evaluating the impact of alternative diagnostic strategies on patient-important outcomes.

Congruence between patient characteristics and interventions may partly explain medication adherence intervention effectiveness: an analysis of 190 randomized controlled trials from a Cochrane systematic review.


Decision-making about healthcare related tests and diagnostic strategies: International guidelines show variability in their approaches.

Decision-making about healthcare related tests and diagnostic strategies: a qualitative study with experts suggests that test accuracy data alone is rarely sufficient for decision-making.
Comment on "Perspective: NutriGrade: A Scoring System to Assess and Judge the Meta-Evidence of Randomized Controlled Trials and Cohort Studies in Nutrition Research".

Decision-making about healthcare related tests and diagnostic strategies: A systematic review shows limitations in most tools designed to assess quality and develop recommendations.

Decision-making about healthcare related tests and diagnostic strategies: A review of methodological and practical challenges.

Living systematic reviews: 3. Statistical methods for updating meta-analyses.

Living systematic review: 1. Introduction-the why, what, when, and how.

Living systematic reviews: 4. living guideline recommendations.


Parenteral anticoagulation in ambulatory patients with cancer.


Using patient values and preferences to inform the importance of health outcomes in practice guideline development following the GRADE approach. Zhang Y, Coello PA, Brozek J, Wiercioch W, Etxeandia-Ikobaltzeta I, Akl EA, Meerpohl JJ, Alhazzani W, Carrasco-Labra A, Morgan RL, Mustafa RA, Riva JJ,

GRADE equity guidelines 1: health equity in guideline development-introduction and rationale.

A methodological survey identified eight proposed frameworks for the adaptation of health related guidelines.

Rating the certainty in evidence in the absence of a single estimate of effect.
Blue is the New Green: The Politics of Water, Public Health and Private Wealth

Dr. Jenny Kehl, Endowed Chair and Associate Professor, School of Freshwater Sciences, University of Wisconsin-Milwaukee

Wednesday, November 8, 2017
3:00 p.m.–5:00 p.m.
Health Sciences Centre (MUMC), 1A4

Lack of access to clean water is the leading cause of mortality at the global level. The politics of providing safe water is the singular issue that could have the largest impact on human health. "Blue is the new Green" will explore the interdependence of water, public health and private wealth, with a focus on the correlation between low income levels and environmentally degraded residential areas. With case studies across the Great Lakes, including Flint and Detroit, the discussion will discuss strategies for advancing the understanding of water and public health, reforming institutions, fortifying joint commissions, and improving equitable water management.

COSPONSORS:
Department of Political Science, Masters of Public Health Program, Department of Family Medicine, CHEPA (Center for Health Economics and Policy Analysis), Water Without Borders Program, Department of Engineering, Department of History, School of Interdisciplinary Science, Hannah Unit in the History of Medicine

Contact: Ellen Amster, x24144 medhumanities.mcmaster.ca

Bio: Jenny Kehl is the Endowed Chair for Water Policy at the School of Freshwater Sciences at the University of Wisconsin-Milwaukee. Dr. Kehl's specializations are International Political Economy and Water Security. Her research combines Science and Social Science to address the economic disparities in hydrological systems, the relationship between water and public health, and the political economy of environmental sustainability. Dr. Kehl's most recent publications analyze water security in the Great Lakes and the political economy of stewarding large transboundary water systems.
DATE: Monday, Oct. 30, 2017
TIME: 4:00 p.m. to 5:30 p.m.
LOCATION: MDCL 3020
WEBSITE: www.demystifyingmedicine.ca
CONTACT INFO: Dr. Kjetil Ask
demystifyingmedicine@gmail.com or Cathy Stampfli ext. 73115

Dr. Steve Gyorffy
Director, Specialty Care Medicine - Oncology and Fibrotic Diseases,
Boehringer Ingelheim, Canada

Dr. Ted Witek
Senior Vice President, Corporate Partnerships, and Chief Scientific Officer, Innoviva, San Francisco
Senior Fellow, Institute of Health Policy, Management and Evaluation, University of Toronto
Adjunct Professor, Dalla Lana School of Public Health and Faculty of Pharmacy
Past-President and Chief Executive Officer, Boehringer Ingelheim, Canada

LEARNING OBJECTIVES:
• Gain understanding of drug development from preclinical to Phase III registration
• What are the current and future challenges in bringing new medicines for unmet medical needs?
• How are new agents funded and made accessible to patients?
• Become familiar with challenges beyond drug registration and bridging the “second valley of death” for the pharmaceutical industry
Research Office for Administration, Development and Support (ROADS)
Funding Opportunities Bulletin

October 20, 2017

In this issue:

- Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply by October 24, 2017; Application deadline December 15, 2017
- Canadian Space Agency and the National Research Council Canada Industrial Research Assistance Program: Information Session October 26, 2017
- Juvenile Diabetes Research Foundation (JDRF): Innovative Grants – Application deadline October 31, 2017
- Leukemia & Lymphoma Society of Canada: New Idea Award – Letter of Intent deadline November 1, 2017; Application deadline February 10, 2018
- Marine Environmental Observation, Prediction and Response (MEOPAR) Network in partnership with exactEarth Ltd., Clear Seas Centre for Responsible Marine Shipping, Emergency Management British Columbia, Ocean Networks Canada, Call for Proposals: September 2017 – Application deadline November 8, 2017
- McMaster Institute for Research on Aging, Labarge Centre for Mobility in Aging, Technology + Design for Optimal Aging: A Networking Event – November 9, 2017
- Gerda Henkel Foundation: General Research Grants – Application deadline November 17, 2017
- Spencer (Spencer Foundation): Conference Grants for Advancing Education Research – Application deadline December 1, 2017
- Wenner-Gren Foundation: Conference and Workshop Grants – Application deadline December 1, 2017

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

Join Community of Science (COS) Pivot: an up-to-date database of funding opportunities from around the world, create your Pivot account at https://pivot.cos.com/session/login_help.
• **Ontario Brain Institute: Event Funding Program** – Application deadline December 15, 2017

• **Tinker Foundation Incorporated: Institutional Grants** - Letter of Inquiry deadline January 29, 2018; Application deadline March 1, 2018

• **Graham Foundation: Grants to Organizations** – Notify ROADS of Intent to Apply by January 29, 2018; Application deadline February 25, 2018

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

**Previously announced:**

• **Networks of Centres of Excellence of Canada (NCE), 2019 NCE Program Competition:** NCE Networks – Notify ROADS and your Associate Dean Research of Intent to Apply ASAP; ROADS draft Letter of Intent (LOI) deadline October 16, 2017; NCE Secretariat LOI deadline November 15, 2017

• **France Canada Research Fund – New Scientific Collaboration Support Program 2018** – Notify ROADS of Intent to Apply by October 17, 2017; Application deadline November 10, 2017

• **Mitacs: Globalink** – Globalink Orientation Session – October 24, 2017

• **Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging** – Program Information Webinar October 25, 2017; Letter of Intent deadline December 7, 2017

• **Canadian Network for Human Health and the Environment, Webinar with the Chemicals Management Plan (CMP): National Human Biomonitoring Programs** – October 26, 2017

• **ROADS: Arts Research Board (ARB) Fall 2017 Grants Competition** – Application deadline October 31, 2017

• **Networks of Centres of Excellence, BioCanRx, Biotherapeutics for Cancer Treatment: BioCanRx Rolling, Open Call** – Letter of Intent deadline November 1, 2017

• **The Getty Foundation: Conservation Guest Scholars** – Application deadline November 1, 2017

• **Cancer Research Institute: Grants** – Letter of Intent deadline November 1, 2017 and November 15, 2017

• **Grain Farmers of Ontario: Grants** – Application deadlines November 6, 2017 and November 24, 2017

• **Alzheimer Society Canada: 2018 Alzheimer Society Research Program** – Application deadline November 6, 2017
- BrightFocus Foundation: National Glaucoma Research Program – Application deadline November 7, 2017
- Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations, Round 20 – Application deadline November 8, 2017
- Bank of Canada: Fellowship Program – Nomination deadline November 10, 2017
- Ontario Ministry of the Environment and Climate Change: Great Lakes Guardian Community Fund – Application deadline November 10, 2017
- Brain Canada and Parkinson Canada: Brain Canada – Parkinson Canada Platform Grant – Letter of Intent deadline November 13, 2017
- Genome Canada: Genomic Applications Partnership Program (GAPP) Round 10 – Expression of Interest deadline November 13, 2017
- Fulbright Canada: Visiting Research Chair in Peace and War Studies at Norwich University – Application deadline November 15, 2017
- Fulbright Canada: Awards For Canadian Scholars – Application deadline November 15, 2017
- Canadian Hemophilia Society (CHS): Grants – Application deadline November 15, 2017
- Compute Canada: Resource Allocation Competitions – Application deadline November 16, 2017
- Department of Defense, Congressionally Directed Medical Research Programs, FY17-18 Defense Medical Research and Development Program (DMRDP): Award (Grant) – Pre-application deadline November 20, 2017; Application deadline February 5, 2018
- Department of Defense, Congressionally Directed Medical Research Programs: FY17 Breast Cancer Research Program (BCRP) II – November 21, 2017
- Natural Sciences and Engineering Research Council of Canada (NSERC), Belmont Forum-BiodivERsA: 2017-2018 Joint Call, Scenarios of biodiversity and ecosystem services – Pre-registration deadline December 1, 2017; Application deadline March 9, 2018
- Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.
- Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award – Applications are accepted on a rolling basis.
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.

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

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

SSHRC is now accepting applications for the Partnership Engage Grants competition. The grant is expected to respond to the objectives of the SSHRC Insight and the SSHRC Connection programs. (review Insight Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programs-programme_cadre/insight-savoir-eng.aspx; review Connection Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programs-programme_cadre/connection-connexion-eng.aspx)

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

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


Value:
$7,000 - $25,000 for 1 year

Application process:
Notify ROADS of intent to apply by October 24, 2017. The initial draft of the application and letters of support are due to ROADS by November 23, 2017. The final draft and a completed and signed Application Approval Form are due to ROADS by December 7, 2017. The SSHRC application deadline is December 15, 2017. (also March 15, 2018 and June 15, 2018)

ROADS contact:
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713
Canadian Space Agency (CSA) and the National Research Council Canada Industrial Research Assistance Program (NRC IRAP): Information Session

The CSA, in partnership with the NRC IRAP, will host an information session to help identify potential Canadian health and biomedical roles in human deep space missions, and explore new collaborations to improve the innovation process in both space and terrestrial health.

The information session will provide a platform to 1) hear from companies and researchers who have experience developing technologies and conducting research for space, 2) seek potential opportunities to play a role in support of astronaut healthcare and performance in future deep space, manned exploration missions.

The event:
**October 26, 2017**, 8:00am – 12:30pm, MaRS Discovery District, Toronto
The CSA invites you to apply to participate in the information session by completing a form and submitting it to an email address. (complete the form; email: asc.santespatiale-spacehealth.csa@canada.ca)

Due to limited space, the CSA will review all requests to participate and follow-up with a formal invitation and meeting details.


Juvenile Diabetes Research Foundation (JDRF): Innovative Grants

The JDRF has recently announced the following funding opportunities:

**Beta Cell Replacement Innovative Grants** and **Prevention Innovative Grants**, the objective: to provide seed funding for highly innovative research with significant potential to accelerate the mission of JDRF.


Proposals should address key outstanding questions and have the potential to lead to a change in the current paradigm or conventional wisdom and/or lead to a groundbreaking discovery. Preliminary data is not required in the proposal, however, the underlying premise, goal or hypothesis must be plausible and testable, and the proposal must be focused with a well-defined goal that is achievable within the timeframe of the award.

http://grantcenter.jdrf.org/rfa/

Value:
**Beta Cell Replacement** and **Prevention**: maximum $100,000 USD in direct costs, indirect costs 10%, total $110,000 for 1 year
**Application process:**
The JDRF application deadline is **October 31, 2017.**

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

---

**Patient-Centered Outcomes Research Institute (PCORI): Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes - Cycle 3 2017**

The PCORI seeks to fund pragmatic clinical trials, large simple trials, or large-scale observational studies that compare two or more alternatives for addressing:

1) prevention, diagnosis, treatment, or management of a disease or symptom;
2) improving healthcare system-level approaches to managing care;
3) communicating or disseminating research results to patients, caregivers, or clinicians; or
4) eliminating health or healthcare disparities.

(Review, 16 high-priority topics and research questions at https://www.pcori.org/sites/default/files/PCORI-PFA-2017-Cycle-3-Pragmatic-Studies.pdf)

Proposed studies must address critical clinical choices faced by patients, their caregivers, clinicians, or delivery systems. The proposals 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.

https://www.pcori.org/funding-opportunities/announcement/pragmatic-clinical-studies-evaluate-patient-centered-outcomes-4

**Value:**
Applicants are required to submit a budget.
Funds available, $90 million; maximum project budget, $10 million up to 5 years

**Application process:**
The PCORI letter of intent deadline is **October 31, 2017.**

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

---

**Leukemia & Lymphoma Society of Canada: New Idea Award**

The objective of the **New Idea Award** is to support 1) innovative approaches that may fundamentally change the understanding, diagnosis and/or treatment of blood cancers and related pre-malignant conditions, 2) novel concepts that may eventually lead to significant improvements in the clinical outcomes of patients.

http://www.llscanada.org/research/new-idea-award-0

*(Operating Grants to be announced shortly, http://www.llscanada.org/research/operating-grants)*
Value:
$75,000 for a 1 year

Application process:
The Leukemia & Lymphoma Society of Canada letter of intent deadline is November 1, 2017. The application deadline is February 10, 2018.

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

Marine Environmental Observation, Prediction and Response (MEOPAR) Network in partnership with exactEarth Ltd., Clear Seas Centre for Responsible Marine Shipping, Emergency Management British Columbia (EMBC), Ocean Networks Canada, Call for Proposals: September 2017

The MEOPAR Network is a national network of academic researchers, students, government scientists, and partners in the private, NGO and community sectors working together to reduce Canada’s vulnerability to marine risk.

The objective of the Call for Proposals is to 1) build multi-sectoral and interdisciplinary partnerships; 2) accelerate research from discovery (academic) to impact (end-users) (MEOPAR defines research impact as the effect on, change, or benefit to the economy, society, culture, public policy, government operations, the environment or quality of life), 3) accomplish knowledge mobilization activities.

There are four modules under this Call:

Module 1: Studying the use of automatic identification system transceivers on small vessels (Partner: exactEarth Ltd);

Module 2: Commercial shipping issues in Canada’s North (Partner: ClearSeas)

Module 3: Scientific modelling and decision-making frameworks for port infrastructure and marine transportation on the British Columbia, Washington and Alaska coastlines (Partner: EMBC)

Module 4: Open call for proposals that address one or more of the areas of MEOPAR’s Strategic Plan (review http://meopar.ca/about-meopar/strategic-plan).

All proposals must demonstrate end-user(s)/partner engagement in the project (beyond the Call/module partner).

MEOPAR’s research plan is organized into two themes, Theme 1: Environmental Change and Theme 2: Human Activity and is focused on providing research solutions to four Canadian socio-economic challenges:

a) the data coordination gap in ocean observation;
b) predictive capacity and environmental forecasts, particularly in the Arctic, in support of the Year of Polar Prediction;
c) knowledge-based and forecasting solutions to increase coastal community resilience;
d) technology and data solutions that minimize risk and maximize efficiency of marine industry operations, with emphasis on coastal and northern shipping.

http://meopar.ca/research/current-calls-for-proposals

Value:
Module 1: maximum $125,000 over 2 years
Module 2: maximum $500,000 over 2 years
Module 3: maximum $1 million over 2.5 years
Module 4: maximum $2.2 million over 2-3 years

Applicants are required to complete a detailed budget. Financial support from partners (in-kind and/or cash) will be viewed as a major asset to proposals, however, this is not a requirement for application.

Successful projects will receive funds from both MEOPAR and the Call/module partner.

Application process:
The MEOPAR Network application deadline is November 8, 2017.

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

McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging, Technology + Design for Optimal Aging: A Networking Event

The Labarge Centre for Mobility in Aging, within MIRA, has partnered with the Faculties of Engineering and Health Sciences to present a networking and knowledge sharing event for researchers, funders, and industry partners.

This event will provide opportunities to hear about ongoing projects at McMaster and to network with other collaborative thinkers, who aim to transform the experience of aging through technological innovation.

McMaster researchers in all Faculties are invited to bring their perspectives on technology and design for optimal aging.

http://mira.mcmaster.ca/  

Event:
November 9, 2017, 3:30-6:30pm at the McMaster University Club

Register at: https://docs.google.com/forms/d/e/1FAIpQLSdcXObQJoVu3VxdDwV6z3kk-QfiRtiKlTKej4Q2jkcB35DSg/viewform

Gerda Henkel Foundation: General Research Grants

The objective of the General Research Grant is to support the historical humanities, in particular, to support
research projects in the fields of Archaeology, Art History, Historical Islamic Studies, History, History of Law, History of Science, Prehistory and Early History.

The Gerda Henkel Foundation has recently announced the following funding opportunities:

1) **Research Projects** (review [https://www.gerda-henkel-stiftung.de/application_research-projects](https://www.gerda-henkel-stiftung.de/application_research-projects));
2) **Research Scholarships** (review [https://www.gerda-henkel-stiftung.de/application_research-scholarships](https://www.gerda-henkel-stiftung.de/application_research-scholarships))

[https://www.gerda-henkel-stiftung.de/research_grants](https://www.gerda-henkel-stiftung.de/research_grants)

**Value:**

*Research Projects*: Applicants are requested to submit a detailed cost calculation (e.g., personnel, travel, materials and/or other costs) for a maximum of 12 months.

*Research Scholarships*: Applicants are requested to submit a detailed cost calculation (e.g., travel, lodging, material costs) for 1 to 24 months.

**Application process:**
The Gerda Henkel Foundation application deadline is **November 17, 2017**.

**ROADS contact:**
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

---

**Spencer (Spencer Foundation): Conference Grants for Advancing Education Research**

The objective of the *Conference Grant* program is to 1) bring together researchers whose substantive knowledge, theoretical insight, and methodological expertise can be assembled in ways that build upon and advance best practices in education research, 2) offer a starting point for new research, 3) provide support to scholars for small research conferences and focused symposia.

The Foundation rotates the area of focus periodically to generate fresh ideas and perspectives on pressing educational challenges. The current focus is *Creating and Sustaining Equitable Educational Spaces*.

The Foundation is seeking proposals that will lead to robust research agendas, that support the advancement of learners who face structural and systemic barriers in their pursuit of educational opportunities.


**Value:**
maximum $50,000

**Application process:**
The Spencer Foundation application deadline is **December 1, 2017**.

**ROADS contact:**
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713
**Wenner-Gren Foundation: Conference and Workshop Grants**

The objective of the *Conference* and *Workshop Grant* is to 1) provide support to events that foster the creation of an international community of research scholars in anthropology, 2) advance significant and innovative anthropological research.

*Conferences* are defined as public events that are comprised primarily of oral and poster presentations to a larger audience of anthropologists. Priority is given to major conferences sponsored by large international anthropological organizations. The majority of the funds is expected to be used towards expenses for international scholars, who are making presentations at the conference and would not otherwise be able to attend.

*Workshops* are defined as working meetings that focus on developing and debating topical issues in theoretical anthropology. Workshops involve a small group of scholars who meet for a sufficient period of time to deal intensively with the topic. Priority is given to those workshops that devote the majority of time to discussion and debate, rather than to the presentation of papers. It is expected that workshops will result in a publication.


**Value:**
maximum $20,000

Application process:
The Wenner-Gren Foundation application deadline is **December 1, 2017**.
The December 2017 deadline for applications is for conferences and workshops to be held no earlier than July 2018.

**ROADS contact:**
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

**Ontario Brain Institute (OBI): Event Funding Program**

The objective of the *Event Funding Program* is to support initiatives that are compatible with the vision, goals and objectives of the OBI (review *About OBI: Our Work* at [http://braininstitute.ca/about-obi/our-work](http://braininstitute.ca/about-obi/our-work)).

An event may:

1) stimulate breakthroughs in brain research;
2) encourage translation of new discoveries to clinical practice;
3) facilitate connections among neurological charities, neuroscience researchers, and people living with brain disorders;
4) assist in the education and training of neuroscience researchers;
5) raise public awareness of brain disorders;
6) raise Ontario’s international profile in brain research and innovation.

[http://braininstitute.ca/programs-opportunities/event-funding-program](http://braininstitute.ca/programs-opportunities/event-funding-program)
Value:
maximum $5,000

Application process:
The OBI application deadline is December 15, 2017.

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

Tinker Foundation Incorporated: Institutional Grants

The objective of the Institutional Grant is to support the creation of effective policy changes to improve the lives of Latin Americans.

The Board of Directors has identified three program areas in which focused, expert research and innovation has the potential to make significant positive impact:

1) Democratic Governance (review http://www.tinker.org/content/democratic-governance);
2) Education (review http://www.tinker.org/content/education);
3) Sustainable Resource Management (review http://www.tinker.org/content/sustainable-resource-management).

Projects must have a strong public policy component, offer innovative solutions to problems facing these regions, and incorporate new mechanisms for addressing these programmatic areas. Activities may include but are not restricted to research projects, workshops and conferences.

The Foundation encourages collaboration among organizations in the United States and Latin America.

http://www.tinker.org/content/institutional-grants

Value:
Applicants are required to submit an itemized annual budget for the cost of the project.

Application process:
The Tinker Foundation Incorporated letter of inquiry deadline is January 29, 2018 (or earlier). The Foundation would appreciate receiving inquiries at least four weeks in advance of the application deadline to allow time for consultation with a program officer, and for proposal development.

The application deadline is March 1, 2018.

ROADS contact:
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

Graham Foundation: Grants to Organizations

The objective of the Grants to Organizations is to:

1) assist with the production and presentation of significant programs regarding architecture and the designed
environment, in order to promote dialogue, raise awareness, develop new and wider audiences;
2) support the organization in their effort to take risks in programming and create opportunities for experimentation;
3) recognize the vital role the organization plays in providing individuals with a public forum in which to present their work;
4) help the organization to realize projects that would otherwise not be possible without the Foundation’s support.

The Graham Foundation offers Production and Presentation Grants to organizations. The grants assist organizations with the production-related expenses that are necessary to take a project from conceptualization to realization, and public presentation. The projects include but are not limited to publications, exhibitions, installations, films, new media projects, conferences/lectures, and other public programs.

Projects must have clearly defined goals, work plans, budgets, production and dissemination plans.

An organization can only apply for one grant per year. Therefore, if ROADS receives more than one application by January 29, 2018, an internal selection committee will be established. http://www.grahamfoundation.org/grant_programs/?mode=organization

Value:
maximum $30,000
Production and Presentation Grants must be completed within 2 years of the project start date.


ROADS contact:
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data.

The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

Although all proposals will be considered, the ICLR has identified areas where it would like to see the literature developed. This list may be updated from time to time. Proposals that engage one or more of the following topics, or classes of disasters will be given extra weight:

1) Adaptation/Mitigation behaviours;
2) Hazard risk communication - pre/post disaster;
3) Community recovery/household recovery capacity;
4) Resilience indicators;
5) Damage assessments (social/environmental/economic);
6) Interagency and intergovernmental coordination;
7) Perceptions of natural hazards;
8) Post disaster mitigation – build back better.

In addition to expanding academic knowledge, funded researchers submit brief reports that make preliminary analyses of recent events available to ICLR’s multidisciplinary network of researchers, practitioners and educators, as well as other interested parties.

https://www.iclr.org/quickresponse.html

**Value:**
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc.

A maximum $5,000 is available for an exceptional proposal.

**Application process:**
The ICLR will accept applications at all times.

**ROADS contact:**
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

*Previously announced:*

**Networks of Centres of Excellence of Canada (NCE), 2019 NCE Program Competition:**

**NCE Networks**

The NCE has recently announced the launch of a competition for *NCE Networks*. The objective of the networks must: 1) be challenge-focused and solution-driven, 2) foster innovative research, training and the co-creation of new knowledge on critical issues of intellectual, social, economic and cultural significance, 3) engage partners in the design and execution of all network activities including knowledge creation, mobilization and exploitation, 4) promote equity, diversity and inclusion within the structure of the proposed network and its activities.

Both new and established networks are eligible to apply for funding. Established networks are defined as NCE networks that have been awarded NCE funds for all available funding cycles and whose final NCE funding term has ended or will end by March 2019. Funding will be allocated to the most meritorious applications that meet the threshold of excellence in all criteria.

http://www.nce-rce.gc.ca/Competitions-Competitions/Current-EnVigueur/NCECompetition-ConcoursRCE/Index_eng.asp
Value:
The funding available is $75 million over 5 years (approximately 40% of the budget will be allocated to fund new networks).
The budget request must be appropriate for the scope and scale of activities proposed and the projected deliverables. For established networks, the proposed budget should not necessarily be based on historical funding rates.

Application process:
Applying for NCE funding is a two stage process: a Letter of Intent (LOI) and an invited full application.

All LOIs from McMaster researchers require Faculty and University endorsement.

Notify Sherisse Webb, Assistant Director, Development, ROADS, at webbsh@mcmaster.ca and your Associate Dean Research of your intent to apply ASAP.

The draft LOI is due to ROADS by October 16, 2017. All LOIs must be received by the NCE Secretariat by November 15, 2017.

ROADS contact:
Sherisse Webb, Director, Development, ROADS, at webbsh@mcmaster.ca or extension 26946

France Canada Research Fund – New Scientific Collaboration Support Program 2018

The New Scientific Collaboration Support Program, financed by the France Canada Research Fund (FCRF), aims to accomplish the following objectives:

a) support developing new expert partnerships between France and Canada;
b) promote the advancement of research and innovation;
c) prepare and structure scientific cooperation between the two countries;
d) promote researcher mobility, particularly for young researchers;
e) provide research training for young researchers.

This program provides financing in all fields of scientific research for 1) new scientific projects jointly developed by French and Canadian teams that have never worked together, 2) the mobility of researchers and their students.

2018 Focus: research related to Low-Carbon.
Among all projects selected for funding 2018, the FCRF will fund 5 projects on Low-Carbon.

http://highereducation.francecanadaculture.org/en/node/13615

Value:
grants range from $8,000 to $15,000 over 2 years

Application process:
Notify ROADS of Intent to Apply by October 17, 2017. Applications must be submitted to both the Embassy of France in Canada and to ROADS by November 10, 2017.
All McMaster applications are subject to an internal selection process. Five proposals per Canadian member university will be selected by **December 9, 2017** for further consideration by a national, joint Canada-France committee.

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

---

**Mitacs: Globalink – Globalink Orientation Session**


The session will be held in Montreal, and will also be accessible via the web.

The event consists of two stand-alone parts. Participants may choose to attend one or both parts of the session.

*PART 1*: an overview of Globalink initiatives (1:00 - 2:15pm ET);
*PART 2*: updates on the initiatives, feedback on program implementation, and an open discussion (2:30 - 4:00pm).

The session is offered in English. French slides will be available. Participants are welcome to ask questions in both languages.

Forward topics or questions you wish addressed to helpdesk@mitacs.ca.

---

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

The objective of the *Transformational Research: Canada 2018* program is to 1) support translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging, 2) fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.


**Program Information Webinar**

The Institute will hold an online Program Information Webinar on October 25, 2017, at 1:00pm EDT. The session will provide comprehensive information on the application process and provide an opportunity for open questions.

Register at:  [https://register.gotowebinar.com/register/5977228168556194819](https://register.gotowebinar.com/register/5977228168556194819)

**Value:**
maximum $1,500,000 over a maximum 3 years per project

**Application process:**
The Weston Brain Institute letter of intent deadline is **December 7, 2017**.
ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

Canadian Network for Human Health and the Environment (CNHHE), Webinar with the Chemicals Management Plan (CMP): National Human Biomonitoring Programs

In collaboration with Health Canada, the CNHHE is hosting a teleconference/webinar on October 26, 2017 at 1:00pm (EDT) to present an overview of national human biomonitoring programs carried out under the Chemicals Management Plan (CMP). The focus will be on the biomonitoring component of the Canadian Health Measures Survey (CHMS), the Maternal-Infant Research on Environmental Chemicals, the Northern Contaminants Program, and how the data are used under the CMP.

Researchers are invited to take advantage of this opportunity.

Reply to cnhhe-rcshe@nb.lung.ca if you are interested in participating, along with your language preference for materials.


ROADS: Arts Research Board (ARB) Fall 2017 Grants Competition

The objective of the ARB is to cultivate a strong research base among the Faculties of Humanities, Social Sciences and Business. Specifically, ARB supports:

- research programs of new faculty;
- new and/or collaborative, interdisciplinary and/or multidisciplinary research initiatives;
- ongoing research that has a budget less than the minimum required for SSHRC applications;
- research-related conference travel;
- publication of peer-reviewed manuscripts.

It is expected that funding will lead to increased individual and group participation, and success in external grant competitions.

Seed funding is the Board's priority.

The following categories of grants are supported by the ARB:

- Conference Attendance and Representational Activities;
- Standard Research;
- Creative and Performing Arts;
- Scholarly Publications;
- Major Collaborative Project Seed Grants.

(review ARB at https://roads.mcmaster.ca/funding/arb/arb-details and Forms and Templates at https://roads.mcmaster.ca/forms)

To be eligible for ARB funding an applicant must be affiliated with McMaster University and must be eligible

The following will be considered affiliated with McMaster University:

- faculty members of McMaster University with a tenured or tenure-stream academic appointment;
- former faculty members of McMaster University who have retired while holding a tenured academic appointment;
- persons holding at least a one-year contractually-limited appointment at McMaster University;
- postdoctoral fellows who are conducting scholarly activity in the Humanities or Social Sciences, and who are supervised by a faculty member of McMaster University who holds a tenured or tenure-stream appointment;
- other persons who hold permanent appointments at McMaster University, who meet SSHRC eligibility criteria for SIG funding, and whose applications are approved by their Faculty Dean.

Preferential treatment will be given to new scholars. Applicants qualify as new scholars if they have not been the principal investigator on a previous successful research grant from the Tri-Agency (SSHRC, NSERC, CIHR), and one or more of the following applies:

- they completed their highest university degree within five years of the competition deadline;
- they have held a tenure-track university appointment at any university for five years or less;
- they have held an appointment at a university where tenure-track positions are offered, but never a tenure-track position; or
- they have had their career interrupted or delayed for family reasons.

**Value:**

**Conference:** maximum $4,000

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

**Standard Research and Creative & Performing Arts and Scholarly Publications:** maximum combined $7,000 per fiscal year (April 1 to March 31)

**Major Collaborative Project Seed:** maximum $15,000

Projects must be interdisciplinary and/or multidisciplinary in nature and involve at least three investigators, one being the Principal Investigator on the project.

Depending on the number of high-quality applications received, the ARB may be unable to fund all applications at the level requested.

**Application process:**

One complete, signed paper copy or electronic copy of the application form, including comments from the Department Chair, and all required attachments must be submitted to Muriel Gervais, ROADS, by October 31, 2017 at 4:30pm.

**ROADS contact:**

Muriel Gervais, Research Administration Analyst, at gervaism@mcmaster.ca or extension 21756
Networks of Centres of Excellence, BioCanRx, Biotherapeutics for Cancer Treatment: BioCanRx Rolling, Open Call

The objective of the BioCanRx Open Call is to provide funding to translate promising biotherapeutic discoveries from the lab to the clinic, with a particular emphasis on Clinical Trials / Investigational New Drug enabling work to support clinical trial applications.

Funding is available through the following Research Programs: 1) Clinical Trials; 2) Enabling Studies; 3) Catalyst; 4) Clinical, Social & Economic Impact.
(review More About Our Research Programs at https://biocanrx.com/research/research-program)

Value:
Clinical Trials: approximately $4 million over 5 years, BioCanRx will contribute to a maximum of 40% for the costs of a clinical trial;
Enabling Studies: approx. $5.5 million over 5 years, BioCanRx will contribute to a maximum of 50%;
Catalyst: approx. $3.5 million over 5 years. BioCanRx will contribute to a maximum of 50%;
Clinical, Social & Economic Impact: approx. $1.5 million over 5 years, BioCanRx will contribute to a maximum of 50%.

All projects must be completed by March 31, 2020.

Application process:
The BioCanRx letter of intent deadline is November 1, 2017.

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

The Getty Foundation: Conservation Guest Scholars

The objective of the Conservation Guest Scholars is to support new ideas and perspectives in the field of conservation, with an emphasis on the visual arts (including sites, buildings, objects) and the theoretical underpinnings of the field. The program provides an opportunity for professionals to pursue scholarly research in an interdisciplinary manner, across traditional boundaries, in areas of interest to the international conservation community.

Applications are welcome from conservators, scientists, architects, and professionals who have attained distinction in conservation and related fields.
(review Eligibility at http://www.getty.edu/foundation/initiatives/residential/conservation_guest_scholars.html)

Value:
monthly stipend of $3,500 for 3 or 6 consecutive months between late September and June

Application process:
The Getty Foundation application deadline is November 1, 2017.
ROADS contact:
Pame McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

Cancer Research Institute: Grants

The Cancer Research Institute has recently announced the following funding opportunities:

1) **Clinic and Laboratory Integration Program (CLIP) Grants**, the objective: to support basic, pre-clinical, and translational research that can be directly applied to optimizing cancer immunotherapy in the clinic.

https://www.cancerresearch.org/scientists/fellowships-grants/translational-research-grants

2) **Technology Impact Award**, the objective: to provide seed funding to address the gap between technology development and clinical application of cancer immunotherapies.

The grant aims to encourage collaboration between technology developers and clinical cancer immunologists, and to generate the proof-of-principle of a novel platform technology in bioinformatics, ex vivo or in silico modeling systems, immunological or tumor profiling instrumentation, methods, reagents and assays, or other relevant technologies that can enable clinician scientists to generate deeper insights into the mechanisms of action of effective, or ineffective cancer immunotherapies.


**Value:**

*CLIP*: $200,000 over 2 years  
*Technology Impact Award*: $200,000 over 12 to 24 months

**Application process:**
The Cancer Research Institute letter of intent deadline for the **CLIP Grant** is **November 1, 2017**. The letter of intent deadline for the **Technology Impact Award** is **November 15, 2017**.

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

Grain Farmers of Ontario: Grants

The Grain Farmers of Ontario has recently announced the following funding opportunities:

**Market Development General Call for Proposals**

1) **Grains Innovation Fund**, the objective: to support new and expanded markets for Ontario barley, corn, oats, soybeans, and wheat.

Eligible projects must open new markets for Ontario grains, expand the use and demand for Ontario grains, promote Ontario grains as the best choice, identify preserve varieties for novel uses, and/or increase the value (premiums) of Ontario grains.

http://gfo.ca/Home/Post/3304/Grains-Innovation-Fund-accepting-applications

**2018 Open Call for Research Proposals**

2) **Research**, the objective: to support barley, corn, oat, soybean and wheat proposals under four priority areas:

1) Agronomy & Production; 2) Weed, Disease & Insect Pests; 3) Breeding & Genetics; 4) Crop Utilization & Crop Quality.
High priority areas: Pesticide resistance management and coping with breakdown of resistance; Management of grain corn ear mould incidence and reducing the occurrence of vomitoxin (DON).
http://www.gfo.ca/Research/Research-Programs

Value:
Grains Innovation Fund: projects can receive up to 60% of the cost of the project, up to a maximum of $50,000

Research: applicants are required to complete a budget template

Application process:
The Grain Farmers of Ontario application deadline for the Grains Innovation Fund is November 6, 2017. The application deadline for Research is November 24, 2017.

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

Alzheimer Society Canada: 2018 Alzheimer Society Research Program (ASRP)
The ASRP targets two types of research:

a) Biomedical: focusing on the science of the brain and the changes that are associated with dementia, and identifying therapeutic targets to reverse, stop, or cure the disease.

b) Quality of Life (QoL): exploring issues that impact the lives of people with dementia and their caregivers including risk factors, behavioural and cognitive changes, physical support, caregiving and health service delivery.

The Alzheimer Society Canada has recently announced the following funding opportunities:

1) New Investigator Grants, the objective: to help launch the careers of outstanding researchers who are within the first two years of their initial faculty appointment.

2) Research Grants, the objective: to fund established investigators.


Value:
New Investigator Grants: $75,000 (Biomedical), $60,000 (QoL) over 3 years
Research Grants: $75,000 (Biomedical), $60,000 (QoL) over 2 years

Application process:
The Alzheimer Society Canada application deadline is November 6, 2017.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
BrightFocus Foundation: National Glaucoma Research Program

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

[https://www.brightfocus.org/research/national-glaucoma-research-program;](https://www.brightfocus.org/research/national-glaucoma-research-program;)
(review *See what research we fund* at [https://www.brightfocus.org/grant-search?field_disease_type=All&field_award_type=All&field_award_status=All&field_award_amount=All](https://www.brightfocus.org/grant-search?field_disease_type=All&field_award_type=All&field_award_status=All&field_award_amount=All) and [https://www.brightfocus.org/grants/types-grants](https://www.brightfocus.org/grants/types-grants)

**Value:**
$150,000 over 2 years

**Application process:**
The BrightFocus Foundation application deadline is **November 7, 2017**.

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

Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations, Round 20

The objective of the *Grand Challenges Explorations* is to foster early-stage discovery research to expand the pipeline of ideas for solving our greatest global health and development challenges.

Applications are being accepted for the following three topics:


[https://gcgh.grandchallenges.org/grant-opportunities](https://gcgh.grandchallenges.org/grant-opportunities)

**Value:**
Initial grants are $100,000 USD. Successful projects are eligible to receive follow-on funding of up to $1 million USD.
Application deadline:
The Bill & Melinda Gates Foundation application deadline is November 8, 2017.

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

Bank of Canada: Fellowship Program

The objective of the Fellowship Program is to encourage and foster excellence in research that relates to the Bank’s core functions: monetary policy; the financial system; currency; funds management. (http://www.bankofcanada.ca/core-functions/)

Potential research topics include, but are not limited to:

a) macroeconomics, microeconomics and labour economics;
b) financial system regulation;
c) domestic and global financial systems;
d) financial markets and institutions;
e) international trade, growth and development;
f) behavioural disciplines related to asset pricing and economic decision-making;
g) payment mechanisms and systems.

The nominee must be employed by a Canadian university in a tenure or tenure-track position during the term of the Fellowship Award.

http://www.bankofcanada.ca/research/fellowship-program/

Value:
The award consists of a research grant of $50,000 per year, and a research expense allowance of up to $40,000 per year for related research expenses and research assistants. The award is for a term of up to 5 years.

Application process:
The Bank of Canada nomination deadline is November 10, 2017.

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

Ontario Ministry of the Environment and Climate Change: Great Lakes Guardian Community Fund

Ontario is calling on community groups to help protect, restore and enhance the Great Lakes by applying for a Great Lakes Guardian Community Fund grant. The objective of the grant is to support not-for-profit organizations, First Nations and Métis communities and organizations for projects/activities that have a direct
environmental benefit to the Great Lakes (Lake Erie; Lake Huron; Lake Ontario; Lake Superior; St. Lawrence River; Ottawa River; their connecting channels and watersheds).

All projects must have a direct environmental benefit and support at least 1 of the 3 goals: Goal 1: protect water quality for human and ecological health; Goal 2: improve wetlands, beaches and coastal areas; Goal 3: protect habitats and species. 

Value: maximum $25,000; projects must be completed by February 2, 2019

Application process: The Ontario Ministry of the Environment and Climate Change application deadline is November 10, 2017.

ROADS contact: Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

Brain Canada and Parkinson Canada: Brain Canada – Parkinson Canada Platform Grant

The objective of the Platform Grant is to support the development and maintenance of a large-scale Canadian Parkinson Network and Registry (CaPNeR) involving multiple provinces in the field of Parkinson’s disease and related disorders, built on the foundation of the established and successful FRQS Quebec Parkinson Network. (review Quebec Parkinson Network at http://rpq-qpn.ca/en/)


Value: $2,000,000 over 3 years (review Use of funds, pages 4 and 5, at http://braincanada.ca/files/BC_PC_RFA_Sept_15_2017_Final_EN.pdf)

Application process: The Brain Canada letter of intent deadline is November 13, 2017.

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

Genome Canada: Genomic Applications Partnership Program (GAPP) Round 10

The objectives of the GAPP are to:

1) accelerate the application of Canadian genomics-derived solutions to real-world opportunities and challenges defined by industry, government, not-for-profits, and public sector “Receptors”.
2) channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;
3) enhance the value of Canadian genomics technologies, de-risking and incentivizing follow-on investment from industry and other partners;
4) foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology receptors.

To be eligible for GAPP funding, projects must:

a) develop and apply a genomics-derived tool, product or process to an opportunity or need defined by the Receptor(s);
b) focus on late stage research and development that will position the innovation for near term implementation / commercialization;
c) be co-led by an Academic and a Receptor organization in partnership with active and necessary roles;
d) have the potential to generate significant social and/or economic benefits for Canada.

Benefits sought in GAPP projects can include:

a) business growth and international competitiveness;
b) improved health and safety;
c) food security;
d) environmental protection;
e) public cost savings;
f) effective public policy;
g) economic development;
h) investment attraction or other tangible benefits.


**Value:**
Applicants may request up to 1/3 of the project budget from Genome Canada from a minimum contribution of $100,000 to a maximum of $2 million. The remaining project funding must be secured from other eligible sources, with at least 1/3 provided by the Receptor(s). (review Appendix 2. Guidelines for GAPP Projects, page 11 at https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf)

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years, but may be shorter or longer if justified.

**Application process:**
There is a three-stage, gated application process for this program: 1) Expression of Interest (EOI); 2) EOI / Project Pitch (invited); 3) Supplementary Proposal (invited).

The EOI is due to Ontario Genomics by November 13, 2017.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Fulbright Canada: Visiting Research Chair in Peace and War Studies at Norwich University

Norwich University welcomes a Fulbright Visiting Research Chair in Peace and War Studies with expertise in any of the following disciplines: International Relations; Military History; Diplomacy; Military Sociology; Terrorism; Just/Positive Peace; Information or Cyber Warfare.

Resident in the newly-formed Peace and War Center in the College of Liberal Arts, the Fulbright Visiting Research Chair will conduct research, guest lecture at the undergraduate level, and support the missions of the Peace and War Center, the College of Graduate and Continuing Studies’ Military History, Diplomacy or Information Assurance Programs. The Chair will have opportunities to participate in public lectures, attend conferences, and otherwise contribute to the intellectual life at Norwich University.

In addition to the award, the Chair is provided with a suitable workspace, as well as support services including access to numerous computer databases, Smithsonian Museum materials, and Norwich Museum archives.


Value:
$25,000 USD for 1 semester (4 months) beginning in either September or January.

Application Process:
The Fulbright Canada application deadline is November 15, 2017.

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

Fulbright Canada: Awards For Canadian Scholars

Fulbright Canada has announced the following Awards For Canadian Scholars:

1) Canadian Traditional Scholar Awards, the objective: 1) to support Canadian scholars in all disciplines, 2) to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities at any university or research center of their choice, in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States, and the relationship between the two countries. (http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html)

2) Canadian Visiting Research Chairs: are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Fulbright Visiting Research Chairs may guest lecture in university courses, mentor students, lecture in public venues, network and promote their research while representing the Fulbright program, their home and host institutions. (http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html)
review Distinguished Visiting Research Fellow Program at SUNY Plattsburgh and Scholar-in-Residence Program at http://www.fulbright.ca/programs/canadian-scholars.html

Value:

Canadian Traditional Scholar Awards: The award is valued at $12,500 USD for 1 semester (4 months) beginning in either September 2018 or January 2019.

Canadian Visiting Research Chairs: The award is valued at $25,000 USD for 1 semester (4 months) beginning in either September 2018 or January 2019.

Application Process:
The Fulbright Canada application deadline is November 15, 2017.

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

Canadian Hemophilia Society (CHS): Grants

The CHS has recently announced the following funding opportunities:

1) CHS Dream of a Cure Research Program, the objective: to support research towards improving the health and the quality of life of all people with inherited bleeding disorders, and finding a cure. http://www.hemophilia.ca/en/research/chs-dream-of-a-cure-research-program/

2) The CHS / Pfizer Care Until Cure Research Program, the objective: to support Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders including outcome evaluation. Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrand disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder. The following specific areas of interest have been identified for the 2018-2019 granting period: Hemophilia B; Transition and clinical issues; Clinical monitoring of hemophilia treatment; Product switching experience; Antifibrinolytic Therapy (review http://www.hemophilia.ca/en/research/the-chs---pfizer-care-until-cure-research-program/)

3) CHS - Novo Nordisk Psychosocial Research Program, the objective: to engage professionals/graduate students from the allied health disciplines (i.e., Nursing, Physiotherapy and Social Work) in research activities addressed to understanding the psychosocial impact of hemophilia and other inherited bleeding disorders, and to improve the quality of life of persons and families whose lives are affected by these disorders. The major portion of each grant would be to cover the research time for the successful candidate(s), including the time for research assistants. http://www.hemophilia.ca/en/research/chs---novo-nordisk-psychosocial-research-program/

Value:

Dream of a Cure: $75,000 per year per project to a maximum $150,000 which can be expended over 2 or 3 years
In addition, support will be available for Canadian science or medical students for a maximum stipend of $6,000 each up to 4 months.

The CHS / Pfizer Care Until Cure: $75,000 per year per project to a maximum $150,000 which can be expended over 2 or 3 years
**CHS - Novo Nordisk Psychosocial Research:** $20,000 - $40,000 for 1 year

**Application process:**
The CHS application deadline is **November 15, 2017.**

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

**Compute Canada: Resource Allocation Competitions**

Compute Canada has invited researchers to apply to the annual *Resource Allocation Competitions (RAC)* to request storage and compute resources.

Researchers are able to apply to two RAC.

1) **Research Platforms and Portals (RPP),** the objective: to enable communities to develop projects that improve access to shared datasets, enhance existing online research tools and facilities, or advance national or international research collaborations. The RPP competition is targeted specifically at applications that create new or support existing research platforms or portals. 

2) **Resources for Research Groups (RRG),** the objective: to enable individual faculty members and their sponsored research groups to access compute and storage resources beyond what can be obtained via the *Rapid Access Service.*
   (review *Rapid Access Service* at [https://www.computecanada.ca/research-portal/accessing-resources/rapid-access-service/](https://www.computecanada.ca/research-portal/accessing-resources/rapid-access-service/))

**Question & Answer (Q&A) Sessions**
Compute Canada is hosting two Q&A Sessions on **October 11, 2017** and **October 13, 2017** to outline important changes to the RAC 2018 process, and to answer questions.

**Value:**
Compute Canada is not a funding agency. Compute Canada expects to be able to allocate 124,000 core-years in computing power and 15.5 PB of storage.

**RPP:** Allocations in this competition may be awarded over multiple years, up to a maximum of 3 years.

**RRG:** Allocations are available for 1 year.

**Application process:**
The Compute Canada application deadline is **November 16, 2017.**

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17-18 Defense Medical Research and Development Program (DMRDP): Award (Grant)

The DoD has recently announced the following DMRDP funding opportunity:

**FY17 Toward A Next-Generation Trauma Care Capability: Foundational Research for Autonomous, Unmanned, and Robotics Development of Medical Technologies (FORwARD) Award**, the objective: 1) to support basic research to increase knowledge/understanding through discovery and hypothesis generation, 2) to provide basic fundamental knowledge that will inform and enable the future development of novel autonomous and/or robotic medical systems to care for wounded soldiers/patients through breakthrough, exploratory research. (review *Topic Areas, Autonomous and Unmanned Medical Capability* and *Medical Robotics Research*, page 4 at [http://cdmrp.army.mil/funding/pa/FY17-DMRDP-MSISRP-FOR.pdf](http://cdmrp.army.mil/funding/pa/FY17-DMRDP-MSISRP-FOR.pdf))


**Value:**
maximum $1.3 million over 2 years

Application process:
The DoD pre-application deadline is **November 20, 2017**. The application deadline is **February 5, 2018**.

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

---

Department of Defense (DoD): Congressionally Directed Medical Research Programs, FY17 Breast Cancer Research Program (BCRP) II: Awards (Grants)

The DoD has recently announced the following BCRP funding opportunities:

1) **Breakthrough Award Levels 1 and 2 II**, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer. There are two funding levels:

**Funding Level 1**: for innovative, high-risk/high-reward research that is in the earliest stages of idea development. The research must have the potential to yield new avenues of investigation. Proof of concept. No preliminary data required.

**Funding Level 2**: for research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation. (review *Overarching Challenges*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17-BCRP-BTA12.pdf](http://cdmrp.army.mil/funding/pa/FY17-BCRP-BTA12.pdf))

**Value:**

**Funding Level 1**: $375,000, with a Partnering Principal Investigator (PI) Option: $600,000 over 3 years;

**Funding Level 2**: $750,000, with a Partnering Principal Investigator (PI) Option: $1 million over 3 years

**Application Process**: The DoD pre-application deadline is **November 21, 2017**. The application deadline is **December 6, 2017**.
2) **Breakthrough Fellowship Award II**, the objective: to support recent doctoral or medical graduates in pursuit of innovative, high-impact breast cancer research during their postdoctoral fellowship. Each individual must be an exceptionally talented researcher and must 1) exhibit a strong desire to pursue a career in breast cancer research, 2) provide clear evidence for a researcher development plan, 3) demonstrate the proposed research has high potential to lead to or make breakthroughs in breast cancer. A mentor is required. (review *Overarching Challenges*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17-BCRP-BFA.pdf](http://cdmrp.army.mil/funding/pa/FY17-BCRP-BFA.pdf))

**Value**: maximum $300,000 over 3 years

**Application process**: The DoD pre-application deadline is **November 21, 2017**. The application deadline is **December 6, 2017**. The confidential letters of recommendation deadline is **December 11, 2017**.

3) **Era of Hope Scholar Award II**, the objective: to support individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer. These individuals should 1) be exceptionally talented scientists who have shown they are the “best and brightest” in their field(s) through extraordinary creativity, vision, innovation and productivity, 2) have demonstrated experience in forming effective partnerships and collaborations, 3) exhibit strong potential for future leadership in breast cancer research. (review Eligibility, Principal Investigator, page 6 at [http://cdmrp.army.mil/funding/pa/FY17-BCRP-EOH.pdf](http://cdmrp.army.mil/funding/pa/FY17-BCRP-EOH.pdf))


**Value**: maximum $2.5 million over 4 years

**Application process**: The DoD pre-application deadline is **November 21, 2017**. The application deadline is **December 6, 2017**. The confidential letters of recommendation deadline is **December 11, 2017**.

**ROADS Contact:**

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

**Simons Foundation Autism Research Initiative (SFARI): 2018 Pilot and Research Awards**

The SFARI has recently announced the following Awards to provide funding for investigators conducting bold, creative and rigorous research into the underlying biology, causes and treatment of autism spectrum disorders.

1) **Pilot Awards**, the objective: to support small-scale projects or early-stage experiments, that will build on preliminary data or a prior track record, and lead to competitive applications for funding by SFARI or other organizations. Investigators new to the field of autism are encouraged to apply.

2) **Research Awards**, the objective: to support experienced investigators with compelling, high-impact research on an experimental hypothesis for which preliminary data have already been gathered.

(review [SFARI’s 2018 funding priorities at](https://www.sfari.org/2017/10/02/sfaris-2018-funding-priorities/) )


(review [Simons Variation in Individuals Project (Simons VIP): New Data Release at](https://www.sfari.org/2017/08/18/simons-variation-in-individuals-project-simons-vip-new-data-release-2/) )
Natural Sciences and Engineering Research Council of Canada (NSERC), Belmont Forum-BiodivERsA: 2017-2018 Joint Call, Scenarios of biodiversity and ecosystem services

NSERC is participating in the Belmont Forum and BiodivERsA joint call on the following theme: *Scenarios of biodiversity and ecosystem services*.

The call will address the two following major (non-exclusive) priorities:

1) Development and application of scenarios of biodiversity and ecosystem services across spatial scales of relevance to multiple types of decisions;  
2) Consideration of multiple dimensions of biodiversity and ecosystem services in biodiversity scenarios.

The call aims at supporting proposals that explicitly address a scenario dimension, taking into account the following definition of scenarios: “**Scenarios of biodiversity and ecosystem services are the outputs of the combination of scenarios of indirect drivers and direct drivers — such as land use change, invasive alien species, overexploitation, climate change or pollution — and models of impacts of these drivers on biodiversity and ecosystem services.**”

Twenty-five funding organizations from 23 countries are joining this call: Argentina, Austria, Belgium, Brazil (State of Sao Paulo only), Bulgaria, Canada, Estonia, Finland, France, Germany, Ireland, Ivory Coast, Lithuania, The Netherlands, Norway, Poland, Romania, Slovakia, Spain, Sweden, Switzerland, Turkey, United States of America.

Scientific teams are invited to form international consortia comprising research groups from at least three countries participating in the call.

[http://www.biodiversa.org/1224](http://www.biodiversa.org/1224) and [http://www.biodiversa.org/1239](http://www.biodiversa.org/1239)

Value:  
The approximate global budget for this call is more than 25 million euro ($37 million CDN). NSERC’s contribution will be up to $300,000 per year for 3 years, with a maximum of $75,000 per year per project.
Application process:
The mandatory pre-registration deadline is December 1, 2017, 17:00 CET (local time in Brussels). The application deadline is March 9, 2018, 17:00 CET (local time in Brussels).

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

Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1

The objective of this Call is to provide seed funding for novel, high-risk, high-reward translational research to accelerate the development of safe and effective treatments for neurodegenerative diseases of aging.

Parkinson’s & Related Diseases include: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; Multiple system atrophy; prodromes; Vascular contributions.

All projects must involve the development of a therapeutic, and/or a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.

The Rapid Response program will have multiple calls per year, alternating between two different disease groups: PD-related diseases; Alzheimer disease (AD) -related diseases (to launch November 2017).

http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/

Program Information Webinar
The Weston Brain Institute hosted a Program Information Webinar on October 10, 2017. (registration https://register.gotowebinar.com/register/4497947423299780098)

Value:
maximum $200,000 over a maximum 18 months

Application process:
The Weston Brain Institute letter of intent deadline is December 4, 2017.

ROADS contact:
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

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

The objective of the International & Interdisciplinary Research Workshops is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centred on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.
The *Open Call* is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

[https://www.cifar.ca/assets/researchworkshops/](https://www.cifar.ca/assets/researchworkshops/)

**Value:**
CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.

**Application Process:**
The CIFAR will accept applications on a *rolling basis*.

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

---

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

The objective of the *SFARI Explorer Award* is to 1) support innovative, bold, rigorous autism research of the highest quality and relevance; 2) enable focused experiments; 3) deepen our understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches by investigation at multiple levels including, but not limited to, studies focused on gene discovery, molecular mechanisms, circuits, anatomy, cognition and behaviour.

[https://www.simonsfoundation.org/funding/funding-opportunities/autism-research-initiative-sfari/sfari-explorer-award/](https://www.simonsfoundation.org/funding/funding-opportunities/autism-research-initiative-sfari/sfari-explorer-award/)

**Value:**
maximum $70,000 for 1 year

**Application Process:**
Applications are considered on a *rolling basis* with a response time as early as 30 days.

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

---

**Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences**

The objective of the (new) *Targeted Grants in Mathematics and Physical Sciences* program is to support high-risk projects of exceptional promise and scientific importance in mathematics, theoretical physics and theoretical computer science.

[https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/](https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/)
Value:
There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and travel are allowable. The grant provides funding for up to 5 years.

Application Process:
Letters of Intent are considered on a rolling basis with a response time within 2 months.

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarl@mcmaster.ca or extension 24519

Shastri Indo-Canadian Institute (SICI): Grants

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Institute has recently announced the following funding opportunities:

1) Global Initiative for Academic Network (GIAN) Programme, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review Scope of GIAN, priority areas at http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/)

Value:
Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

Application Process:
Applications can be submitted throughout the year.

2) Shastri Faculty-In-Residence Programme (FIR)/Global Initiative for Academic Network (GIAN), the objective: for Canadian faculty members, scientists, and entrepreneurs to take up engagements at Indian institutions. This programme is projected to tap the talent pool of Canadian faculty and to 1) encourage them to connect with the institutes of Higher Education in India to boost the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review Scope, priority areas at http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/)

Value:
$8,000 – $12,000 USD for 1 or 2 weeks

Application Process:
Applications can be submitted throughout the year.
3) **SICI Membership Development Fund (SMDF) 2017-18**, the objective: to publicize and promote SICI mandates, as well as programs and grants offered by SICI Canada and India offices, to its Canadian Members Council Institutions to 1) enable faculty, student and staff of his /her institution to apply, and 2) receive the benefits of being active members of the SICI. [http://www.sici.org/programmes/details/SICI-Membership-Development-Fund-2017-18/](http://www.sici.org/programmes/details/SICI-Membership-Development-Fund-2017-18/)

**Value:**
Each Canadian member institution will receive up to $500 CND.

**Application Process:**
Applications can be submitted *throughout the year*.

**ROADS Contact:**
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583
**News & Events**

*NEW* **Technology + Design for Optimal Aging: A Networking Event**

The Labarge Centre for Mobility in Aging within MIRA has partnered with the Faculties of Engineering and Health Sciences to present a networking and knowledge sharing event for researchers, funders, and industry partners. McMaster researchers in all Faculties are invited to bring their perspectives on technology and design for optimal aging.

This event will provide opportunities to hear about ongoing projects at McMaster, and to network with other collaborative thinkers who aim to transform the experience of aging through technological innovation.

**Date:** Thursday, November 9, 2017  
**Time:** 3:30pm-6:30pm  
**Location:** The University Club  
**Registration required**

### Health Research Grant Competitions

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

<table>
<thead>
<tr>
<th>Funding Opportunity (CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR – Postdoctoral Fellowship Award Competition: 2017-2018</td>
<td></td>
<td></td>
<td>Nov 1</td>
</tr>
<tr>
<td>CIHR – Doctoral Research Award: Vanier Canada Graduate Scholarships (2017-2018)</td>
<td></td>
<td></td>
<td>Nov 1</td>
</tr>
<tr>
<td>CIHR – Fellowship: 2017-2018</td>
<td></td>
<td></td>
<td>Nov 1</td>
</tr>
<tr>
<td>CIHR – Fellowship: Fall 2017 Priority Announcement (Specific Research Areas)</td>
<td></td>
<td></td>
<td>Nov 1</td>
</tr>
<tr>
<td>CIHR – Catalyst Grant: Sex as a Variable in Biomedical Research</td>
<td></td>
<td></td>
<td>Oct 24</td>
</tr>
<tr>
<td>CIHR – Operating Grant: SPOR ICT Rewarding Success</td>
<td>Nov 7</td>
<td></td>
<td>Nov 21</td>
</tr>
<tr>
<td>CIHR – Operating Grant: Economic Forecasting</td>
<td>Nov 14</td>
<td></td>
<td>Nov 28</td>
</tr>
<tr>
<td>CIHR – Operating Grant: Secondary Data Analysis for Cancer Prevention and Control</td>
<td>Nov 7</td>
<td></td>
<td>Nov 14</td>
</tr>
<tr>
<td>CIHR – Master’s Award: 2017-2018 Frederick Banting and Charles Best Canada Graduate Scholarships</td>
<td></td>
<td></td>
<td>Nov 14</td>
</tr>
<tr>
<td>CIHR – Operating Grant: Opioid Crisis Knowledge Synthesis</td>
<td></td>
<td></td>
<td>Dec 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funding Opportunity (Non-CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHS JHCCF Fall 2017 Research Grant</td>
<td></td>
<td></td>
<td>Oct 23</td>
</tr>
<tr>
<td>Grant Title</td>
<td>Deadline</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-------------------</td>
<td>--------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>HHS Health Professional Investigator Operating Grant</td>
<td>Oct 28</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>Arts Research Board (ARB) Fall 2017 Grants Competition</td>
<td>Oct 31</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>BioCanRx: Biotherapeutics for Cancer Treatment</td>
<td>Nov 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michael G. DeGroote Fellowship Awards</td>
<td>Nov 1</td>
<td>Contact MGDFA</td>
<td></td>
</tr>
<tr>
<td>2018 Alzheimer Society Research Program (ASRP) Competition</td>
<td>Oct 23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hamilton Academic Health Sciences Organization (HAHOSO) AHSC AFP Innovation Fund</td>
<td>n/a</td>
<td>Nov 6</td>
<td></td>
</tr>
<tr>
<td>BrightFocus Foundation: National Glaucoma Research Program</td>
<td>Oct 24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bill &amp; Melinda Gates Foundation Grand Challenges Explorations</td>
<td>Oct 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mitacs Funding for Collaborative International Research</td>
<td>Oct 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> Breathing as One – Boehringer Ingelheim Canada COPD Catalyst Grant</td>
<td>Oct 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 10</td>
<td>Oct 31</td>
<td>Draft EOI to HRS</td>
<td></td>
</tr>
<tr>
<td>(please inform HRS of your intent to apply)</td>
<td>Nov 13</td>
<td>Draft EOI to Ontario Genomics</td>
<td></td>
</tr>
<tr>
<td>Fulbright Canada: Awards for Canadian Scholars</td>
<td>Nov 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HHS Research Early Career Awards</td>
<td>Nov 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canadian Hemophilia Society (CHS): Grants</td>
<td>Nov 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canadian Blood Services (CBS): Graduate Fellowship Program</td>
<td>Nov 16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Council of Ontario Universities (COU): The Ontario Women’s Health Scholars Awards 2018-2019</td>
<td>Contact Graduate Studies</td>
<td>Dec 1</td>
<td></td>
</tr>
<tr>
<td>European Respiratory Society (ERS) Marie Curie Post-doctoral Research Fellowships (RESPIRE 3)</td>
<td>Nov 17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orthopaedic Trauma Association: Resident Grant</td>
<td>Nov 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OMeGA 2018-2019 Fellowship Grant</td>
<td>Nov 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> Provincial Lung Association Grant Awards Program – National Grant Review (NGR)</td>
<td>Nov 17</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grants</td>
<td>Oct 24 to ROADS</td>
<td>Dec 7 to ROADS</td>
<td></td>
</tr>
<tr>
<td>Cancer Research Institute: Clinic &amp; Laboratory Integration Program (CLIP) Grant</td>
<td>Nov 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simons Foundation (SFARI): Pilot and Research Awards</td>
<td>Dec 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patient-Centered Outcomes Research Institute (PCORI) Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes – Cycle 3 2017</td>
<td>Oct 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> Provincial Lung Association Grant Awards Program – National Grant Review (NGR)</td>
<td>Nov 17</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grants</td>
<td>Oct 24 to ROADS</td>
<td>Dec 7 to ROADS</td>
<td></td>
</tr>
<tr>
<td>Cancer Research Institute: Clinic &amp; Laboratory Integration Program (CLIP) Grant</td>
<td>Nov 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simons Foundation (SFARI): Pilot and Research Awards</td>
<td>Dec 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patient-Centered Outcomes Research Institute (PCORI) Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes – Cycle 3 2017</td>
<td>Oct 31</td>
<td>Jan 23</td>
<td></td>
</tr>
</tbody>
</table>

*NEW* indicates new grant opportunities.
Weston Brain Institute: Transformational Research Canada 2018 Neurodegenerative Diseases of Aging  Dec 7  Mar 2018 (By invite only)

Natural Sciences and Engineering Research Council of Canada (NSERC) Belmont Forum-BiodivERsA: 2017-2018 Joint Call: Scenarios of Biodiversity and Ecosystem Services Nov 13 to ROADS  Mar 1 2018 to ROADS  Mar 9, 2018

Cancer Research Institute: Technology Impact Award Nov 15  Mar 1 2018  Mar 15 2018 (By invite only)

Brain Canada Foundation – Parkinson Canada Platform Grant Nov 13  Mar 16 2018  Mar 30 2018

MITACS Accelerate Internship Opportunities Jan 8 2018  Mar 18 2018  April 1 2018

Weston Brain Institute Rapid Response: Canada 2018 Parkinson’s & Related Diseases – Round 1 Dec 4  Mar 21 2018  Apr 4 2018 (By invite only)

MITACS Globalink Research Award – Special Opportunity Ongoing  MILO

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

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

<table>
<thead>
<tr>
<th>Funding Opportunities (DoD)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2017</td>
<td>Oct 25</td>
<td>Nov 1</td>
<td>Nov 15</td>
</tr>
<tr>
<td>Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2017 – Concept Award</td>
<td>Nov 15</td>
<td>Nov 22</td>
<td>Dec 6</td>
</tr>
<tr>
<td>Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2017</td>
<td>Nov 21</td>
<td>Nov 24</td>
<td>Dec 6</td>
</tr>
<tr>
<td>Department of Defense Medical Simulation and Information Sciences Research Program (MSISRP) Funding Opportunities for Fiscal Year 2017</td>
<td>Nov 20</td>
<td>Jan 22 2018</td>
<td>Feb 5 2018</td>
</tr>
</tbody>
</table>

**CIHR – Postdoctoral Fellowship Award Competition: 2017-2018**

Fellowships provide support for highly qualified candidates in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

**Funding Details:** The maximum amount awarded for a single award is up to $60,000 per annum for up to 5 years.

**Additional Details**

**Contact Correen Smith in Graduate Studies to Apply**

**Sponsor Deadline: November 1, 2017**

**CIHR – Doctoral Research Award: Vanier Canada Graduate Scholarships (2017-2018)**

The Vanier Canada Graduate Scholarship (Vanier CGS) was created to attract and retain world-class doctoral students and to establish Canada as a global centre of excellence in research and higher learning. It is available to both Canadian and international PhD students studying at Canadian universities.

The program is jointly administered by Canada’s three federal granting agencies: the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC). CIHR has been designated as the operational lead for the implementation of the program.
**Funding Details:** The total amount for this funding opportunity is $24,900,000, enough to fund approximately 166 awards. The maximum amount per award is $50,000 per year for 3 years. This funding is non-renewable.

**Additional Details**

Contact Correen Smith in Graduate Studies to Apply

**Sponsor Deadline:** November 1, 2017

---

**CIHR – Fellowship: 2017-2018**

Fellowships provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad. The specific objectives of this funding opportunity are:

- To provide recognition and funding to academic researchers;
- To provide a reliable supply of highly skilled and qualified researchers.

**Funding Details:** The maximum amount awarded for a single award is up to $60,000 per annum for up to 5 years. The value and duration of each award is determined by the degree(s) held, licensure (where applicable), location of tenure and experience of the applicant.

**Additional Details**

Contact Correen Smith in Graduate Studies to Apply

**Sponsor Deadline:** November 1, 2017

---

**CIHR – Fellowship: Fall 2017 Priority Announcement (Specific Research Areas)**

The specific objective of the Fellowship Priority Announcement (Specific Research Areas) is to offer additional sources of funding for highly rated applications that are relevant to specific CIHR research priority areas and mandates. Funds are available to encourage and support applications in specific areas that are aligned with CIHR’s research priority areas and mandates.

**CIHR Research Priority Areas**

- Clinical Nutrition
- Diabetes
- Gastroenterology
- HIV/AIDS
- Research in First Nations, Métis and/or Inuit Health

**Funding Details:** The total amount available for this funding opportunity is $600,000, enough to fund approximately two (2) awards. This amount may increase if additional funding partners or internal collaborators decide to participate. The maximum amount awarded for a single award is $60,000 per annum for up to five (5) years.

**Additional Details**

Contact Correen Smith in Graduate Studies to Apply

**Sponsor Deadline:** November 1, 2017

---

**CIHR – Catalyst Grant: Sex as a Variable in Biomedical Research**

The specific objectives of this funding opportunity are:

- To add value to the current state of basic biomedical knowledge on a given topic that has potential to, but has not yet fully elucidated, the impact of sex on biological mechanisms or pathophysiology.
- To promote increased awareness, knowledge and self-efficacy among biomedical researchers regarding the integration of sex as a variable in their research.
- To contribute to the improvement of women and men’s health in Canada and the world.

**Funding Details:** The total amount available for this funding opportunity is $3,450,000, enough to fund approximately 23 grants. The maximum amount per grant is $75,000 per year for up to 2 years. This funding is non-renewable.

**Additional Details**

Internal HRS Deadline: October 24, 2017

**Sponsor Deadline:** November 7, 2017
The Strategy for Patient-Oriented Research (SPOR) Collaboration Grants are expected to catalyze patient-oriented research that aligns with the SPOR Capacity Development Framework and the SPOR Patient Engagement Framework by:
Building capacity in Canada’s health system for patient-oriented research through projects conducted by teams comprised of researchers, patients, health care professionals and/or policy-makers; and,
Increasing the number of new/early career investigators meaningfully involved in patient-oriented research by integrating them in patient-oriented research teams.

Funding Details: The total amount available for this funding opportunity is $1,600,000, enough to fund approximately 40 grants. The maximum amount per grant is $40,000 per year for up to one year.

Additional Details
Internal HRS Deadline: October 31, 2017
Sponsor Deadline: November 14, 2017

CIHR – Operating Grant: SPOR iCT Rewarding Success
The Rewarding Success Initiative is an experimental funding model that is being piloted in five provinces: Alberta, British Columbia, Manitoba, Newfoundland & Labrador, and Saskatchewan. The Rewarding Success Initiative is similar to other funding models that have been developed to support innovation and impact such as risk sharing, social impact bonds, and innovation prizes. The basic principle is that teams of patients, healthcare delivery organizations, clinicians, and researchers identify potential solutions to identified problems and priorities in health care; solutions that will enhance patient and provider experience while also:
- reducing low value health care (e.g. unnecessary diagnostic tests/ drugs), and/or
- addressing health care inefficiencies (e.g. wait lists), and/or
- reducing avoidable morbidity (e.g. stroke)

Funding Details: The total amount available for this funding opportunity is $1,050,000.
- Phase 1 - Idea Brief: The total amount available for this phase of the initiative is $50,000, enough to fund approximately 20 travel awards, up to four (4) per participating province. The maximum amount per travel award is $2,500.
- Phase 2 – Ideathon: The total amount available for this phase of the initiative is $1,000,000, enough to fund approximately ten (10) grants, up to two (2) per participating province, for the duration of one (1) year. The maximum amount per grant is $100,000.

Additional Details
Internal HRS Deadline: November 7, 2017
Sponsor Deadline: November 21, 2017

CIHR – Operating Grant: Economic Forecasting
The objective of the Economic Forecasting funding opportunity is to:
- Advance knowledge in health economic forecasting of the cost of primary and secondary prevention, and early intervention services.
- Build capacity to produce financial projections that would more easily allow government departments to understand the impact of scaling evidence-based primary and secondary prevention interventions on their budgets over time.

Funding Details: The total amount available for this funding opportunity is $265,000, enough to fund approximately one grant for up to one year. Of this amount:
- The J.W. McConnell Family Foundation will contribute up to $90,000;
- CIHR-ISHPR will contribute $116,700; and
- CIHR-IHDCYH will contribute $58,300.

Additional Details
Internal HRS Deadline: November 14, 2017
Sponsor Deadline: November 28, 2017
CIHR – Operating Grant: Secondary Data Analysis for Cancer Prevention and Control

The specific objective of this funding opportunity is to support projects that have the potential to significantly advance our understanding of cancer prevention and cancer control through the analysis of existing National or International large cohorts and/or administrative datasets specific to one of the three research areas above. Such projects/analyses could lead to the identifications of prevention and treatment interventions, programs or protocols which contribute to the improvement of care and the reduction of morbidity and mortality.

Funding Details: The total amount available for this funding opportunity is $1,000,000 enough to fund approximately ten (10) grants. The initial amount per grant is $75,000 for up to 1 year. Of this $1,000,000:

- $250,000 will be dedicated for a possible additional amount of up to $25,000 per grant for biologic sample analysis from the cohorts, for a maximum grant value of $100,000. The biological sample analysis may only occur with an existing repository and established database with sample data (not on newly collected samples). A justification will be required to have access to these additional funds.
- In considering the initial $750,000 for the 10 grants:
  - $150,000 is available to fund two (2) grants relevant to breast cancer.
  - $600,000 is available to fund eight (8) grants relevant to all other cancers.
- If there are no fundable applications in the breast cancer funding pool, the funds will be transferred to the other pool.

Additional Details
LOI Deadline: November 7, 2017
Internal HRS Deadline: November 14, 2017
Sponsor Deadline: November 28, 2017

CIHR – Master’s Award: 2017-2018 Frederick Banting and Charles Best Canada Graduate Scholarships

The Canada Graduate Scholarships Master’s Awards are intended to provide special recognition and support to students who are pursuing a Master's degree in a health related field at a Canadian institution. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

Some Canada Graduate Scholarship recipients may be considered for the honour of having their scholarship named a "Canada Graduate Scholarship to Honour Nelson Mandela," should CIHR deem their application to be aligned with at least one of five themes championed by Mandela: national unity; democracy; freedom and human rights; leadership; children’s participation in society; and children’s health.

Funding Details: The total amount available for this funding opportunity is $7M, enough to fund approximately 400 awards.

Additional Details
Contact Antonella Masciantonio in Graduate Studies to Apply
Sponsor Deadline: December 1, 2017

CIHR – Operating Grant: Opioid Crisis Knowledge Synthesis

This Funding Opportunity is expected to:
- Address the pressing evidence needs of knowledge users within one or more pillars of the CDSS.
- Increase the application of knowledge related to one or more pillars of the CDSS in policy and decision-making, in order to address the most urgent elements of the opioid crisis, including opioid-related mortality rates.
- Encourage syntheses that consider sub-populations and/or the biological and social determinants of problematic opioid use.

Funding Details: The total amount available for this funding opportunity is $1,850,000.
- The maximum amount per grant is $110,000 for up to 6 months ($100,000 for knowledge synthesis, $10,000 to facilitate knowledge translation, such as for an end-of-grant knowledge exchange).
- The maximum amount for a scoping review is $60,000 for up to 6 months ($50,000 for the scoping review, $10,000 to facilitate knowledge translation, such as for an end-of-grant knowledge exchange).

Additional Details
Internal HRS Deadline: November 21, 2017
Sponsor Deadline: December 5, 2017
HHS JHCCF Fall 2017 Research Grant
Juravinski Hospital and Cancer Centre Foundation’s (JHCCF) main purpose is to champion and advance the vision and mandate of the Juravinski Cancer Program (JCP). As part of its commitment to research, the Foundation sponsors a Research Grant Program that awards funding through a rigorous peer reviewed application process, once or twice yearly. To be eligible, the principal investigator or co-principal investigator must work at Hamilton Health Sciences (HHS) or be a full member of the Department of Oncology at McMaster University.

**Funding Details:**
- **Total Research Funds Available** – $400,000
  - Research Development Grants – Maximum Funding $50,000
  - Thematic Research Grants – Maximum Funding $100,000
  - Research Specific Topics
    - BRIGHT Run – $100,000 available in support of Breast Cancer Research
    - Kuhn Award in Memory of Jay Kuhn – $10,000 available in support of Hodgkin Disease or non-Hodgkin Lymphoma Research

**Additional Details**
**Sponsor Deadline:** October 23, 2017
*For Additional Information please contact Gwen Flynn, Donor Relations and Grant Associate at flynnsgwen@hhsc.ca*

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

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

**Additional Details**
**Sponsor Deadline:** October 28, 2017

Arts Research Board (ARB) Fall 2017 Grants Competition
Applications are now being accepted for the Arts Research Board (ARB) Fall 2017 Grants Competition. The key objective of the ARB is to cultivate a strong research base among the Faculties of Humanities, Social Sciences and Business. Specifically, ARB supports:
- research programs of new faculty;
- new and/or collaborative, interdisciplinary and/or multidisciplinary research initiatives;
- ongoing research that has a budget less than the minimum required for SSHRC applications;
- research-related conference travel; and
- publication of peer-reviewed manuscripts

It is expected that funding will lead to increased individual and group participation and success in external grant competitions. Seed funding is the Board’s priority.

The following categories of grants are supported by ARB:
- Conference Attendance and Representational Activities
- Standard Research
- Creative and Performing Arts
- Scholarly Publications
- Major Collaborative Project Seed Grants

**Funding Details:**
- **Conference Grant** - $4,000
- **Standard Research, Creative & Performing Arts, and Scholarly Publications Grants** – Combined, $7,000
- **Major Collaborative Project Seed Grant** - $15,000
BioCanRx: Biotherapeutics for Cancer Treatment

The objective of the BioCanRx Open Call is to provide funding to translate promising biotherapeutic discoveries from the lab to the clinic, with a particular emphasis on Clinical Trials/Investigational New Drug enabling work to support clinical trial applications. Funding is available through the following Research Programs:

- Clinical Trials;
- Enabling Studies;
- Catalyst;
- Clinical, Social & Economic Impact

Funding Details:

- **Clinical Trials**: approximately $4 million over 5 years, BioCanRx will contribute to a maximum of 40% for the costs of a clinical trial;
- **Enabling Studies**: approx. $5.5 million over 5 years, BioCanRx will contribute to a maximum of 50%; Catalyst: approx. $3.5 million over 5 years. BioCanRx will contribute to a maximum of 50%;
- **Clinical, Social & Economic Impact**: approx. $1.5 million over 5 years, BioCanRx will contribute to a maximum of 50%.

Michael G. DeGroote Fellowship Awards

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.

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

2018 Alzheimer Society Research Program (ASRP) Competition

The ASRP provides grants and awards to support Canadian studies that promise new insights into causes, prevention, diagnosis, treatment and management of Alzheimer’s disease and other dementias.

Awards

- **Doctoral Awards** provide an opportunity for promising individuals, pursuing a PhD, to begin the process of becoming future independent investigators in the field of Alzheimer’s disease and other dementias.
- **Postdoctoral Awards** are for graduates with a PhD or MD who wish to gain additional research experience within an established research environment.

Grants

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

Funding Details:

- **Doctoral Awards** - $22,000/year for 3 years
- **Post-Doctoral Awards** - $41,500/year (PhD) or $51,500/year (MD) for 2 years
- **New Investigator Grants** - $60,000/year (QoL) or $75,000/year (Biomedical) for 3 years
• **Research Grants** - $60,000/year (QoL) or $75,000/year (Biomedical) for 2 years

**Additional Details**

**Internal HRS Deadline:** October 23, 2017  
**Sponsor Deadline:** November 6, 2017

---

**Hamilton Academic Health Sciences Organization (HAHSO) AHSC AFP Innovation Fund**

The Provincial AHSC AFP Innovation Fund was established from new annual AHSC AFP funding under the Physician Services Agreement between the Ontario Medical Association (OMA) and the Ministry of Health and Long-Term Care (MOHLTC). This Innovation Fund is targeted to support: “the development of new and innovative practices in health care delivery, and to support leadership and the dissemination of knowledge across the healthcare system.”

The HAHSO Grant Adjudication Panel manages the application process and formulates recommendations regarding funding approval of Innovation Fund proposals to the HAHSO Board of Directors who in turn submit recommended projects to the Innovation Fund Provincial Oversight Committee. (IFPOC)

**Funding Details:** The maximum annual funding is limited to $100,000 and the maximum duration of the project is two years.

---

**BrightFocus Foundation: National Glaucoma Research Program**

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

**Funding Details:** $150,000 over 2 years

**Additional Details**

**Internal HRS Deadline:** October 24, 2017  
**Sponsor Deadline:** November 7, 2017

---

**Bill & Melinda Gates Foundation Grand Challenges Explorations**

Grand Challenges Explorations is an initiative where initial grants are for USD $100,000 and successful projects are eligible to receive follow-on funding of up to USD $1 million. Proposals are solicited twice a year for an expanding set of global health and development topics. Applications are only two pages, and no preliminary data is required. Applicants can be at any experience level; in any discipline; and from any organization, including colleges and universities, government laboratories, research institutions, non-profit organizations and for-profit companies.

The Bill & Melinda Gates Foundation is accepting applications on the following three topics:

- **Novel Approaches for Improving Timeliness of Routine Immunization Birthdose and Healthcare Worker Skill in Low-Resource Settings;**
- **Healthy Minds for Adolescent Mothers: Achieving Healthy Outcomes for the Family;**
- **Innovations for Integrated Diagnostics Systems**

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

**Additional Details**

**Internal HRS Deadline:** October 25, 2017  
**Sponsor Deadline:** November 8, 2017, 11:30 am Pacific Time

---

**Mitacs Funding for Collaborative International Research**

Mitacs is accepting applications for competitive international research opportunities, including student travel to and from Canada. The deadline to apply is November 8, 2017, at 5 p.m. PT.

Projects last 12–24 weeks and are open to graduate students in all disciplines. Select destinations are also open to senior
undergraduates. Graduate students can also apply to the Mitacs-JSPS Summer Program, which supports travel to Japan for a 10-week research project in the summer of 2018.

**Funding Details:** Funding varies by destination

---

**Breathing as One – Boehringer Ingelheim Canada COPD Catalyst Grant**

The Breathing as One - Boehringer Ingelheim Canada COPD Catalyst Grant competition promotes innovative research related to the treatment/quality of life, mechanism of disease, and health care services for COPD. Catalyst grants are scalable research studies that can be pilot studies, feasibility studies, translational studies, and novel and innovative approaches. Applicants should be creative and think broadly. To this end, submissions to this grant competition should only be made for new project ideas and not the continuation of an existing project. Breathing as One - Boehringer Ingelheim Canada: COPD Catalyst Grant - 2017 Guidelines and Instructions

October 2017 Page 2 Even though your long-term goals for the project may extend beyond the means and time-line of this grant, within one-year, the results of the catalyst projects should enable the development of funding proposals that are eligible for submission to national or international peer-reviewed competitions.

**Funding Details:** The total amount available for this funding opportunity is $60,000. The maximum amount per grant is $30,000. For one year and the funding is non-renewable.

---

**Ontario Genomics: Genomic Applications Partnership Program (GAPP) Round 10**

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.

---

**Fulbright Canada: Awards for Canadian Scholars**

Fulbright Canada has announced the following Awards for Canadian Scholars:

1) **Canadian Traditional Scholar Awards**, the objective:

   1) To support Canadian scholars in all disciplines,
2) To enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities at any university or research center of their choice, in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States, and the relationship between the two countries.([http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html](http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html))

2) **Canadian Visiting Research Chairs**: are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Fulbright Visiting Research Chairs may guest lecture in university courses, mentor students, lecture in public venues, network and promote their research while representing the Fulbright program, their home and host institutions.([http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html](http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html))

**Funding Details:**
- **Canadian Traditional Scholar Awards**: The award is valued at $12,500 USD for 1 semester (4 months)
- **Canadian Visiting Research Chairs**: The award is valued at $25,000 USD for 1 semester (4 months)

Both awards begin in either September 2018 or January 2019.

**Additional Details**

**Internal HRS Deadline**: **November 1, 2017**

**Sponsor Deadline**: **November 15, 2017**

**HHS Research Early Career Awards**

The Hamilton Health Sciences Research Early Career Awards (ECA) are research personnel stipends awarded annually. These Early Career Awards are to be used to help the applicant pursue research in their specialty area through either purchasing a portion of time for the applicant’s salary **OR** a portion of time for salaries of research personnel who are supervised by the applicant. Candidates must be staff members of Hamilton Health Sciences, or members of HHS research institutes, and must hold a faculty appointment.

**Funding Details**: up to $50,000 annually, for up to 3 years.

**Additional Details**

**Sponsor Deadline**: **November 15, 2017**

**Canadian Hemophilia Society (CHS): Grants**

The CHS has recently announced the following funding opportunities:

1) **CHS Dream of a Cure Research Program** – Supporting research towards improving the health and the quality of life of all people with inherited bleeding disorders.

2) **The CHS/Pfizer Care Until Cure Research Program** – This program allows Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders, including outcome evaluation. Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrands disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder.

3) **CHS – Novo Nordisk Psychosocial Research Program** – The program was created to engage professionals/graduate students from the allied health disciplines (i.e. Nursing, Physiotherapy & Social Work) in research activities addressed to understanding the psychosocial impact of hemophilia and other inherited bleeding disorders and to improve the quality of life of persons and families whose lives are affected by these disorders.

**Funding Details:**
- **Dream of a Cure** – $75,000 per year per project to a maximum of $150,000 which can be expended over 2 or 4 years.
- **The CHS/Pfizer Care Until Cure** – $75,000 per year per project to a maximum $150,000 which can be expended over 2 or 3 years.
- **CHS – Novo Nordisk Psychosocial Research** - $20,000 - $40,000 for 1 year

**Additional Details**

**Internal HRS Deadline**: **November 1, 2017**

**Sponsor Deadline**: **November 15, 2017**
**Canadian Blood Services (CBS): Graduate Fellowship Program**

The Canadian Blood Services Graduate Fellowship Program provides stipend support for young investigators who want to initiate or continue training in the field of transfusion science. Graduate students undertaking full-time research training in a Canadian institution are invited to apply.

**Funding Details:** The fellowship has a value of $25,000 per annum with an additional travel allowance of $1,000 per year of support. Students may be supported for a maximum of four years, with a requirement for successful renewal half way through the fellowship.

**Additional Details**

**Internal HRS Deadline:** November 16, 2017  
**Sponsor Deadline:** November 30, 2017

---

**Council of Ontario Universities (COU): The Ontario Women’s Health Scholars Awards 2018-2019**

The Ontario Women’s Health Scholars Awards Program was established with the support of the Ministry of Health and Long-Term Care to ensure that Ontario attracts and retains pre-eminent scholars studying women’s health. The Ontario Women’s Health Scholars Awards Program aims to establish a research community that meets or exceeds internationally accepted standards of scientific excellence in its creation of new knowledge about women’s health and its translation into improved health for women, more effective health services and products for women, and a strengthened health care system.

**Funding Details:** For 2018-19, the program offers up to:

- three renewable one-year awards of $25,000 (plus a research allowance of $1,000) at the master’s level;
- three renewable one-year awards of $35,000 (plus a research allowance of $2,000) at the doctoral level; and
- two renewable one-year awards of $50,000 (plus a research allowance of $5,000) at the postdoctoral level.

**Additional Details**

**Contact Antonella Masciantonio in Graduate Studies to Apply**  
**Sponsor Deadline:** December 1, 2017

---

**European Respiratory Society (ERS) Marie Curie Post-doctoral Research Fellowships (RESPIRE 3)**

This project has received funding from the European Union’s Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 713406. RESPIRE3 is an international, inter-sectoral and inter-disciplinary programme providing Marie Skłodowska-Curie post-doctoral research fellowships to early stage scientists with the potential to become the leaders of tomorrow in the respiratory field. It is co-funded by the European Union (EU) and builds on the success of the previous RESPIRE1 and RESPIRE2 programmes.

Fellowship candidates can choose between two options, both offering attractive working conditions and a strong focus on career development:

- 2-year European Fellowships - open to candidates of any nationality to come to or move within Europe
- 3-year Global Fellowships - also now on offer

**Funding Details:** The ERS RESPIRE3 grant covers the following allowances (full-time rates), covered through ERS/EU co-funding:

- Living Allowance €56’400.-  
- Mobility allowance €14’600.- for moving to a new country & career development  
- Family allowance (only if applicable) €6’000.-

**Additional Details**

**Internal HRS Deadline:** November 17, 2017  
**Sponsor Deadline:** December 1, 2017

---

**Orthopaedic Trauma Association: Resident Grant**

The principal investigator must be an orthopaedic resident (the co-principal investigator does NOT have to be a resident). Either the principal investigator, or co-principal investigator, must be an OTA member (in good standing). The research must be conducted in North America. OTA Resident Grants will not be awarded to subsidize larger on-going research projects.

**Funding Details:** Resident Grants up to $20,000 are available for clinical research or basic research projects.

**Additional Details**
OMeGA 2018-2019 Fellowship Grant
OMeGA is now accepting fellowship applications for the 2018-2019 academic years. Grants support clinical orthopaedic fellowship programs and may be used for a fellow's salary and benefits. (Programs can request preapproval of other direct educational expenses if salary and benefit support is not possible.) Applications are scored individually and ranked in comparison to other subspecialty applicants. Awards are determined by available funding each academic year, which varies by subspecialty.

Funding Details: Up to $75,000

Additional Details

Provincial Lung Association Grant Awards Program – National Grant Review (NGR)
The Grant-in-Aid (GIA) program, a national peer reviewed application process, supports pulmonary research or development projects and offers grants for research operating costs, including laboratory supplies, technicians and some equipment for up to one or two years (varies from province to province). The Canadian Lung Association (CLA) manages the GIA program application and peer review processes. The provincial Lung Associations make funding decisions and administer the awards, taking into account application budgets and competition results. The participating provincial Lung Associations are:

- British Columbia Lung Association
- Lung Association - Alberta & Northwest Territories (NWT)
- Lung Association - Ontario

Applicants should refer to their respective provincial regulations governing Grants-in-Aid for additional information as guidelines vary from province to province.

Funding Details: Up to $50,000 for 1 year

Additional Details

Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grants
The Social Sciences and Humanities Research Council of Canada (SSHRC) is now accepting applications for the Partnership. Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. They provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.

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

Additional Details

Cancer Research Institute: Clinic & Laboratory Integration Program (CLIP) Grant
CLIP Grants provide funding for qualified scientists who are working to explore clinically relevant questions aimed at improving the effectiveness of cancer immunotherapies. The grant will support basic, pre-clinical, and translational research, which will provide information that can be directly applied to optimizing cancer immunotherapy in the clinic.
Candidates for a CLIP Grant must hold a faculty appointment as a tenure-track assistant professor (or higher rank) at the time of award activation. CRI has no citizenship restrictions, and research supported by the award may be conducted at medical schools and research centers in the United States or abroad. Please note that CLIP Grants do not support research at for-profit institutions.

Funding Details: CLIP Grants provide up to $100,000 per year for two years.

Additional Details
LOI Deadline: November 1, 2017
Internal HRS Deadline: January 18, 2017
Sponsor Deadline: February 1, 2018 (By Invite Only)

Simons Foundation (SFARI): Pilot and Research Awards
SFARI Pilot Award
This application type is for innovative, high-impact proposals requesting support for small-scale projects or early-stage experiments that will build on preliminary data or a prior track record and lead to competitive applications for funding by SFARI or other organizations. Investigators new to the field of autism are encouraged to apply for Pilot Awards. The total maximum award amount is $330,000, including indirect costs, for two years. Budgets for individual years can vary as long as the budget over two years does not exceed the maximum total award amount. Please note that SSC and Simons VIP biospecimen costs are not included in the maximum budget.

SFARI Research Award
This application type is for competitive proposals from investigators with demonstrated expertise requesting support for compelling, high-impact research on experimental hypotheses for which, in most cases, preliminary data have already been gathered. The foundation will also consider projects focusing on a central hypothesis where success depends on close collaboration between two or more labs. We expect to fund proposals for a maximum total award amount of $975,000, including indirect costs, for three years, but under exceptional circumstances we will consider proposals at higher levels. Budgets for individual years can vary as long as the budget over three years does not exceed the maximum total award amount. We realize that research involving human subjects can be costly, and we will consider proposals with budgets of up to $1,200,000, including indirect costs, for three years if justified in the budget. (This grant mechanism is not intended to support large, randomized clinical trials of medications.) We strongly encourage PIs considering such studies to discuss their proposals and budgets with SFARI science staff before submission (please contact scienceRFA@simonsfoundation.org). Proposals with unusually high budgets are subject to heightened scrutiny. Please note that SSC and Simons VIP biospecimen costs are not included in the maximum budget.

Funding Details:
- Pilot Award: Up to $330,000 for up to 2 years.
- Research Award: Up to $975,000 for 3 years.

Additional Details
LOI deadline: December 1, 2017
Internal HRS Deadline: February 12, 2018
Sponsor Deadline (By invite only): February 26, 2018

Patient-Centered Outcomes Research Institute (PCORI) Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes – Cycle 3 2017
The Patient-Centered Outcomes Research Institute (PCORI) will be releasing a new funding announcement titled, “Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes.” The goal of this announcement is to fund pragmatic clinical trials, large simple trials, or large-scale observational studies that compare the relative effectiveness of two or more alternatives for improving patient-centered outcomes. While any study that addresses critical choices faced by patients, their caregivers, clinicians, and/or delivery systems will be considered, PCORI’s multi-stakeholder panels have identified 16 high-priority topics and research questions. PCORI will give first consideration to applications that directly address one or more of the 16 PCORI Priority Topics. Please note that for this cycle, PCORI has added a priority topic on Anxiety Disorders in Children, Adolescents, and/or Young Adults to the list. PCORI has funds available up to $90 million for studies in response to the current cycle of the PCS funding announcement, including any studies for the PCORI priority topics.
The mission of the Patient-Centered Outcomes Research Institute (PCORI) is to improve the quality and relevance of evidence available to help patients, caregivers, clinicians, employers, insurers, and policy makers make informed health decisions. We invite you to review this new funding announcement and share this information with others who may be interested. The funding announcement will be released on October 3, 2017.

**Funding Details:** Funds available up to $90 Million. $10 Million Total Direct Costs for up to 5 years.

**Additional Details**
**LOI Deadline:** October 31, 2017  
**Internal HRS Deadline:** January 23, 2018  
**Sponsor Deadline:** February 6, 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.

The Weston Brain Institute will be holding an online Program Information Webinar for this funding opportunity on Wednesday, October 25th at 1:00 pm EDT. This session is intended to provide you with comprehensive information on the application process and to provide an opportunity for open questions.  
**Register Here**

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

**Additional Details**
**LOI deadline:** December 7, 2017  
**Sponsor Deadline (By invite only):** March 2018

---

**Natural Sciences and Engineering Research Council of Canada (NSERC) Belmont Forum-BiodivERsA: 2017-2018 Joint Call: Scenarios of Biodiversity and Ecosystem Services**

NSERC is participating in the Belmont Forum and BiodivERsA joint call on the following theme: **Scenarios of biodiversity and ecosystem services.**

The call will address the two following major (non-exclusive) priorities:
- Development and application of scenarios of biodiversity and ecosystem services across spatial scales of relevance to multiple types of decisions;  
- Consideration of multiple dimensions of biodiversity and ecosystem services in biodiversity scenarios.

The call aims at supporting proposals that explicitly address a scenario dimension, taking into account the following definition of scenarios: **“Scenarios of biodiversity and ecosystem services are the outputs of the combination of scenarios of indirect drivers and direct drivers — such as land use change, invasive alien species, overexploitation, climate change or pollution — and models of impacts of these drivers on biodiversity and ecosystem services.”**

Twenty-five funding organizations from 23 countries are joining this call: Argentina, Austria, Belgium, Brazil (State of Sao Paulo only), Bulgaria, Canada, Estonia, Finland, France, Germany, Ireland, Ivory Coast, Lithuania, The Netherlands, Norway, Poland, Romania, Slovakia, Spain, Sweden, Switzerland, Turkey, United States of America. Scientific teams are invited to form international consortia comprising research groups from at least three countries participating in the call.

**Funding Details:** The approximate global budget for this call is more than 25 million euros ($37 million CDN). NSERC’s contribution will be up to $300,000 per year for 3 years, with a maximum of $75,000 per year per project.

**Additional Details**
**LOI to ROADS:** November 13, 2017  
**Mandatory Pre-Registration Deadline:** December 1, 2017
Cancer Research Institute: Technology Impact Award

The Cancer Research Institute Technology Impact Award provides seed funding to address the gap between technology development and clinical application of cancer immunotherapies. These grants aim to encourage collaboration between technology developers and clinical cancer immunologists and to generate the proof-of-principle of a novel platform technology in bioinformatics, ex vivo or in silico modeling systems, immunological or tumor profiling instrumentation, methods, reagents and assays, or other relevant technologies that can enable clinician scientists to generate deeper insights into the mechanisms of action of effective or ineffective cancer immunotherapies.

Award winners will be selected based on the novelty, creativity, technical sophistication, and transformative potential of the technology to impact cancer immunotherapy research around the world. The ultimate aim of this program is to advance technologies that can speed up the entire field’s efforts in addressing one of the most defining challenges of our time—developing immunotherapies that are effective for all cancer patients.

**Funding Details:** The Cancer Research Institute Technology Impact Award provides seed funding of up to $200,000 to be used over 12-24 months.

**Additional Details**

**LOI Deadline:** November 15, 2017
**Internal HRS Deadline:** March 1, 2018
**Sponsor Deadline:** March 9, 2018 (by invite only)

Brain Canada Foundation – Parkinson Canada Platform Grant

The Platform Grant is intended to support the development and maintenance of a large-scale Canadian Parkinson Network and Registry that is built on the foundation of the established and successful FRQS Quebec Parkinson Network, involving multiple provinces, in the field of Parkinson’s disease and related disorders, as well as its operating costs, for a period of three years. The platform will have to provide added value to the Canadian Parkinson research. Brain Canada and Parkinson Canada will not prescribe any approaches, but wish for the applicants to answer three questions:

- How can Canada become a leader in Parkinson’s research?
- What can be learned and implemented from models in other countries?
- How can nationwide collaborations in the field of Parkinson’s disease research be made more efficient?

**Funding Details:** The total amount available to support the platform grant is CDN $2,000,000.

**Additional Details**

**LOI Deadline:** November 13, 2017
**Internal HRS Deadline:** March 16, 2018
**Sponsor Deadline:** March 30, 2018 (by invite only)

MITACS Accelerate Internship Opportunities

Five United Ways across Canada have come together in a pilot partnership with Mitacs to provide funding and training for graduate students and postdocs for research related to social inclusion. Social Inclusion as an issue is of broad interest to United Way's across Canada and the United Way movement worldwide. Inclusion is a strategy to leverage diversity. Diversity always exists in social systems. Inclusion, on the other hand, must be created. In order to leverage diversity, an environment must be created where people feel supported, listened to and able to do their personal best. Social inclusion (sometimes referred to as a sense of belonging) is the act of making all groups of people within a society feel valued and important. It is the process of improving the terms on which individuals and groups take part in society—improving the ability, opportunity, and dignity of those disadvantaged on the basis of their identity.

**Funding Details:** Get a stipend/salary starting at $10,000 per four-month period.

**Additional Details**
**Weston Brain Institute Rapid Response: Canada 2018 Parkinson’s & Related Diseases – Round 1**

Seed funding for novel, high-risk, high-reward translational research to accelerate the development of safe and effective treatments for neurodegenerative diseases of aging. Principal applicants must be at or above the level of postdoctoral researcher at a CRA qualified institution located in Canada. Project must involve the development of a therapeutic, and/or a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.

**Program Information Session:** October 10, 2017 at 1pm EDT ([Register here](#))

**Funding Details:** Maximum $200,000 over up to 18 mos.

**Additional Details**

**Sponsor Deadline:** April 1, 2018

---

**MITACS Globalink Research Award – Special Opportunity**

The Mitacs Globalink Research Award supports international research collaboration. Special research funding is available for graduate students with uncertain status in their current location, to conduct research at a Canadian university.

**Funding Details:**

- $5,000 award from Mitacs to support student travel and accommodation expenses, research-related expenses, and student stipend
- 12-24 week project at a Canadian university Supervised by Canadian faculty
- Applications are accepted at any time and will be processed as received.

**Additional Details**

**Sponsor Deadline:** Ongoing

---

**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

**Additional Details**

**Sponsor Deadline:** Ongoing

---

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

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

**Funding Details:** SFARI will support applications for maximum of $70,000, including indirect costs, for one year, non-renewable.

**Additional Details**

**Sponsor Deadline:** Ongoing
Department of Defense Hearing Restoration Research Program (HRRP) Funding Opportunities for Fiscal Year 2017

2 Awards are now available.

- Translational Research Award – Supports preclinical translational research that will accelerate the movement of promising initiatives relevant to hearing restoration into clinical applications. In the first year of the program, applications submitted must focus on the development of reliable in vitro human models to evaluate hearing restoration therapies or research that translates biological regeneration initiatives into therapies that restore auditory function.

- Focused Research Award – Supports functional hearing restoration research that develops and validates assessment techniques and treatment methods using patient-centric outcomes to identify potential predictive indicators for successful treatment of functional auditory system deficits.

Funding Details:

- Translational Research Award – Maximum funding of $1,000,000 for direct and indirect costs for a maximum of 3 years
- Focused Research Award – Maximum funding of $750,000 for direct and indirect costs for a maximum of 3 years

Additional Details
LOI Deadline: October 25, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 1, 2017
Sponsor Deadline: November 15, 2017

Department of Defense Reconstructive Transplant Research Program (RTRP) Funding Opportunities for Fiscal Year 2017 - Concept Award

The RTRP Concept Award supports the exploration of a highly innovative new concept or untested theory relevant to reconstructive transplantation. Applications must address at least one of the FY17 RTRP Focus Areas:

- Immune system regulation as specifically applied to vascular composite allotransplantation (VCA)
- Psychosocial considerations and challenges associated with VCA
- Development of ex vivo VCA tissue preservation strategies to extend the time between procurement and transplantation, with a goal of 24 hours
- Development of pre-habilitation or rehabilitation strategies that improve reconstructive transplant functional outcomes
- Development of standardized quantitative functional outcome measures for VCA, especially for face transplant
- Graft clinical monitoring, acute and chronic, as applied to VCA

Funding Details: Maximum Funding of $200,000 for total costs for a maximum of 18 mos.

Additional Details
LOI Deadline: November 15, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 22, 2017
Sponsor Deadline: December 6, 2017

Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2017

Three new awards are available. Please refer to additional details link for more information from the DoD website. Please see below for detailed deadlines.

Funding Details:

- Era of Hope Scholar Award II – Maximum funding of $2.5M for direct and indirect costs for a maximum of 4 years.
- Breakthrough Award Levels 1 and 2 II:
  - Funding Level 1 - Maximum funding of $375,000 for direct and indirect costs for a maximum of 3 years
  - Funding Level 1 with Partnering PI Option – Maximum funding of $600,000 for direct and indirect costs for a maximum of 3 years.
  - Funding Level 2 – Maximum funding of $750,000 for direct and indirect costs for a maximum of 3 years.
  - Funding Level 2 with Partnering PI Option – Maximum funding of $1M for direct and indirect costs for a maximum of 3 years.
- Breakthrough Fellowship Award II – Maximum funding of $300,000 for direct and indirect costs for a maximum of 3 years.
Department of Defense Medical Simulation and Information Sciences Research Program (MSISRP)

**Funding Opportunities for Fiscal Year 2017**

This Opportunity seeks to support basic research that dramatically advances the state of the art in civilian and military trauma care at the first responder point of care, during prolonged field care of combat casualties, and extended enroute care that can potentially be mitigated by leveraging novel ideas and designs that are yet to be invented in soft robotic, semiautonomous and autonomous concepts and systems for hemorrhage control, resuscitation, vascular and surgical control of combat casualties, and transport for critical care patients in unmanned vehicles.

**Funding Details:** Maximum Funding of $1,300,000 for direct and indirect costs for a maximum of 2 years

Additional Details
LOI Deadline: **November 20, 2017** (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **January 22, 2018**
Sponsor Deadline: **February 5, 2018**