News & Events

**NEW**  
**CIHR Information Session and Fall 2017 Project Grant Update**  
*SAVE THE DATE*

Please join us for an information session covering updated information for CIHR’s 2017 Project and Foundation competitions. Dr. Lori Burrows, McMaster’s CIHR University Delegate, will be available to answer questions and provide insight about the changes to the programs. Dr. Jonathan Bramson, FHS Associate Dean of Research, will join Lisa Hodge and Ashley Preston (CIHR Senior Advisors) for a brief overview of changes at Health Research Services, followed by more detailed information about how the internal component of the competition will be run along with any additional information that might be helpful to applicants.

**Date:** Thursday, August 3, 2017  
**Time:** 2:00pm-4:30pm  
**Location:** MCMST MDCL 3020  
*Light snacks and refreshments will be provided*

Please register at [https://hrscihrinfosession.eventbrite.ca/](https://hrscihrinfosession.eventbrite.ca/) as spaces are limited.  
For more information, please email hsresadm@mcmaster.ca

**NSERC Committee Membership**

NSERC invites the Canadian research community (i.e., universities, scientific societies, governments and companies) to submit the names of individuals for possible service on its program-related standing committees and its various selection committees and panels. Nominees should be individuals who are known and respected for their capabilities, who know and understand Canadian university-based research, who display both breadth and depth of understanding and knowledge in their field and beyond, who exercise good judgement, and who are able to recognize value to Canada as a whole.

For more information, please click [HERE](https://).

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### Health Research Grant Competitions

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

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**CIHR – Team Grant: CEEHRC Phase II**

The overarching objective of the CEEHRC initiative is to enhance the translation of epigenetics research to health benefits. The goal of this funding opportunity is to support collaborative research teams that have the capability to transform epigenetics research, enhance our understanding of gene-environment interactions, address major health research questions (including health services/policy/economic/ethical, legal or social issues), and foster the application of knowledge gained to the clinic and/or to populations. This funding opportunity thus encourages the long-term translation of research in epigenetics to health benefit through transformational team-based approaches.

Specific objectives include but are not limited to:

- Improve our understanding of how the physical and social environment interacts with the genome to affect normal and abnormal human development across the life course, including the effects of early life on the brain and mental health (i.e., "social epigenomics");
- Enhance our understanding of the origins and mechanisms of disease, especially complex human disease, chronic disease and cancer;
- Provide new information regarding the basis of gene-environment interactions, and their implications across populations and generations;
- Explore inter- and trans-generational inheritance through biological sex-specific mechanisms; and
- Identify and validate new epigenetic biomarkers/signatures and potential therapeutic or diagnostic targets of relevance for human health and disease.
**Funding Details:** The total amount available for this funding opportunity is $7,500,000, enough to fund approximately 5 teams. This amount may increase if additional funding partners participate. The maximum amount per grant is $300,000 per year for up to 5 years for a total of $1,500,000 per grant.

**Additional Details**

**LOI Deadline:** August 15, 2017  
**Internal HRS Deadline:** January 23, 2018  
**Sponsor Deadline:** February 6, 2018

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**CIHR – Operating Grant: Impact Grant: CEEHRC Phase II**

This funding opportunity will support projects relevant, but not limited to, the following research areas:

- complex diseases and chronic conditions, including but not limited to cancer, mental health and how diet and nutrition can influence chronic disease,
- inflammation and host-microbiome interactions,
- health and wellness considerations for Indigenous Peoples
- implications for populations with vulnerabilities

**Funding Details:** The total amount available for this funding opportunity is $6,000,000, enough to fund approximately 10 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $200,000 per year for up to 3 years for a total of $600,000, per grant.

**Additional Details**

**LOI Deadline:** July 18, 2017  
**Internal HRS Deadline:** August 1, 2017  
**Sponsor Deadline:** August 15, 2017

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**CIHR - Catalyst Grant: Population Health Intervention Research on Legalization of Cannabis**

The Catalyst Grant: Population Health Intervention Research on the Legalization and Regulation of Non-Medical Cannabis in Canada is expected to:

- Support the prompt initiation of intervention research that will assess how the legalization and regulation of non-medical cannabis in Canada could directly or indirectly impact population health and health equity;
- Generate data and evidence to monitor and evaluate the potential benefits, harms, and unintended consequences of legalizing and regulating non-medical cannabis to population health and health equity; and
- Facilitate consideration and application of new evidence from population health intervention research to inform ongoing and future development of policies, practices, and programs involving cannabis.

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

**Of this $1,000,000:**

- $400,000 is available to fund applications relevant to developing data infrastructure.
- $100,000 is available to fund applications relevant to First Nations, Inuit, Métis, and/or Urban Indigenous populations.
- Once funds in each pool have been exhausted, all applications in the competition will be pooled together and funded in rank order as far as the remaining funds will allow.

**Additional Details**

**Internal HRS Deadline:** August 8, 2017  
**Sponsor Deadline:** August 22, 2017
CIHR - Team Grant: HIV Implementation Science – Component 2

The HIV Implementation Science – Component 2 is expected to:

- Scale up and/or implement interventions in HIV, HCV and STBBI’s through community informed enhancements or adaptations using an implementation science approach.

The specific objectives of the Component 2: Implementation grants are to:

- Establish multidisciplinary, multi-sectoral teams with a range of expertise relevant to:
  - involved communities/populations/settings;
  - HIV, Hep C (HCV) and other STBBI prevention interventions;
  - decision making/policy environments; and
  - disciplines relevant to implementation science.

- Scale up and/or implement effective interventions (biomedical, behavioural and/or structural) relevant to target populations in Canada and their context including the following dimensions:
  - geography (remote and/or rural and/or urban settings)
  - social/demographic mix of the community (gender, age, vulnerable populations including Indigenous Peoples, Official Language Minority Communities)

- Reduction of transmission of HIV/Hepatitis C/STBBI’s in local communities and in target populations in Canada.

- Build research capacity and mentoring in the prevention of HIV research.

Funding Details: The total amount available for this funding opportunity is $10,000,000, enough to fund approximately 5 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $400,000 per year for up to 5 years for a total of $2,000,000 per grant.

Of this $10,000,000:
$2,000,000 is available to fund an application that focuses exclusively on First Nations, Inuit, Métis and/or Urban Indigenous populations.

Additional Details
Internal HRS Deadline: August 8, 2017
Sponsor Deadline: August 22, 2017

CIHR – Foundation Scheme Competition 2017-18

The Foundation Scheme is designed to contribute to a sustainable foundation of new and established health research leaders, by providing long-term support for the pursuit of innovative and high-impact research programs. The Foundation Scheme is expected to:

- Support a broad base of health research leaders across all career stages, areas, and health-related disciplines with a demonstrable track record of excellence and impact in their field of study.
- Develop and maintain Canadian capacity in health research and other related fields.
- Provide research leaders with the flexibility to pursue novel and innovative lines of inquiry.
- Contribute to the creation and application of health-related knowledge through a wide range of research and/or knowledge translation activities, including relevant collaborations.

Specific criteria:

- Mid Career/Senior Investigators will be awarded 7-year grants. New/Early Career Investigators will be awarded 5-year grants.
- There are no budget minimums or maximums; # grants funded will be based on peer review recommendations and requested budgets
- For existing CIHR grantees, the budget request should be consistent with the applicant’s previous CIHR Open Funding history as a Nominated Principal Investigator. CIHR will provide a calculated baseline budget to all Stage 2 applicants. Stage 2 applicants must provide robust justification for requests that are significantly higher than their historical grant levels.
- A minimum of 15% of funded grants will be allocated to New/Early Career Investigators.

This is a TWO stage competition with a mandatory Registration. Adjudication will determine candidates who move to Stage 2.
Also, this is an e-approval competition with SET INTERNAL deadlines at each STAGE on Research NET (RNet).

**Additional Details**

**Registration deadline:** August 8, 2017  
**HRS INTERNAL Stage 1 deadline:** September 6, 2017 at 4:00 pm *(choose Institution Paid McMASTER on ResearchNet in App Details)*  
**Final Stage 1 CIHR deadline:** September 12, 2017

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**CIHR – Project Grant Fall 2017 Competition**

The Project Grant program is designed to capture ideas with the greatest potential to advance health-related knowledge, health research, health care, health systems, and/or health outcomes. It supports projects with a specific purpose and a defined endpoint. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

The Project Grant program is expected to:

- Support a diverse portfolio of health-related research and knowledge translation projects at any stage, from discovery to application, including commercialization;
- Contribute to the creation and use of health-related knowledge;
- Promote relevant collaborations across disciplines, professions, and sectors.

The Scientific Directors have agreed that they must return to face-to-face grants panels for the evaluation of the project grants for this fall competition. [Read the complete message](#).

**Funding Details:** The combined total amount available for CIHR’s 2017-18 Investigator Initiated Research Programs (which will include the Project Grant: Spring 2017, Project Grant: Fall 2017, and Foundation Grant: 2017-18 competitions) is approximately $575M.

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**CIHR – Fellowship: Banting Postdoctoral Fellowships Program (2017-2018)**

The Banting Postdoctoral Fellowships program provides funding to the very best postdoctoral applicants, both nationally and internationally, who will positively contribute to the country's economic, social and research-based growth.

The objective of the Banting Postdoctoral Fellowships program is to:

- attract and retain top-tier postdoctoral talent, both nationally and internationally
- develop their leadership potential
- position them for success as research leaders of tomorrow

**Funding Details:** $70,000 per year for 2 years (non-renewable)

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**CIHR – Doctoral Research Award: 2017-2018**

The specific objectives of this funding opportunity are:

- To provide recognition and funding to students early in their academic research career, providing them with an opportunity to gain research experience;
- To provide a reliable supply of highly skilled and qualified researchers.
Funding Details: For this competition, applications will be accepted in all areas of health research, including biomedical, clinical, health services and social, cultural, environmental and population health.

- It is anticipated that approximately $14 million over three years will be available for the CGS-D competition, enough to fund approximately 133 awards.
- It is anticipated that approximately $1.05 million over three years will be available for the DFSA competition, enough to fund approximately 10 awards.
- Trainee stipend: $30,000 per annum.
- Research allowance: $5,000 per annum

Additional Details
Contact Antonella Masciantonio in Graduate Studies to Apply
Sponsor Deadline: October 3, 2017

CIHR – Doctoral Research Award: Fall 2017 Priority Announcement (Specific Research Areas)
Priority Announcements on Doctoral Research Award competitions offer additional sources of funding for highly rated applications that are relevant to specific CIHR research priority areas or mandates. Applications are submitted through the "201710MDR" competition of the Doctoral Research Award: 2017-2018 funding opportunity.

Doctoral Research Awards are intended to provide special recognition and support to students who are pursuing a PhD degree in a health-related field in Canada or abroad. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

Funding Details: The maximum amount awarded for a single award is $35,000 per annum for up to three (3) years.

Additional Details
Contact Antonella Masciantonio in Graduate Studies to Apply
Sponsor Deadline: October 3, 2017

CIHR – Operating Grant: HIV/AIDS Community-Based Research (2017-2018)
The Operating Grant: HIV/AIDS Community-Based Research is expected to:

- Promote the creation of new knowledge that addresses gaps in the care cascade and reduces the incidence of new infections in high risk groups by focusing research on prevention efforts relevant to communities affected by HIV in Canada and aligns with the goals of the Federal Initiative;
- Promote the dissemination of new knowledge and uptake of evidence into action to enhance the community response to the HIV/AIDS epidemic;
- Develop partnerships between researchers and affected communities;
- Build capacity in the knowledge user community to engage in research and use evidence in their everyday business;
- Build the next generation of HIV/AIDS CBR researchers through meaningful engagement of trainees in high quality CBR projects.

Funding Details: The total amount available for this funding opportunity is $2,700,000, enough to fund approximately six grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $150,000 per year for up to three years for a total of $450,000, per grant. Of this $2,700,000:

- $1,800,000 is available to fund four applications relevant to the General Stream.
- $900,000 is available to fund two applications relevant to the Indigenous Stream

Additional Details
Internal HRS Deadline: September 19, 2017
Sponsor Deadline: October 3, 2017
**CIHR – Catalyst Grant: Global Governance AMR & Related Infectious Disease Threats**

The Catalyst Grant: Global Governance of Antimicrobial Resistance and Related Infectious Disease Threats is expected to support mapping, collaboration, team-building, piloting, and mobilization work.

Specifically, the objectives are to:

- Advance capacity-building efforts through the identification of existing research expertise in global governance arrangements, structures, and institutions in the areas of AMR and related infectious disease threats, and identify any gaps that may exist;
- Encourage collective action by identifying the similarities, differences, and common issues among global governance arrangements related to AMR and those related to other types of infectious disease threats;
- Initiate the mobilization of interdisciplinary Canadian health and social scientists, as well as knowledge users in the area of global governance to support the eventual creation of a dynamic, coherent, and strong Canadian centre/network that can position itself to conduct international, intersectoral, and interdisciplinary research and to participate in broader international collaborations; and
- Facilitate interdisciplinary national and/or international collaborations, resource alignment and sharing, capacity-building, and knowledge sharing among researchers and knowledge users, working on global governance and tackling AMR and related infectious disease threats.

**Funding Details:**
- Maximum $100,000 per year for up to one year.

**Additional Details**

**Internal HRS Deadline:** October 3, 2017

**Sponsor Deadline:** October 17, 2017

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**CIHR – Operating Grant: SPOR & JDRF – ICT Multi-Year Grant**

The objectives of this funding opportunity are to:

- Enable new and established investigators to undertake innovative clinical trials in the area of type 1 diabetes (T1D);
- Support the development and testing of innovative paradigms for clinical studies in adult and pediatric T1D; and
- Build capacity for iCT research through training and mentoring.

**Funding Details:**
- The total amount available for this funding opportunity is $12,000,000, enough to fund approximately four grants. The maximum amount per grant is $750,000 per year for up to four years for a total of $3,000,000 per grant. CIHR and JDRF will co-fund each grant at a ratio of 1:1.

**Additional Details**

**LOI deadline:** August 8, 2017

**Internal HRS Deadline:** October 31, 2017

**Sponsor Deadline:** November 14, 2017

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**CIHR – Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant (2017)**

The specific objectives of this funding opportunity are to:

- Enable new and established investigators to undertake innovative clinical trials in using new or existing methods;
- Support the development and testing of innovative methods;
- Build capacity for iCT research through training and mentoring.

**Funding Details:**
- The total of this funding opportunity is $9,000,000, enough to fund approximately six (6) grants. The maximum amount per grant is $375,000 per year for up to four years for a total of $1,500,000. Funding is based on a 1:1 matching formula with non-federal government partners to ensure relevance and applicability.

**Additional Details**

**LOI deadline:** September 12, 2017

**Internal HRS Deadline:** January 2, 2018

**Sponsor Deadline:** January 16, 2018
Social Sciences and Humanities Research Council (SSHRC): Connection Grants
Applications submitted to SSHRC that would be more appropriately evaluated by NSERC or CIHR will not be accepted. In such cases, applicants may be required to submit a new application to the appropriate agency. Applicants working in research areas where boundaries overlap are advised to state clearly in all applications for funding why they believe their proposals are primarily appropriate for support by the agency to which they are submitting their application. Such applicants should contact the research services office at their institution for guidance. In addition, they should seek the advice of the appropriate program officer in charge of the program to which they are considering applying.

Additional Details
Internal HRS Deadline: July 18, 2017
Sponsor Deadline: August 1, 2017

Grand Challenges Canada: Stars in Reproductive, Maternal, Newborn and Child Health
Through the Stars in Reproductive, Maternal, Newborn and Child Health Request for Proposals, Grand Challenges Canada seeks bold ideas for products, services and implementation models that could transform how persistent challenges in reproductive, maternal, newborn and child health are addressed in low- and middle-income countries. Of particular interest to Grand Challenges Canada are innovations to improve reproductive, maternal, newborn and child health in humanitarian contexts, notably among internally displaced and refugee populations, as well as innovations that improve the sexual and reproductive health and rights of women and girls, so that they are empowered and have greater influence over their lives and futures.

Funding Details: up to CAD $100,000 for up to 12-18 months

Additional Details:
Internal HRS Deadline: July 20, 2017
Sponsor Deadline: August 3, 2017 (3:00 p.m. ET)

Ontario Brain Institute (OBI): Event Funding Program
The Ontario Brain Institute (OBI) is committed to working together with external organizations to support initiatives that are compatible with the vision, goals and objectives of OBI. Funding for successful applicants will be provided in two tranches (first tranche 70% of total, second tranche 30% of total) and the Event Follow-Up Form must be signed and submitted prior to the second tranche. Applications will be reviewed in January, May, and September. (Please note: applicant must be a non-profit corporation such as a university, research hospital, or patient advocacy group. It cannot be an individual, a program, or a university department.)

Funding Details: Maximum Value of $5,000

Additional Details
Internal HRS Deadline: August 1, 2017
Sponsor Deadline: August 15, 2017

Alex’s Lemonade Stand Foundation – Discovery Grant
Alex’s Lemonade Stand Foundation Nursing Grant Program is designed to encourage nursing research at various levels of practice. The Discovery Grant category aims to support independent and experienced nurse researchers and must include plans to disseminate and share findings to improve nursing care for children with cancer.

Funding Details: This grant totals $100,000 over 2 years.

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

The competition is open to research teams from public research organizations or researchers at universities or hospitals. Applications can be from individuals, a single team or several teams in collaboration. Proposals must be neither previously published nor subject to patent disclosures.

**Funding Details:** $30,000 for up to 2 years

**Additional Details**

**Internal HRS Deadline:** August 17, 2017

**Sponsor Deadline:** August 31, 2017

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**The John Templeton Foundation: Small and Large Grant Program**

The objective of the *Small and Large Grant Program* is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the *Big Questions* (Review *Our Vision*). The Core Funding Areas include:

a) Science & The Big Questions;
b) Exceptional Cognitive Talent & Genius;
c) Genetics;
d) Voluntary Family Planning;
e) Character Virtue Development;
f) Individual Freedom & Free Markets.

**Internal HRS Deadline:** August 17, 2017

**Online Funding Inquiry Deadline:** August 31, 2017

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**Healthy Minds Canada/Pfizer Canada Workplace Depression Research Awards**

Healthy Minds Canada and Pfizer Canada are strongly committed to improving the health and quality of life of Canadians living with mental illness. The Healthy Minds Canada/Pfizer Canada Workplace Depression Awards are designed to help advance clinical research and patient care in psychiatry by supporting Canadian investigators. All submitted proposals will be evaluated by an external independent review committee comprised of Canadian medical research experts.

There are two awards valued at $25,000 each in the following areas of interest:

- Research assessing the impact of rapid and early optimization of treatment in depression:
  - On depression and level of functional improvement in workplace productivity, presenteeism and absenteeism
  - To minimize depression relapse in the workplace
  - To minimize the incidence of/mitigate the risks for depression in the workplace (e.g. quality improvement research).

- Research assessing the impact of psychiatric drug substitution on medication effectiveness and functional recovery in depression with respect to:
  - Efficacy, tolerability and adherence to medication following brand-to-generic switches
  - Efficacy, tolerability and adherence to medication following generic-to-generic switches
  - Understand patient, pharmacist and physician awareness of the potential impact of switches (brand-to-generic or generic-to-generic medications)

**Additional Details**

**Internal HRS Deadline:** August 18, 2017

**Sponsor Deadline:** September 1, 2017
Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2017-18 OMAFRA Food Safety Research Program

The Food Safety Research Program is an open, competitive research fund which enhances food safety in Ontario through innovative research. The program addresses the Ministry's Emergency Management Research Theme which seeks to lessen the frequency and impact of agri-food emergencies. The Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) strives to fund demand-driven research that has ready receptors in policy, programs or the marketplace. Since 2001, the program has allocated over $10 million to 114 projects at different institutions, resulting in:

- new or enhanced technologies that support the agri-food industry and government regulatory and laboratory programs
- new information about emerging food hazards and contaminants
- new strategies to reduce, eliminate or otherwise manage food safety risks

**Funding Details:** $150,000 Canadian (includes a maximum of 25% indirect costs)

**Project duration:** Up to three years in length

**Pre-submission Consultation**

**Date:** Tuesday, July 18th, 2017

**Time:** 1:30-3:00pm

**Location:** Conference Room 1, 1 Stone Road West, Guelph This consultation will provide an overview of the research program and the RMS on-line application system. There will also be time for questions. You can attend the consultation in person or by webinar. To register, please contact Krista Kapitan, krista.kapitan@ontario.ca.

**Additional Details**

**Pre-Submission Consultation:** July 18, 2017

**LOI Deadline:** August 21, 2017

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

Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. 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:** $7,000 to $25,000 over one year

**Additional Details**

**Notify ROADS of Intent to Apply:** July 15, 2017

**Draft Application due to ROADS:** August 21, 2017

**Final Application due to ROADS:** September 5, 2017

Natural Science and Engineering research Council of Canada (NSERC) PromoScience Program

NSERC's PromoScience Program offers financial support for organizations working with young Canadians to promote an understanding of science and engineering (including mathematics and technology). Organizations may request funds for up to three years at a time.

**Funding Details:** NSERC's contribution is generally up to one-third of a program’s funding. In past competitions, the average grant ranged from $15,000 to $25,000 per year. Organizations may request funds for up to three years at a time.

**Additional Details**

**Notify ROADS of Intent to Apply:** July 24, 2017

**Draft Application due to ROADS:** August 21, 2017

**Final Application due to ROADS:** September 11, 2017
American Urological Association Research Scholar Awards
The Research Scholar Program is the flagship research program of the Urology Care Foundation. It began in 1975 to provide mentored research training awards to early-career investigators, enabling them to ignite their careers and advance urologic research. To date, the program has invested over $25 million to support over 600 Research Scholars, many of whom are now world-renowned leaders in urologic research. We invite MD (or equivalent degree) and PhD (or equivalent degree) applicants to apply for funding to support their training in urologic research.

**Funding Details:** $40,000 per year for one-year and two-year mentored training

**Additional Details**
**LOI Deadline:** August 16, 2017
**Internal HRS Deadline:** August 30, 2017
**Sponsor Deadline:** September 13, 2017

Alex’s Lemonade Stand Foundation – Nurse Researcher Fellowship
The Nurse Researcher Fellowship grant aims to support early career nurse researchers who will be guided in their projects by a mentor and their institution. The fellowship’s goal is to train Ph.D. and Master’s level nurse researchers to initiate and lead a multi-site research project. With support from an experienced nurse research mentor identified by ALSF, fellowship recipients will develop a team within their own institutions as well as partnerships at other institutions to implement their proposed research study. A formal curriculum focuses on developing multi-site investigator skills as part of the Fellowship. This grant totals **$100,000 over 2 years.** Successful completion of the Fellowship should position investigators to apply for the ALSF Nursing Discovery grant or NIH research grants.

**Additional Details**
**Internal HRS Deadline:** September 1, 2017
**Sponsor Deadline:** September 25, 2017 at 11:59PM (Eastern Time)

The Terry Fox New Frontiers Program Project Grants (2018)
The purpose of the program is to stimulate new breakthroughs through group interactions based on the premise that high impact work in complex areas of cancer research requires collaboration. The Terry Fox New Frontiers Program Project Grant (PPG) is designed for researchers with complementary skills, who investigate different aspects of a given cancer relevant topic, the results of which will be realized more rapidly and efficiently than if the individual projects were to be funded as a series of independent operating grants. This long-standing funding opportunity has supported many of the best cancer research groups in Canada.

**Funding Details:** Support is offered, commencing on July 1, 2018, for
- New Applications of up to $750,000 per annum for a maximum of three years, and
- Renewing Applications of up to $1,500,000 per annum for a maximum of five years.

**Additional Details**
**LOI Deadline:** August 8, 2017
**Internal HRS Deadline:** September 15, 2017
**Sponsor Deadline:** September 29, 2017
Escher Fund for Autism, Germline-Borne Etiology of Autism and Dysregulated Neurodevelopment: The Question of Early Gamete Exposure to General Anesthesia

The Escher Fund for Autism is devoted to piloting novel research into the germline-based etiology of autism spectrum disorders and related pathologies of early neurodevelopment. We are pleased to announce a new grant opportunity. The Fund understands autism as a highly heritable condition (among siblings), with surprising rates of de novo and heterogenous mutations, inviting the question of how germline disruptions may have been induced within parental gametes. As DNA represents only one piece of molecularly controlled heritability—our work takes a "whole gamete" view of potential autism causation, including past exposures that may have upset regulatory, epigenomic, and cytoplasmic elements.

Additional Details
LOI Deadline: July 31, 2017

Natural Sciences and Engineering Research Council of Canada (NSERC) 2018 Discovery Grants Program Competition

The Discovery Grants Program assists in:
- promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- fostering research excellence; and
- providing a stimulating environment for research training.

Additional Details
LOI Deadline: August 1, 2017

Ontario’s Solutions 2030 Challenge

Ontario’s Solutions 2030 Challenge is an international competition designed to accelerate the commercialization of technologies that can significantly reduce greenhouse gas (GHG) emissions in Ontario by 2030. The Challenge will support the development of next-generation technologies that can reduce GHG emissions in an industry sector(s) that has, or collectively have, in Ontario a GHG footprint greater than 500,000 t CO2eq per year. To realize this objective, the Challenge will provide research teams with funding for prototype development and technology demonstration, while also connecting them with potential future customers in Ontario.

**If you are interested in applying, please contact your Business Development Manager in the McMaster Industry Liaison Office or Amber Metham before August 1, 2017.

Additional Details
LOI Deadline (MILO): August 1, 2017
Internal MILO Deadline: September 8, 2017
Sponsor Deadline: September 22, 2017

Cystic Fibrosis Canada: Research Programs and Research Awards

Cystic Fibrosis Canada has announced the following:

1) Research Programs: Basic Science Research Grants and Clinical Research Grants
   - Basic Science, the objective: to support innovative, basic science research projects that improve our understanding of CF and/or have a significant impact on the concepts, methods, treatments and/or technologies applicable to CF.
   - Clinical, the objective: to support clinical research projects that improve the health and/or quality of life of CF patients and/or bridge the gap between research and clinical care. (review Application form for accessing Canadian CF Registry Data at [http://www.cysticfibrosis.ca/our-programs/cf-registry/requesting-canadian-cf-registry-data](http://www.cysticfibrosis.ca/our-programs/cf-registry/requesting-canadian-cf-registry-data))

2) Early Career Investigator Awards, the objective: to provide early career investigators an opportunity to develop outstanding CF research programs and build a team, through operating grant support, without having to compete against established investigators. An early career investigator is defined as an independent researcher who has held his/her first full
Funding Details:
- **Basic Science**: The amount of a grant will be approved by the Board of Directors, with recommendations from the scientific review panel and Research Advisory Council, following a detailed review of the applicant’s proposed budget. (maximum 3 years, renewable 1-3 years)
- **Clinical**: same as above (maximum 3 years, renewable 1-3 years)
- **Early Career Investigator**: (same as above) (duration: 1 or 2 years)
- **Travel allowance for all the above**: $1,565 per year

Additional Details
Internal HRS Deadline: September 18, 2017
Sponsor Deadline: October 2, 2017

**Natural Sciences and Engineering Research Council of Canada (NSERC) Research Tools and Instruments (RTI) Program**
The objective of the Research Tools and Instruments (RTI) program is to foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment.

**Updates to the 2018 RTI competition:**
- NSERC has eliminated quotas to allow all eligible Canadian university researchers to apply. This eliminates the need for an internal selection process. However, ROADS will establish an internal peer review process to allow McMaster researchers the opportunity to receive valuable feedback on their draft proposals from colleagues who have developed successful RTI application in the past. Draft applications submitted by September 18th will receive peer review.
- Researchers will be able to participate on one application per competition, either as an applicant or a co-applicant, but not both.
- NSERC will make significant changes to the application form; the updated instructions will be available on NSERC’s website in August.

**Funding Details**: RTI grants are one-year awards of up to $150,000

Additional Details
Notify ROADS of Intent to Apply: August 21, 2017
Draft Application due to ROADS: September 18, 2017
Final Application due to ROADS: October 18, 2017

**Physicians’ Services Inc. Foundation Funding Opportunity: Graham Farquharson Knowledge Translation Fellowship 2018**
This Fellowship is intended to provide salary support for a new Ontario investigator, who has demonstrated the ability to successfully complete high impact knowledge translation research. The Fellowship’s funds, dedicated to salary support, must protect at least 50% of the Fellow’s time to conduct such research.

**Funding Details**: $150,000 per year for two (2) years OR $100,000 per year for three (3) years.

Additional Details
LOI Deadline: September 15, 2017
Internal HRS Deadline: November 1, 2017
Sponsor Deadline: November 6, 2017
For more information please contact Catherine Gill Pottruff x22057
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))

Review Distinguished Visiting Research Fellow Program at SUNY Plattsburgh and Scholar-in-Residence Program at [http://www.fulbright.ca/programs/canadian-scholars.html](http://www.fulbright.ca/programs/canadian-scholars.html)

**Funding Details:**
- **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

**Internal HRS Deadline: November 1, 2017**  
**Sponsor Deadline: November 15, 2017**

**Spencer Foundation: Lyle Spencer Research Awards, Advancing Understanding of Education Practice and Its Improvement**
The objective of the Lyle Spencer Research Award is to support intellectually ambitious, large-scale education research projects across a variety of disciplines and fields. Spencer intends through this endeavor to press colleagues in the research community to raise their level of intellectual ambition, to encourage work that is more 1) thoughtful, 2) critical of prevailing assumptions, 3) self-critical regarding his/her work and its limitations, 4) relevant to the aim of building knowledge for improved educational practice.

**Funding Details**: Lyle Spencer Research Award budgets are limited to $1,000,000, including indirect costs

**Additional Details**  
**LOI deadline**: October 12, 2017  
**Sponsor Deadline (By invite only)**: February 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.

**Award overview:**
- $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.

**Additional Details**
**Sponsor Deadline:** Ongoing

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

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

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

**Additional Details**
**Sponsor Deadline:** Ongoing

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**Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2017**

The NFRP encourages applications that specifically address the critical needs of the NF community in one or more of the FY17 Areas of Emphasis. Not all Areas of Emphasis are applicable to each award mechanism offered by the FY17 NFRP. If the proposed research project does not address one of the FY17 Areas of Emphasis, justification that the proposed research project addresses an important problem related to NF research and/or patient care should be provided.

**Health services research**
- Evidence-based clinical care pathways
- Innovative healthcare delivery systems
- Utilization of technology and informatics

**Heterogeneity of neurofibromas and other NF-related tumors**
- Nontumor manifestations
  - Sleep, pain, hypotonia, communication, etc., including quality of life measures, self-reported and otherwise

**Novel disease and treatment response markers using genomics, epigenetics, systems biology, metabolomics, or similar approaches**
- Transition from benign to malignant

**Nutritional, environmental, and other modifiers of NF**
- Post-adolescent manifestations
- Preclinical efficacy studies

**Target identification, drug discovery, targeted and immunotherapies, Other**

**Funding Details:** 4 awards available
- **Clinical Trial Award** – Maximum funding of $900,000 for up to 4 years
- **Exploration – Hypothesis Development Award** – Maximum funding of $100,000 for up to 2 years
- **Investigator-Initiated Research Award** – Maximum funding of $575,000 for up to 3 years
- **New Investigator Award** – Maximum funding of $450,000 for up to 3 years

**Additional Details**
**LOI Deadline:** July 26, 2017 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** August 2, 2017
**Sponsor Deadline:** August 9, 2017
Department of Defense Military Burn Research Program Anticipated Funding Opportunities for Fiscal Year 2017

Applications to the FY17 MBRP are being solicited by the U.S. Army Medical Research Acquisition Activity. The managing agent for the anticipated Program Announcements/Funding Opportunities is the Congressionally Directed Medical Research Programs (CDMRP). FY17 MBRP Program Announcements and General Application Instructions for the following award mechanisms are posted on Grants.gov. To be considered for funding, each application for the FY17 MBRP Clinical Trial Award must address the following Topic Area: Clinical studies that involve the prevention, treatment, and mitigation of debilitating burn scars (e.g., dressing topics, biologics, cell-based therapies, mechanical, photonics, etc.) to improve functional outcomes and/or assess clinical efficacy and safety of different treatment modalities.

Funding Details: $1.75M Maximum total costs (direct and indirect) for up to 4 years

Additional Details
LOI Deadline: August 3, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 5, 2017
Sponsor Deadline: October 19, 2017

Department of Defense Spinal Cord Injury (SCI) Research Program Funding Opportunities for the Fiscal Year 2017

Five awards are available. Please refer to additional details link for more information from the DoD website.

Funding Details:
- Clinical Research Development Award – Maximum funding of $100,000 for up to 1 year
- Clinical Trial Award – Maximum funding of $2,000,000 for up to 4 years
- Investigator-Initiated Research Award – Maximum funding of $500,000 for up to 3 years
- Qualitative Research Award – Maximum funding of $500,000 for up to 3 years
- Translational Research Award – Maximum funding of $1,500,00 for up to 3 years

Additional Details
LOI Deadline: August 8, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: November 15, 2017
Sponsor Deadline: November 29, 2017

Department of Defense Parkinson’s Research Program (PRP) Funding Opportunities for Fiscal Year 2017

The PRP seeks to focus applications and direct funding by providing Focus Areas to address the critical needs in Parkinson’s disease research. Applications to the FY17 PRP must address at least one of the Focus Areas noted below:
- Mechanisms of neuroplasticity in the Parkinson’s disease brain
- Studies to identify gene-environment interactions in Parkinson’s disease cohorts
- Pathophysiological implications of tau protein in Parkinson’s disease

Funding Details: $321,000 Maximum allowable total costs (direct and indirect) for up to 2 years

Additional Details
LOI Deadline: August 17, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: August 24, 2017
Sponsor Deadline: August 31, 2017
Department of Defense Alcohol and Substance Abuse Disorders Research Program (ASADRP)

Funding Opportunities for Fiscal Year 2017 – Consortium Award

The ASADRP is seeking applications to explore integrated approaches to address alcohol and substance use disorder (ASUD) especially related to traumatic brain injury (TBI) and post-traumatic stress disorder (PTSD) through multidisciplinary, team-based research efforts that translate basic knowledge into enhanced clinical pharmacological treatments protocols.

- The program’s approach is to organize multidisciplinary, team-based translational research efforts to:
  - Identify promising compounds;
  - Conduct proof-of-principle basic research to determine which compounds are most appropriate for human research trials;
  - Conduct human proof-of-concept trials with promising compounds. This approach should accelerate the translation of contemporary basic science knowledge into enhanced clinical pharmacological treatment protocols for ASUD, including a regulatory strategy for U.S. Food and Drug Administration (FDA) compliance.

**Funding Details:** $10.596M Maximum allowable total costs (direct and indirect)

**Additional Details**

**LOI Deadline:** September 13, 2017 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** September 20, 2017

**Sponsor Deadline:** September 27, 2017