In this Issue:

- **Tri-Agency Fund Competition, Social Sciences and Humanities Research Council (SSHRC): New Frontiers in Research Fund – Exploration – Notify ROADS of intent to apply by December 14, 2018; SSHRC Notice of Intent to Apply deadline January 11, 2019; SSHRC Application deadline February 7, 2019**

- **Social Sciences and Humanities Research Council (SSHRC): Insight Development Grants – Webinars December 18, 2018**

- **Canadian Hemophilia Society: Grants – Letter of Intent deadline January 16, 2019; Application deadline February 8, 2019**

- **Ontario Trillium Foundation: Seed Grants – Registration deadline January 16, 2019; Application deadline February 6, 2019**

- **MaRS Discovery District: The Opioid Data Challenge – Application deadline January 23, 2019**

- **Spina Bifida and Hydrocephalus Association of Canada: Research Grant – Application deadline January 31, 2019**


- **Burroughs Wellcome Fund: Collaborative Research Travel Grants – Application deadline February 1, 2019**

- **Canadian Institute for Advanced Research (CIFAR): CIFAR Azrieli Global Scholars - Application deadline February 5, 2019**

- **Burroughs Wellcome Fund: Innovation in Regulatory Science – Application deadline February 6, 2019**

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

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

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

• World Wood Day Foundation: Research Grant – Application deadline February 11, 2019

• Orthopaedic Trauma Association (OTA): Research Grants – Application deadline February 11, 2019

• Grand Challenges Canada: OPTions Innovation Initiative – Application deadline February 12, 2019

• Fields Institute for Research in Mathematical Sciences: Proposals for Outreach Activities – Application deadlines February 15, 2019; June 15, 2019; October 15, 2019

• Global Water Futures (GWF): GWF Affiliate Project – Project Description, no deadline

• Le Secrétariat du Québec aux relations canadiennes (SORC): Research Support Program on Intergovernmental Affairs and Québec Identity (PSRAIQ) – no Project deadline

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Insight Development Grants – Notify ROADS of intent to apply as soon as possible; SSHRC Application deadline February 4, 2019

• Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1 – Notify ROADS of Intent to Apply by December 7, 2018; SSHRC Letter of Intent deadline February 15, 2019

• Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Notify ROADS of Intent to Apply by December 14, 2018; SSHRC Application deadline February 1, 2019

• Trans-Atlantic Platform Social Sciences and Humanities, Social Sciences and Humanities Research Council: T-AP Social Innovation, Call for Proposals – Notify ROADS of Intent to Apply by December 14, 2018; Netherlands Organisation for Scientific Research/SSHRC Application deadline February 14, 2019

• Michael G. DeGroote Institute for Pain Research and Care: Grants – Application deadline January 2, 2019

• McMaster University, McMaster Institute for Research on Aging: Funding Opportunities – rolling and Application deadline January 2, 2019


• AGE-WELL Network, Core Research Program (CRP) 2020-2025: Request for Proposals – Application deadline January 4, 2019
• National Multiple Sclerosis Society: Grants – Pre-application deadlines January 7, 2019 and February 6, 2019

• Canadian Frailty Network: Webinars – January 9, 23, February 6, 2019

• Government of Canada, Great Lakes Protection Initiative: Funding for Restoring Great Lakes Areas of Concern – Application deadline January 11, 2019

• Simons Foundation Autism Research Initiative (SFARI): SFARI 2019 Research Award – Application deadline January 11, 2019

• Hamilton Community Foundation: Community Health, Education & Research Fund – Application deadline January 12, 2019

• Louisville Institute: Grants – Application deadline January 15, 2019

• Canadian Cancer Society: Grants – Application deadline January 15, 2019

• Government of Canada, Transport Canada, National Trade Corridors Fund: Northern Call – Expression of Interest deadline January 15, 2019; Project Proposal deadline March 29, 2019

• Canadian Blood Services: Blood Efficiency Accelerator Award Program – Application deadline January 15, 2019

• Crohn’s and Colitis Canada: Innovations in IBD Research – Application deadline January 18, 2019

• Academy of Motion Picture Arts and Sciences: Academy Film Scholars – Application deadline January 31, 2019

• Alpine Club of Canada (ACC), ACC Financial Grants: ACC Environment Grant – Application deadline January 31, 2019

• The Lung Association – Ontario and Ontario Respiratory Care Society (ORCS): ORCS Research Grant – Application deadline February 1, 2019

• The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training (KRESCENT) Program: New Investigator Award – Application deadline February 1, 2019

• Leukemia Research Foundation, Hollis Brownstein Research Grants Program: New Investigator Grants – Letter of Intent deadline February 1, 2019

• Parkinson Canada: Grants – Application deadline February 4, 2019

• Wabash Center: Project Grants – Application deadline: Small – Rolling, Large: February 15, 2019

• Department of Defense, Congressionally Directed Medical Research Programs: FY19 Amyotrophic Lateral Sclerosis Research Program (ALSRP) – Pre-application deadline March 22, 2019
• ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding – Notify ROADS of Intent to Apply as soon as possible

• Weston Brain Institute, Big Ideas: Canada – Letter of Intent accepted on a rolling basis

• Weston Brain Institute, Early Phase Clinical Trials: Canada – Letter of Intent is accepted on a rolling basis

• Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis

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

• MIRA AND LCMA Matching Funds for Research Opportunities – Rolling

• Canada Foundation for Innovation (CFI): Research Facilities Navigator – online profile, no deadline

• Partnership For Clean Competition: Micro-Grants – no application deadline

• CIHR, NSERC, SSHRC and the Canada Foundation for Innovation, Invitation for Feedback: Prioritizing Future Challenges for Canada – no deadline

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

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

• Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership

In this Issue:

Tri-Agency Fund Competition, Social Sciences and Humanities Research Council (SSHRC): New Frontiers in Research Fund – Exploration


The New Frontiers in Research Fund program will invest $275 million over the next five years, and $65 million ongoing, to support international, interdisciplinary, fast-breaking and high-risk research. It is comprised of three streams to support groundbreaking research:
Exploration will generate opportunities for Canada to build strength in high-risk, high-reward and interdisciplinary research;
Transformation will provide large-scale support for Canada to build strength and leadership in interdisciplinary and transformative research; and
International will enhance opportunities for Canadian researchers to participate in research with international partners.

The objective of this inaugural competition (Exploration stream) is to generate opportunities for early career researchers (ECRs) to conduct high-risk, high-reward and interdisciplinary research not available through funding opportunities currently offered by the three agencies.

It seeks to inspire highly innovative projects that defy current research paradigms, propose a unique scientific direction, bring disciplines together beyond the traditional disciplinary approaches, and/or use different perspectives to solve existing problems.

Eligibility:
For this competition, early career researchers are defined as individuals who have five years or less experience since their first academic appointment as of the NOI deadline (January 11, 2019), with the exception of career interruptions (e.g., maternity or parental leave, extended sick leave, clinical training, and family care) that occurred after their appointment. The full application deadline is February 7, 2019.

Individuals can participate in only one application as a nominated principal investigator, co-principal investigator, or co-applicant in this competition.

Projects must be high-risk and high-reward and may involve any disciplines, thematic areas, approaches or subject areas eligible for funding across the tri-agencies. Projects must be interdisciplinary, including at least two different disciplines (as defined by a group-level classification based on the Canadian Research and Development Classification).

review further Eligibility details at http://www.sshrc-crsh.gc.ca/funding-financement/nfrf-fnfr/nfrf-fnfr-eng.aspx#4

Value:
maximum $125,000 per year (including 25% indirect costs) for 2 years
A minimum of 75 grants will be awarded.

Application process:
Notify ROADS of intent to apply by December 14, 2018.

The draft of the Notice of Intent (NOI) is due to ROADS by January 3, 2019. The SSHRC NOI deadline is January 11, 2019.

The initial draft of the Application is due to ROADS by January 21, 2019.

The complete, final draft and a completed and signed Application Approval Form are due to ROADS by February 4, 2019. The SSHRC application deadline is February 7, 2019.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Social Sciences and Humanities Research Council (SSHRC): Insight Development Grants

The objective of the **Insight Development Grant** is to 1) support research in its initial stages, 2) enable the development of new research questions, and 3) experiment with new methods, theoretical approaches and/or ideas. Funding is provided for short-term research development projects proposed by individuals or teams.

For the current competition, at least 50 percent of funds will be reserved for applications from emerging scholars.


**Webinars**

SSHRC holds webinars on upcoming competitions using Adobe Connect. A question and answer period follows each presentation, allowing participants to submit written questions through the webinar interface. No registration is required, participants are welcome any time.

**Insight Development Grants**

- **English**: **December 18, 2018**, 1:30 - 3:00pm (eastern)
  Link: [Insight Development Grants](http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/insight_development_grants-subventions_de_developpement_savoir-eng.aspx)

- **French**: **December 18, 2018**, 10:00 - 11:30am (eastern)
  Link: [Insight Development Grants](http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/insight_development_grants-subventions_de_developpement_savoir-eng.aspx)

To join a webinar:

- click the link below for the webinar you wish to attend;
- type your name in the field provided and press “Enter Room;” and
- adjust the volume on your computer.

First time attending an Adobe Connect meeting?
[Test your connection](http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/insight_development_grants-subventions_de_developpement_savoir-eng.aspx)

**Value:**

$7,000 - $75,000 over 1 to 2 years

**Application process:**

Notify ROADS of intent to apply **as soon as possible**.

Beginning this year, ROADS has established an **internal peer review process** to allow McMaster researchers the opportunity to receive valuable feedback on their draft proposals from colleagues in areas of similar expertise. Only those draft applications received by **November 26, 2018** will be eligible for peer review.

For applicants who do not wish to participate in the internal peer review process, the initial draft of the Application is due to ROADS by **January 7, 2019**. The final draft and a completed and signed Application Approval Form are due to ROADS by **January 24, 2019**.
The SSHRC application deadline is **February 4, 2019**.

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

---

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

The CHS has announced the following funding opportunities:

1) **CHS/Novo Nordisk Canada Psychosocial Research Program**, the objective: to engage hemophilia program professionals/graduate students from the allied health disciplines (i.e., Nursing, Physiotherapy and Social Work) in research activities that 1) understand the psychosocial impact of hemophilia and other inherited bleeding disorders, and 2) improve the quality of life of persons and families whose lives are affected by these disorders.

Collaboration with multidisciplinary care providers and/or between two or more hemophilia centres is accepted and encouraged. Inter-regional applications will be considered.

Visit https://www.hemophilia.ca/the-chsnovo-nordisk-psychosocial-research-program/

**Value:** one or two $20,000 research grants to a maximum $40,000 for 1 year

**Application process:** The CHS extended letter of intent deadline is **January 16, 2019**.

2) **CHS – Bayer – ADVANCE Canada Research Program**, the objective: to engage Canadian hemophilia treaters in activities to identify and research key issues in the ageing hemophilia population.

Collaboration with multidisciplinary care providers and/or between two or more hemophilia centres is accepted and encouraged. Collaboration efforts are welcome as co-applicants and may include, for example, nursing, social work, physical therapy and genetics. Inter-regional applications will be considered.

Visit review *Interest areas and methodologies* at https://www.hemophilia.ca/research-chs-bayer-advance-canada-research-program/

**Value:** one or two $30,000 research grants to a maximum $60,000 for 1 year

**Application process:** The CHS application deadline is **February 8, 2019**.

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

---

**Ontario Trillium Foundation (OTF): Seed Grants**

The objective of the **Seed Grant** is to support projects at the idea or conceptual stage to achieve a **Priority Outcome**. Grant applicants will be required to identify an OTF Priority Outcome and one **Seed-specific Grant Result**.

Visit review *Priority Outcomes, Grant Results and Metrics* associated with all Action Areas at
All projects need to be focused on seeding new ideas, or approaches that will achieve greater impact in their community by:

. researching a new concept, idea or approach;
. developing, launching or testing a new idea, approach, or event;
. piloting a new program or running a demonstration project;
. conducting a feasibility study;
. convening around an emerging issue.

Value:  
$5,000 - $75,000 for 1 year

Application process:  
The OTF registration deadline is January 16, 2019. The application deadline is February 6, 2019.

ROADS contact:  
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439

MaRS Discovery District: The Opioid Data Challenge

MaRS seeks to engage innovative Canadians, people and organizations of all backgrounds and skills, to propose and test new data sets, sources and methodologies to 1) better measure opioid overdoses and harms in our communities, 2) bolster existing information, and 3) enable quantification of suspected opioid overdoses that fall into any or all of the following categories:

Category 1:  Suspected non-fatal opioid overdoses where community supports were utilized (i.e., emergency or medical services were not involved).

Category 2:  Suspected non-fatal opioid overdoses where emergency or medical services were involved.

Category 3:  Suspected fatal opioid overdoses.

review The Challenge at https://www.herox.com/OpioidDataChallenge

The challenge is divided into two phases:

Phase 1 – Propose and Develop: Participants will identify and propose data sources and methodologies to measure opioid overdoses occurring in a Canadian community of their choice. In addition to providing the total number of non-fatal and/or fatal overdoses, innovators will provide data on specific factors of an overdose (e.g., location and date).

Value: A maximum five $10,000 will be given to each challenge finalist for use in the continued development of their concept during Phase 2.
**Phase 2 – Extension:** Finalists will apply the data sources and/or methodology used in the previous phase, to a different community in Canada, to demonstrate wide-range applicability. A set of selection criteria will be provided to help guide innovators when choosing their second community.

**Value:** A maximum two $50,000 will be given to each challenge winner. The winners will also have the opportunity to scale and integrate their concepts into existing public health surveillance systems.

https://www.herox.com/OpioidDataChallenge/guidelines

**Application process:**
The MaRS Discovery District, Phase 1 submission deadline is **January 23, 2019**.

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

---

**Spina Bifida and Hydrocephalus Association of Canada: Research Grant**

The objective of the **Research Grant** is to invite researchers and medical professionals to submit a project that addresses the medical issues, treatment, and study of those affected by spina bifida and/or hydrocephalus.

http://sbhac.ca/research-applications/

**Value:**
$10,000 - $25,000 maximum 3 years

**Application process:**
The Spina Bifida and Hydrocephalus Association of Canada application deadline is **January 31, 2019**.

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

---


The aviation industry needs a fuel that will cut pollution and fight climate change.

The objective of the **Green Aviation Fuels Innovation Competition** is to 1) develop the jet fuel of the future (i.e., develop new ways to produce biojet fuels, e.g., sustainable sources), and 2) fight climate change.

More specifically:

a) accelerate innovation to bring down the cost of sustainable aviation fuel and reduce greenhouse gas emissions from air transportation;
b) build on Canadian strengths (e.g., forestry, agriculture, fuel production, innovation) to develop a world-class supply chain for the production of sustainable aviation fuel;

c) support Canadian leadership in clean technology innovation and the growing global market for green fuels. Promote the use of Canadian-made sustainable aviation fuel in domestic commercial flights in Canada.


**Value:**
Four teams will receive up to $2 million each over 18 months to support their efforts to develop the best way to scale up sustainable aviation fuel in Canada, leveraging the experience gained from the first production.

Applicants are encouraged to develop a consortium across the supply chain to support their efforts.

The winning team will receive $5 million to commercialize their innovative fuel.

**Application process:**
The Impact Canada application deadline is **February 1, 2019**.

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

---

**Burroughs Wellcome Fund: Collaborative Research Travel Grants**

The objective of the *Collaborative Research Travel Grant* program is to provide 1) relatively unrestricted travel funds to academic scientists at U.S. or Canadian degree-granting institutions, 2) domestic or international travel to labs to learn new research techniques, and 3) collaboration to address biomedical questions.

Applicants with a doctoral degree in the physical, mathematical, or engineering sciences working on a biological problem are encouraged to apply.

https://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants

**Value:**
maximum $15,000

**Application Process:**
The Burroughs Wellcome Fund application deadline is **February 1, 2019**.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Canadian Institute for Advanced Research (CIFAR): CIFAR Azrieli Global Scholars

The objective of the Azrieli Global Scholars program is to provide funding, skills training, mentorship, and opportunities to collaborate with colleagues from diverse disciplines, positioning scholars as research leaders and agents of change.

https://www.cifar.ca/research/global-scholars

Value:
maximum $100,000 for a maximum 2 years

Application Process:
The CIFAR application deadline is February 5, 2019.

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

Burroughs Wellcome Fund: Innovation in Regulatory Science

The objective of the Innovation in Regulatory Science is to support academic researchers developing new methodologies, or innovative approaches in regulatory science, that will ultimately inform the new regulatory decisions the FDA and others will make.

This opportunity would necessarily draw upon the talents of individuals trained in mathematics, computer science, applied physics, medicine, engineering, toxicology, epidemiology, biostatistics, and systems pharmacology.

https://www.bwfund.org/grant-programs/regulatory-science/innovation-regulatory-science

Value:
maximum $500,000 over 5 years

Application process:
The Burroughs Wellcome Fund application deadline is February 6, 2019.

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

World Wood Day Foundation: Research Grant

The objective of the Research Grant is to invite applications from scholars and graduate students that focus on "Wood and Culture". The WWDF supports interdisciplinary and integral investigation for exploring how wood has played a prominent role in human life.
Orthopaedic Trauma Association (OTA): Research Grants

The OTA has recently announced the following funding opportunities:

1. **OTA Member, Full Grant Pre-proposal**, the objective: to support any research issue related to musculoskeletal trauma (excluding product development).

   a) Clinical Research, value: $40,000 per year, maximum 2 years
   b) Basic Research, value: $25,000 per year, maximum 2 years
   c) Directed Topic Research, value: $40,000 per year, maximum 2 years, in the following clinical topics:
      - Indications, utilization, and safety of local antibiotic delivery in orthopaedic trauma care
      - Systemic and healing responses to musculoskeletal trauma in the elderly
      - Tissue (bone, muscle, tendon, ligament, cartilage) regeneration and repair after musculoskeletal trauma

   **Application process:**
   The OTA application deadline is **February 11, 2019**.

   [https://ota.org/research/grants/ota-member-full-research-grant](https://ota.org/research/grants/ota-member-full-research-grant)

2. **OTA/AOTNA Joint Research Grant**, the objective: to support clinical patient-centered outcomes, clinical or basic science musculoskeletal infection.

   **Value**: $50,000 per year, maximum 2 years

   [https://ota.org/research/grants/otaaotna-joint-research-grant](https://ota.org/research/grants/otaaotna-joint-research-grant)

   **Application process:**
   The OTA application deadline is **February 11, 2019**.

   announcement site: [https://ota.org/research/grants](https://ota.org/research/grants)
ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Grand Challenges Canada: OPTions Innovation Initiative

The objective of the Options for Pregnancy Termination (OPTions) Innovation Initiative is to support 1) bold ideas with big impact, 2) women’s and girls’ access to safe abortion in low- and middle-income countries, and 3) innovative and transformative approaches that put women and girls in control of where, when, and how they terminate their pregnancy.

The focus of this call is to support the development and testing of:

- new approaches to increasing early access to existing abortion products and services; and
- new methods of pregnancy termination.

https://optionsinitiative.org/

announcement site: https://www.grandchallenges.ca/funding-opportunities/

Value:
Seed Grants, maximum $250,000 CAD for 18 - 24 months

Application process:
The Grand Challenges Canada application deadline is February 12, 2019.

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

Fields Institute for Research in Mathematical Sciences: Proposals for Outreach Activities

The objective of the Outreach Activities is to support projects that promote mathematical culture at all levels, and bring mathematics to a wider audience.

http://www.fields.utoronto.ca/resources/outreach-activity-proposals

Value:
maximum $25,000

Application process:
The Fields Institute application deadline is February 15, 2019.

Deadlines for submission of proposals for outreach activities are June 15 and October 15 of each year. A lead-time of at least 9 months is requested between the deadline for submission and the date of the event. Decisions are normally announced within 4 weeks of each deadline.
Global Water Futures (GWF): GWF Affiliate Project

The objective of the *GWF Affiliate Project* is to 1) support opportunities to new and existing GWF researchers, 2) enhance existing research, or 3) present new research. The opportunities may contribute strategically towards the GWF vision, mission and goals.

review GWF, About Us at [https://gwf.usask.ca/about/about-us.php](https://gwf.usask.ca/about/about-us.php)

The GWF seeks to provide in-kind support to projects and to benefit from the linkages wherever possible.


**Value:**

**Application process:**
The Project Description has no deadline.

**ROADS contact:**
Praem Mehta, Research Project Coordinator, at mehtap5@mcmaster.ca or extension 20896

Le Secrétariat du Québec aux relations canadiennes (SQRC): Research Support Program on Intergovernmental Affairs and Québec Identity (PSRAIIQ)

The objective of the *Research Support Program* is to fund the development and dissemination of knowledge contributing to a better understanding of Québec, and its Canadian relations.

The Intergovernmental Affairs component primarily supports projects that will 1) contribute to the promotion of Canadian intergovernmental relations, based on the respect of the Constitution and the recognition of Québec’s specificity, and 2) enhance the reflection and discussion on intergovernmental issues in Canada.


**Value:**
The grant is determined on the basis of the result of the evaluation, and taking into account the orientation and priorities of the SQRC.

Grants of less than $15,000 are paid in a single instalment. Grants of $15,000 or more are paid in two instalments: 80% of the grant is paid after confirmation of the approval of the project by the SQRC; 20% at the end of the project upon acceptance of the final report by the SQRC.
Application process:
There is no deadline for submission of projects.

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

Previously Announced:

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

The objective of the Insight Development Grant is to 1) support research in its initial stages, 2) enable the development of new research questions, and 3) experiment with new methods, theoretical approaches and/or ideas. Funding is provided for short-term research development projects proposed by individuals or teams.

For the current competition, at least 50% of funds will be reserved for applications from emerging scholars. For definitions of terms, see: http://www. sshrc-crsh.gc.ca/funding-financement/programs-programmes/definitions-eng.aspx#a12

Established scholars must demonstrate how the proposed project is delineated from previous/ongoing research.


Value:
$7,000 - $75,000 over 1 to 2 years

Application process:
Notify ROADS of intent to apply as soon as possible.

Beginning this year, ROADS has established an internal peer review process to allow McMaster researchers the opportunity to receive valuable feedback on their draft proposals from colleagues in areas of similar expertise. Only those draft applications received by November 26, 2018 will be eligible for peer review.

For applicants who do not wish to participate in the internal peer review process, the initial draft of the Application is due to ROADS by January 7, 2019. The final draft and a completed and signed Application Approval Form are due to ROADS by January 24, 2019.

The SSHRC application deadline is February 4, 2019.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1

The objective of the Partnership Grant is to 1) support new and existing formal partnerships, 2) advance research, research training and/or knowledge mobilization in the social sciences and humanities through a) mutual co-operation and sharing of intellectual leadership, and b) cash and/or in-kind contributions.

Specifically, Partnership Grants are intended for large teams working in formal collaboration between postsecondary institutions and/or organizations of various types.


Value:
Applicants successful at Stage 1 are funded a maximum $20,000 to aid in the preparation of a formal application.

Partnership Grants successful at Stage 2 will be provided $500,000 - $2.5 million over 4 – 7 years.

Application process:
All applications led by McMaster, and applications partnered on proposals led by other institutions, require Faculty endorsement.

Notify ROADS of intent to apply by December 7, 2018.

The draft Application is due to ROADS by January 2, 2019. The final draft and a completed and signed Application Approval Form are due to ROADS by February 5, 2019.

The SSHRC letter of intent deadline is February 15, 2019.

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

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

The objective of the Connection Grant is to support events and outreach activities geared toward short-term, targeted, knowledge mobilization initiatives.

Connection Grant proposals may involve any disciplines, thematic areas, approaches, or subject areas eligible for SSHRC funding.

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

a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;

b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;

c) intersectoral exchanges between academic researchers in the humanities and social sciences, and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or

d) international research collaboration and scholarly exchanges between researchers, students, and non-academic partners from other countries.

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


Research Data Management Capacity Building Initiative

SSHRC is offering special Connection Grants to help the Canadian social sciences and humanities research community strengthen its capacity for data management; the Research Data Management Capacity Building Initiative.

The initiative offers the research community (e.g., disciplinary and professional associations; institutions; individual researchers) Connection Grants to support the development, adoption, and dissemination of research data management standards, practices, tools and skills, appropriate to their field.


Value:

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

Outreach Activities funding: maximum $50,000 over 1 year

SSHRC will not fund the full cost of any Connection project. Additional support in the form of eligible cash and/or in kind contributions (excluding registration fees) equivalent to a minimum of 50% of the amount requested from SSHRC, must come from other sources (e.g., sponsoring organizations).

Applicants may draw on complementary funding from SSHRC research grants and/or other research funding agencies, however, all applicants must indicate in their budget proposal that there is no duplication of financial support for the same budget expenses. While SSHRC funds may be used in this complementary way, the funds cannot be counted toward the 50% requirement for matching funds.

Application process:
Notify ROADS of intent to apply by December 14, 2018.
The draft Application is due to ROADS by **January 11, 2019**. The final draft and a completed and signed Application Approval Form are due to ROADS by **January 25, 2019**.

The SSHRC application deadline is **February 1, 2019**.

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

---

**Trans-Atlantic Platform Social Sciences and Humanities, Social Sciences and Humanities Research Council: T-AP Social Innovation, Call for Proposals**

The objective of the **T-AP Social Innovation Call** is to support international projects that contribute to increasing our understanding of societal transformations, and the role of social innovation.

The Call brings together funding organizations from Brazil, Canada, Finland, France, Germany, The Netherlands, Poland, and the United Kingdom.

Collaborations will enable researchers to:

1) address social challenges (e.g., digital divide; urban and rural developments and cohesion; access to public services and infrastructure; ethnic conflicts; human rights and legislation; the current state of democracy; equality, social, political and human values);

2) learn from the experiences of multisectoral collaboration for social innovation practiced on both sides of the Atlantic (e.g., innovative forms of economic organization, new digital technologies and accessibility; global and local environmental issues and sustainable development; strategies for social cohesion; integration of health and social care services; improvement of education and overcoming of linguistic barriers);

3) apply and adapt approaches from one locale to another;

4) generalize and/or scale up local experiences.

The international research projects must:

a) comprise at least three eligible research partners requiring financial support from funders located in different T-AP SI participating countries; and

b) include teams from both sides of the Atlantic.

Co-applicants on the Canadian team may be individuals from any of the following:

**Canadian:** Postsecondary institutions; not-for-profit organizations; philanthropic foundations; think tanks; municipal, territorial or provincial governments.

**International:** Postsecondary institution.

Value:
Each team will receive a grant from its respective country and funder(s). Canadian applicants may request up to a maximum $100,000 from SSHRC for a maximum 36 months.

Application process:
Notify ROADS of intent to apply by December 14, 2018.

The draft Application is due to ROADS by January 21, 2019. The final draft and a completed and signed Application Approval Form are due to ROADS by February 7, 2019.

The Netherlands Organisation for Scientific Research/SSHRC application deadline is February 14, 2019.

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

Michael G. DeGroote Institute for Pain Research and Care: Grants

The DeGroote Institute for Pain Research and Care has recently announced the following funding opportunities:

1) Seed Grants, the objective: 1) to provide principal investigators (i.e., faculty members of the DeGroote Institute for Pain Research and Care) funding to pursue leading-edge research in pain, and 2) to adhere to the model using persistent, post-surgical pain to understand chronic pain. Seed Grants encourage and support pain research by jump-starting research projects.

Value: maximum $30,000 for 1 year
Application process: The DeGroote Institute for Pain Research and Care application deadline is January 2, 2019.

2) Catalyst Grant, the objective: to support research on pain within the aging population. Preference will be given to projects focused on persistent, post-surgical pain in older adults, however, submissions on other topics related to pain and aging are welcome.

Catalyst Grants present the opportunity to 1) conduct new collaborative and interdisciplinary research, 2) conduct feasibility/pilot studies or scaling of interventions, and 3) collect preliminary data to support future proposals for full-scale studies.

Submissions should include researchers from at least three different McMaster Faculties, as meaningful contributors to the project.

Value: maximum $60,000 for 1 year
The grant requires matching funds of at least $10,000 (this may include up to $5,000 of in-kind contributions) from alternate sources.
**Application process:** The DeGroote Institute for Pain Research and Care abstract deadline is **January 2, 2019.**

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

**McMaster University, McMaster Institute for Research on Aging (MIRA): Funding Opportunities**

The MIRA has recently announced the following funding opportunities:

1. *Canadian Longitudinal Study on Aging (CLSA): Call for Proposals*

The CLSA is a large, national, long-term study of more than 50,000 men and women who were between the ages of 45 and 85 when recruited. These participants will be followed until 2033, or death.

The aim of the CLSA is to find ways to help us live long and live well, and understand why some people age in healthy fashion while others do not. [https://www.clsa-elcv.ca/about-us](https://www.clsa-elcv.ca/about-us) and [https://www.clsa-elcv.ca/data-access/data-access-application-process](https://www.clsa-elcv.ca/data-access/data-access-application-process)

Researchers must notify Laura Harrington, Managing Director, MIRA, of their intent to apply for CLSA data access to be considered for MIRA funding. MIRA funds are allocated only to projects that do not have any other funding for this purpose.

MIRA membership is required to be eligible.

Data access applications are accepted three times per year.

announcement site: [https://mira.mcmaster.ca/research/funding opportunitie](https://mira.mcmaster.ca/research/funding-opportunities)

**Value:**
MIRA can support access fees of $3,000 for a maximum 10 applications.
Applications are accepted on a **rolling basis.**

**Contact:**
Laura Harrington at harrinl@mcmaster.ca

2. *MIRA/IPRC Catalyst Grant*

The MIRA and the Michael G. DeGroote Institute for Pain Research and Care (IPRC), will co-fund a catalyst grant supporting a project that 1) stimulates new collaborations, and 2) allows the collection of preliminary data on research that considers pain and aging as central themes.

Interdisciplinary teams, involving researchers from at least three different McMaster Faculties, are invited to submit proposals that have clear potential benefits for older adults.

[https://mira.mcmaster.ca/research/funding-opportunities](https://mira.mcmaster.ca/research/funding-opportunities)
**Value:**
maximum $60,000 for 1 grant
A matching contribution of at least $10,000 (at least $5,000 cash, up to $5,000 may be in-kind) is required.

**Application process:**
The application deadline is **January 2, 2019**.

**Contact:**
mirainfo@mcmaster.ca

---

**Government of Canada, Innovation, Science and Economic Development Canada:**
**Accessible Technology Program**

The objective of the *Accessible Technology Program* is to address the need for more assertive technologies for persons with disabilities.


**Value:**
maximum $22.3 million for a maximum of 5 years

**Application process:**

The Government of Canada application deadlines are:
- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22

**Contact:**
Gay Yuyitun, Executive Director, McMaster Industry Liaison Office (MILO), at yuyitun@mcmaster.ca or extension 23164

---

**AGE-WELL Network, Core Research Program (CRP) 2020-2025: Request for Proposals**

AGE-WELL has announced a major, new funding opportunity for researchers based at Canadian institutions and working in the field of technology and aging; the *Core Research Program*.

AGE-WELL will provide significant funding to projects that:

a) are driven by real-world problems and challenge areas;
b) address specific areas of interest to AGE-WELL and its partners and stakeholders, review *Research Themes & Projects* at [https://agewell-nce.ca/research/research-themes-and-projects](https://agewell-nce.ca/research/research-themes-and-projects);
c) focus on innovative technology-based solutions to support older adults and caregivers;
d) are user-centred, involving end-users and stakeholders in all stages of the research;
e) deliver not only the technology but the practice, policy and service delivery models that are needed for the solution to be effective;
f) use a transdisciplinary approach;
g) have the potential to lead to economic and social impact
h) help AGE-WELL to achieve its mission.


Successful applications will be included as part of AGE-WELL’s renewal application for funding through 2020-2025.

[https://agewell-nce.ca/crp2020](https://agewell-nce.ca/crp2020)

**Value:**
maximum $200,000 per year for a minimum 3 - 5 years
Successful applications will also receive a one-year Catalyst Grant, starting April 1, 2019, for selected projects to continue to develop plans.

**Application process:**
The AGE-WELL application deadline is **January 4, 2019**.

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

---

**National Multiple Sclerosis Society: Grants**

The National Multiple Sclerosis Society has recently announced the following funding opportunities:

1) **Pilot Research Grants**, the objective: 1) to quickly test novel, innovative, cutting-edge ideas or untested methods, and 2) to gather sufficient preliminary data to apply for longer-term funding.

The studies may serve to advance the mission of stopping multiple sclerosis progression, restoring function and improving the quality of life, and preventing MS.

The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.
[https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants)

**Value:** maximum $50,000 for 1 year
**Application process:** The National Multiple Sclerosis Society pre-application deadline is **January 7, 2019**.

2) **Research Grants**, the objective: to support studies related to multiple sclerosis that may serve to advance the mission of stopping MS progression, restoring function and improving the quality of life, and preventing MS.
The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation. 
https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants

**Value:** Applicants submit a budget per year.
**Application process:** The National Multiple Sclerosis Society pre-application deadline is **February 6, 2019.**

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

---

**Canadian Frailty Network: Webinars**

Register for upcoming webinars, from 12:00-1:00pm (EST):

- **January 9, 2019, New Approaches to Evaluating Frailty in Solid Organ Transplantation** — Lianne Singer, University Health Network (FRA2015-B-13)  
  https://register.gotowebinar.com/register/4943899451641703426

- **January 23, 2019, Pilot study of an automated one-year mortality prediction tool to trigger Advance Care Planning** — James Downar, Ottawa Hospital Research Institute (CAT2015-16)  
  https://register.gotowebinar.com/register/7456538608271781890

- **February 6, 2019, Cardiac Surgery among the Frail and Elderly Towards Optimal Decision Making** — Greg Hirsch, Nova Scotia Health Authority (FRA2015-B-22)  
  https://register.gotowebinar.com/register/4790965554924290

**announcement site:** [https://www.cfn-nce.ca/webinars/](https://www.cfn-nce.ca/webinars/)

---

**Government of Canada, Great Lakes Protection Initiative: Funding for Restoring Great Lakes Areas of Concern**

The objective of the **Great Lakes Protection Initiative** is to 1) support action at the local level to restore water quality and ecosystem health to areas severely degraded by human activity (e.g., contaminated sediment, beach closures, loss of habitat for fish and wildlife, degraded fish and wildlife populations, restrictions on fish consumption), 2) implement projects identified in Areas of Concern (AOCs) Remedial Action Plans, and 3) improve the environmental, economic and social well-being of local communities in the basin.

**Great Lakes: AOCs**

- Thunder Bay
- Nipigon Bay
- Peninsula Harbour
- St. Marys River
- Detroit River
St. Clair River  
Niagara River  
Hamilton Harbour  
Toronto and Region  
Bay of Quinte  
St. Lawrence River

AOCs in Recovery:

- Jackfish Bay  
- Spanish Harbour


Remedial action plans have been developed for each AOC and identify projects required to restore local water quality and aquatic ecosystem health, including projects that contribute to directly eliminating identified **beneficial use impairments** by:

- restoring degraded habitat;  
- remediating contaminated sediment;  
- reducing point and non-point pollution.


**Value:**
$25,000 - $150,000
Projects may be single or multi-year in nature to a maximum duration of 3 years.  
Funding can provide up to one-third of the total project cost. The maximum level (stacking limit) of total government (federal, provincial, territorial and municipal assistance for the same eligible expenditures) assistance will not exceed 100% of the total eligible expenditures of the project.

**Application process:**
The Government of Canada application deadline is **January 11, 2019.**

**ROADS contact:**
Praem Mehta, Research Project Coordinator, at mehtap5@mcmaster.ca or extension 20896

**Simons Foundation Autism Research Initiative (SFARI): SFARI 2019 Research Award**

The objective of the **Research Award** is to support investigation of key unresolved research questions in autism, particularly those that connect genetic etiologies to brain function and behaviour.

The award welcomes risk and novelty. Competitive applications will have preliminary data, or other relevant groundwork. In some cases, projects may include those focusing on a central hypothesis where success depends on close collaboration between two or more labs.
Value:
maximum $1,300,000 including 20% indirect costs over a maximum 4 years

Application process:
The SFARI application deadline is **January 11, 2019**.

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

Hamilton Community Foundation: Community Health, Education & Research Fund

This fund supports innovative research in community health, with particular interest in applied research and collaborations involving respiratory health issues. review *Priorities & Criteria* at https://www.hamiltoncommunityfoundation.ca/grants/grant/community-health-education-research-grants/

Value:
Applicants submit a Financial Statement showing project revenues and expenditures

Application process:
The Hamilton Community Foundation application deadline is **January 12, 2019**.

ROADS contact:
Scott Johnston, Senior Advisor, at johnss6@mcmaster.ca or extension 24439

Louisville Institute – Grants

The Louisville Institute has recently announced the following funding opportunity:

*First Book Grant for Minority Scholars*, the objective: to assist junior, non-tenured, religion scholars of colour to complete a major research project on an issue in North American Christianity, related to the priorities of the Louisville Institute (i.e., *to enrich the religious lives of Americans*).


Value:
maximum of $40,000 for a maximum of one year.

Application process:
The Louisville Institute application deadline is **January 15, 2019**.

Announcement Website: https://louisville-institute.org/programs-grants-and-fellowships/grants/
Canadian Cancer Society (CCS): Grants

The CCS has recently announced the following funding opportunities:

1. **Innovation Grants**, the objective: to support the highest quality, creative, problem solving in cancer research.

The goal of the program is to 1) support the development and testing of unconventional concepts and approaches to address problems in cancer research, 2) enhance our understanding of cancer, and 3) generate new approaches in defeating cancer.

Successful Innovation projects are:

. based on “high risk” ideas that have a strong potential for “high reward”;
. feasible and doable by the applicant(s), but not necessarily based on a significant amount of preliminary data;
. bold attempts to test novel hypotheses and/or generate new knowledge and/or improvements related to cancer prevention, detection, diagnosis, treatment, and support.

Applications that explicitly address the Canadian Cancer Society’s mission to eradicate cancer, and enhance the quality of life of people living with cancer, are encouraged from across all areas and disciplines of cancer research.

A special call for breast cancer research is included in this competition. For applicants wishing to be considered under the breast cancer research initiative, a relevance statement is required.


**Value:**
maximum $100,000 per year and a maximum $200,000 per grant to support the direct costs of research including supplies, salaries, and equipment (equipment requests can not exceed 25% of the requested budget)
Grant expenditures may be extended over 3 years, if justified.

The grant is non-renewable.

**Application process:**
The CCS application deadline is **January 15, 2019**.

2. **Innovation to Impact Grants**, the objective: to support the further development of significant findings based on the goals originally explored through a funded CCS Innovation Grant, or eligible Canadian Breast Cancer Foundation (CBCF) Grant.
Only investigators with a funded Innovation Grant/CBCF Grant, with a project end date between January 1, 2016 and July 31, 2019, are eligible for this program.

Applicants are required to articulate significant achievements from the original grant (i.e., significant new knowledge, publications, intellectual property, technology development, or relevant endpoints), and clearly describe and justify the progression to the new research proposed.

A special call for breast cancer research is included in this competition. For applicants wishing to be considered under the breast cancer research initiative, a relevance statement is required.


**Value:**
maximum $150,000 per year for a maximum 3 years

The grant is non-renewable.

**Application process:**
The CCS application deadline is **January 15, 2019.**

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

---

**Government of Canada, Transport Canada, National Trade Corridors Fund: Northern Call**

The objective of the *National Trade Corridors Fund* is to support infrastructure projects in Canada (e.g., airports, ports, rail yards, transportation facilities, and access roads), located in any of the following territories:

- the Northwest Territories;
- Nunavut;
- Yukon.

Eligible projects will:

- improve the flow of goods and people in Canada;
- increase the flow of trade in and out of Canada;
- help the transportation system to withstand the effects of climate change, and better adapt to new technologies and innovation;
- address the transportation needs in the Territorial North to improve safety, and foster economic and social development;
- build on existing investments.

Preference may be given to projects that:

- are requesting less than $50 million from the fund; and
have secured funding from other funding partners.


Value:
A maximum $400 million is dedicated for transportation infrastructure in the Territorial North. Funding is spread out over 11 years, ending March 31, 2028.

Application process:
The Transport Canada expression of interest deadline is January 15, 2019. The project proposal deadline is March 29, 2019.

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

Canadian Blood Services: Blood Efficiency Accelerator Award Program

The objective of the Blood Efficiency Accelerator Award Program is to improve the efficient and appropriate utilization of blood products, while maintaining the safety of the blood system.

Blood product is defined as a therapeutic product derived from the donation of blood or blood components and includes red blood cell and platelet concentrates, plasma and plasma derivatives (including plasma protein products), and hematopoietic stem cells (including those derived from cord blood).

The Program will support innovative research projects that seek new knowledge, or accelerate the application of existing knowledge.

https://blood.ca/en/research/our-research-activities/our-research-funding-opportunities/blood-efficiency-accelerator-award-program

Value:
maximum $30,000 for 1 year

Application process:
The Canadian Blood Services application deadline is January 15, 2019.

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

Crohn’s and Colitis Canada: Grants-in-Aid of Research and Innovations in IBD Research

The Crohn’s and Colitis Canada has recently announced the following funding opportunity:
Innovations in IBD Research, the objective: to fund novel or innovative approaches to IBD research.

The grant is intended to stimulate and support research which may not be encompassed within the boundaries of traditional medical research. The proposals must conform to sound principles of research and may aim to collect pilot data for follow-on application(s).

http://crohnsandcolitis.ca/Research/Information-for-researchers#innovations

Value:
maximum $50,000 for 1 year

Application process:
The Crohn’s and Colitis Canada application deadline is January 18, 2019.

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

Academy of Motion Picture Arts and Sciences: Academy Film Scholars

The objective of the Academy Film Scholars is to support 1) significant, new works of film scholarship, and 2) English-language projects that address cultural, educational, historical, theoretical, or scientific aspects of theatrical motion pictures.

review Eligibility at https://www.oscars.org/education-grants/academy-film-scholars

https://www.oscars.org/education-grants/academy-film-scholars

Value:
$25,000

Applicants provide a timetable for completing the project.

Application process:
The Academy of Motion Picture Arts and Sciences application deadline is January 31, 2019.

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

Alpine Club of Canada (ACC), ACC Financial Grants: ACC Environment Grant

The objective of the ACC Environment Grant is to 1) support wilderness conservation; protection and preservation of mountain and climbing environments, including the preservation of alpine flora and fauna in their natural habitat; environmental improvement; 2) protect wild spaces from being lost.

Funding priority is given to projects related to the alpine and arctic environments and climbing areas in Canada.
Value:
Applicants must submit a detailed budget.

Application process:
The ACC application deadline is January 31, 2019.

ROADS contact:
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439

The Lung Association – Ontario and Ontario Respiratory Care Society (ORCS): ORCS Research Grant

The objective of the ORCS Research Grant is to promote research regarding any field of acute or chronic lung disease.

Research may include investigation of any phenomenon pertinent to illness assessment, management, or responses of the individual with a respiratory condition. The research may target health promotion, education, and prevention issues. Studies may use quantitative or qualitative methodologies.

The Lung Association has established focus areas: 1) asthma, 2) air quality, 3) smoking-related lung disease. Projects in these areas are encouraged, however, the primary criterion for the awarding of research monies shall be the excellence of the research proposal.


announcement site: https://lungontario.ca/research/apply

Value:

Application process:
The ORCS application deadline is February 1, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training (KRESCENT) Program: New Investigator Award

The objective of the New Investigator Award is to 1) fund individuals who have clearly demonstrated excellence during their pre-doctoral and post-doctoral training in kidney disease, 2) provide salary support of the faculty appointment at the rank of Assistant Professor, or its equivalent, and 3) assist individuals to become established, fully independent investigators in the field of kidney disease.

The application must be initiated by the university, or the institution at which the candidate will conduct the proposed research.

The awardee must show proof of application for a grant-in-aid (or research grant) in support of the proposed research plan, at the time of this award. Such grants must be administered by peer review granting agencies, approved by the KRESCENT Program.


Value:
annual stipend $70,000 (MD or equivalent degree), or $65,000 (Ph.D. without a MD or equivalent degree), without benefits, for a maximum 3 years

It is expected that 50% of the award will be contributed by the KRESCENT Program and 50% by the host institution.

The KRESCENT program also offers to match up to a maximum $25,000 of Infrastructure Support (i.e., laboratory start-up costs and support staff).

Application process:
The Kidney Foundation of Canada application deadline is February 1, 2019.

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

Leukemia Research Foundation, Hollis Brownstein Research Grants Program: New Investigator Grants

The objective of the New Investigator Grant is to support individuals (within seven years of their first independent position) who are 1) beginning to establish their own laboratories, and 2) no longer under the tutelage of a senior scientist mentor.

The grant allows innovative scientists to act on their ideas, and try new procedures and experiments that will hopefully lead to significant breakthroughs.

https://www.allbloodcancers.org/Application-Information and https://www.allbloodcancers.org/hollis-brownstein-research-grants
Value:
maximum $100,000 for 1 year

Application process:
The Leukemia Research Foundation letter of intent deadline is February 1, 2019.

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

---

Parkinson Canada: Grants

The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, related disorders including Multiple System Atrophy, Progressive Supranuclear Palsy, other Parkinson's conditions, and the impact these diseases have on society.

Parkinson Canada has recently announced the following funding opportunities:

1) **Pilot Project Grants**, the objective: to foster novel, high-potential projects and ideas with a trajectory for major grants with larger granting institutions.

   **Value:** maximum $50,000 for 1 year

2) **Pilot Project Grant, Targeted Competition: Progressive Supranuclear Palsy (PSP)**

   **Value:** maximum $50,000 for 1 year

3) **New Investigator Award**, the objective: to support junior faculty in a Canadian university in his/her first 5 years of their career as a research scientist in Canada.

   **Value:** $45,000 per year for 2 years

4) **Basic Research Fellowship**, the objective: to support Candidates who hold a doctoral degree (MD or PhD) and may be Canadian citizens who propose to train at an Approved Institution located inside or outside of Canada, or international applicants proposing to train at an Approved Institution located in Canada.

   **Value:** $40,000 - $50,000 per year for 2 years

   [https://www.parkinson.ca/research/apply-for-funding/#current](https://www.parkinson.ca/research/apply-for-funding/#current)

Application process:
The Parkinson Canada application deadline is February 4, 2019.

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

The objective of the *Project Grant* is to support activities that enhance teaching and learning in the fields of religion and theology. Project grants support projects that either:

- improve teaching and learning practices
- encourage research and study of pedagogical issues
- nurture supportive teaching environments.

The following is available:

**Small Project Grants** (review [https://www.wabashcenter.wabash.edu/wabash-grants/small-project-grants/](https://www.wabashcenter.wabash.edu/wabash-grants/small-project-grants/))

**Large Project Grants** (review [https://www.wabashcenter.wabash.edu/wabash-grants/project-grants/](https://www.wabashcenter.wabash.edu/wabash-grants/project-grants/))

**Value:**

- **Small Project Grants**: up to $5,000
- **Large Project Grants**: up to $30,000

**Application Process:**

The Wabash Centre application deadline for Small Project Grants is *any time* during the year. The deadline for Large Project Grants is **February 15, 2019**.

**ROADS Contact:**

Christina Pellegrini, Senior Advisor, at [pellegrc@mcmaster.ca](mailto:pellegrc@mcmaster.ca) or extension 27207

---

**Department of Defense (DoD), Congressionally Directed Medical Research Programs:**

**FY19 Amyotrophic Lateral Sclerosis Research Program (ALSRP)**

The DoD *ALSRP* has recently announced the following funding opportunities:

1) **Therapeutic Development Award**, the objective: to support research ranging from validation of therapeutic leads through U.S. Food and Drug Administration (FDA) Investigational New Drug (IND)-enabling studies. The proposed studies are expected to be empirical in nature and product-driven.


   Applications supported by this award must begin with lead compounds in hand and must include preliminary data relevant to the phase of development.


   The additional **Therapeutically Relevant Marker Option** encourages applicants to develop a specific marker(s) in parallel with the advanced therapeutic development effort. Additional funding is being offered for the co-development of markers that will enhance the drug development process. Efforts may include development of objective pharmacodynamic biomarkers to measure the biological effect of an investigational therapeutic, or predictive/cohoot-selective biomarkers that indicate whether a specific therapy will be effective in an individual patient, or patient subgroup.
Value: maximum $1 million over a maximum 2 years;
*Therapeutically Relevant Marker Option*: maximum $1,250,000 over a maximum 2 years

2) *Therapeutic Idea Award*, the objective: to support new ideas aimed at drug or treatment discovery that are still in the early stages of development.

Development and/or modification of preclinical model systems, or the application of high-throughput screens to define or assess lead compounds for ALS treatment, are of interest.

Development of methods to adequately measure target binding and proximal downstream effects (target engagement), and the potential for undesirable activities at related but unintended targets (selectivity), are also encouraged.

Identification of treatment approaches using biological correlates of disease activity and progression in pre-existing, de-identified human specimens from well-characterized, adequately controlled, and sufficiently powered patient cohorts is encouraged.


Value: maximum $500,000 over a maximum 2 years

announcement site: https://cdmrp.army.mil/funding/alsrp

Application process:
The DoD pre-application deadline is **March 22, 2019**.

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

---

**ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding**

The Institute for Catastrophic Loss Reduction (ICLR) and the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centres of Excellence invite proposals from social scientists to quickly deploy to a disaster-affected area in the aftermath of an extreme event to collect perishable data.

The objective: to support research that will learn from disaster events in order to better prevent disasters and protect communities in the future. This joint funding opportunity is being made available under the ICLR Quick Response Program (QRP) and MEOPAR’s Prompt Data Collection Program (PDC).

Value:
Applicants are required to submit a budget that cannot exceed $5,000 for a QRP application or $10,000 for a PDC application.

Application Process:
There is no fixed deadline for submitting proposals, proposals are submitted and reviewed on an ongoing basis. Notify ROADS of intent to apply as soon as possible.

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

Weston Brain Institute, Big Ideas: Canada

The objective of the Big Ideas: Canada is to support a large-scale, pivotal project that will have a significant and sustained impact on accelerating translational research on the development of therapeutics for neurodegenerative diseases of aging.

The Institute defines neurodegenerative diseases of aging to include:

- Alzheimer’s disease
- Dementia with lewy bodies
- Frontotemporal dementia
- Multiple system atrophy
- Parkinson’s disease
- Progressive supranuclear palsy
- Vascular contributions to the above diseases (not stroke-mediated vascular disease)
- Prodromes to the above diseases, including: a) mild cognitive impairment as prodromal to Alzheimer’s disease, b) REM sleep behaviour disorder as prodromal to Parkinson's disease.

http://westonbraininstitute.ca/funding-opportunities/big-ideas-canada/

Value:
$5,000,000 to $20,000,000 over 5 years. Applicants must identify the total cost of the project, split by year, and major category of expense.

Application Process:
The Weston Brain Institute Letter of Intent is due now. The Letter of Intent is accepted on a rolling basis.

ROADS Contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Weston Brain Institute, Early Phase Clinical Trials: Canada

The objective of the Early Phase Clinical Trials program is to provide significant support for 1) translational research to accelerate the development of therapeutics for neurodegenerative diseases of aging, and 2) clinical trials and/or clinical trial sub-studies that have excellent preliminary data.

All projects must involve the development of a therapeutic and/or a tool.


Value:
maximum $1,500,000 per project over a maximum 4 years

Application Process:
The Weston Brain Institute letter of intent is accepted on a rolling basis.

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

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

The objective of the International & Interdisciplinary Research Workshops is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centered on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.

The Open Call is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

https://www.cifar.ca/assets/researchworkshops/

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

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

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

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

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/

Value:
There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and travel are allowable. The grant provides funding for up to 5 years.

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

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

McMaster Institute for Research on Aging - MIRA AND LCMA Matching Funds for Research Opportunities

In order to improve the positioning of McMaster’s researchers in external funding competitions, MIRA and the Labarge Centre for Mobility in Aging (LCMA) have allocated funding that could be used to match or leverage external funds. The process for requesting these funds can be found by following the link below. This process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.

https://mira.mcmaster.ca/docs/default-source/Documents-and-Files/matchingfunds_process_7march.pdf?sfvrsn=0

Value:
Matching funds up to $100,000

Application Process:
Submissions to MIRA should be sent to MIRAinfo@mcmaster.ca at least one month before the grant submission is due.

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canada Foundation for Innovation (CFI): Research Facilities Navigator

The objective of the Research Facilities Navigator is to provide a searchable, online directory of research facilities in universities, colleges and hospitals across Canada, that are open to working with business.

This past Summer, the CFI responded to interest expressed from institutions to list facilities with cutting-edge equipment, that is not CFI-funded, in the Research Facilities Navigator.

The CFI now invites research facilities to post a free online profile in the Navigator.

https://navigator.innovation.ca/en

Partnership for Clean Competition (PCC): Research Grants and Micro-Grants

The PCC supports research that contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants, in all sports, at all levels of play. The PCC has recently announced the following funding opportunity:

Micro-Grants, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge. http://www.cleancompetition.org/programs/micro-grants-program/

Value:
for projects requiring less than $75,000 and fewer than 6 months to complete

Application process:
The PCC accepts Micro-Grant requests year-round.

Announcement website: http://www.cleancompetition.org/

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

CIHR, NSERC, SSHRC and the Canada Foundation for Innovation, Invitation for Feedback: Prioritizing Future Challenges for Canada

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

The scan has identified 16 future challenges with the potential to shape society in profound ways, which are all multi-disciplinary and require broad collaboration to address.
The granting agencies ask that you select one top challenge, and explore its possible impacts through a brief survey. For the challenge you select, you will be asked a series of questions. You will have the option of repeating the exercise for a challenge you deem of next-most importance.

Beyond the 16 challenges identified in the horizon scan, you have the opportunity to identify additional challenges deemed critical to Canada’s future.

The granting agencies are inviting input from a variety of individuals across the academic, private, public and not-for-profit sectors, in Canada and internationally.

By taking part in their brief prioritization exercise, using the Futurescaper crowdsourcing tool, you will help to identify which challenges to consider for possible future programming and/or corporate activities. Once you have reviewed the 16 future challenges, the exercise will take you approximately 10 - 15 minutes to complete.

To begin, please follow this link: FUTURE CHALLENGES PRIORITIZATION

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

**Institute for Catastrophic Loss Reduction (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](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.
A maximum $5,000 is available for an exceptional proposal.

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

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

---

**Shastri Indo-Canadian Institute (SICI): Grants**

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

1. **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence.

   **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.

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

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


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

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

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

---

**Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership**

The Research Office for Administration, Development & Support (ROADS) encourages you to consider joining NSERC Committees. Being a Committee Member is a valuable experience that demonstrates your involvement in the community and peer evaluation process, and highlights your expertise in your field.

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:

a) are known and respected for their capabilities;
b) know and understand Canadian university-based research;
c) display both breadth and depth of understanding and knowledge in their field and beyond;
d) exercise good judgement; and
e) are able to recognize value to Canada as a whole.

Nominations must be submitted on Form 250, **Nomination of Members for NSERC Committees** at http://www.nserc-crsng.gc.ca/_doc/NSERC-CRSNG/form250e.pdf.


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