Research Office for Administration, Development and Support (ROADS)
Funding Opportunities Bulletin

November 9, 2018

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

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.
• National Multiple Sclerosis Society: Grants – Pre-application deadlines January 7, 2019 and February 6, 2019

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

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply as soon as possible; SSHRC Application deadline December 17, 2018

• National Multiple Sclerosis Society: Therapeutic Development Opportunities for Neuroprotection and Neuroregeneration in Multiple Sclerosis – Registration deadline as soon as possible, Pre-application deadline December 5, 2018


• Canadian Blood Services: Awards (Grants) – Application deadline November 30, 2018

• Prostate Cancer Canada and the Movember Foundation: Discovery Grants – Registration deadline November 30, 2018; Application deadline January 17, 2019

• Québec Consortium for Drug Discovery (CQDM): Quantum Leap – Application deadline November 30, 2018

• WestGrid: Visualize This! Challenge – Final Solution/Application deadline November 30, 2018

• Simons Foundation, Center for Computational Astrophysics: Visiting Researcher Program – Application deadline December 1, 2018

• Weston Brain Institute: Grants – Letter of Intent deadline December 3, 2018

• The Higher Education Quality Council of Ontario (HEQCO) - Expressions of Interest: HEQCO-funded Test Sites for the Teaching of Skills – Expression of Interest deadline December 3, 2018

• Burroughs Wellcome Fund: Preterm Birth Initiative – Application deadline December 4, 2018

• Cancer Research Society: Operating Grants – Letter of Intent deadline December 4, 2018

• Imperial Oil: University Research Awards Program – to McMaster Industry Liaison Office (MILO), Proposal and signed MILO Sponsored Project Checklist deadline December 10, 2018; Imperial Oil Application deadline December 15, 2018
• Alex’s Lemonade Stand Foundation: Grants – Application deadline December 17, 2018

• 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

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

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

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

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

• Wabash Center: Project Grants – Application deadline: Small – Rolling, Large: February 15, 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
In this Issue:

Ontario Brain Institute: Growing Expertise in Evaluation and Knowledge Translation (GEEK) Program

The objective of the GEEK Program is to provide funding, evaluation expertise, and support to community-based programs and services for people living with brain disorders. The program supports the sustainability, scale, or spread of these programs to improve the quality and quantity of evidence-based care in the community.

Over the course of the program, the Ontario Brain Institute is seeking to fund a cohort of programs that represent a range of brain disorders and challenges, and represent diverse regions and groups in Ontario.

http://braininstitute.ca/programs-opportunities/geek

Webinar
November 12, 2018; noon
Register at https://zoom.us/meeting/register/45f468f947646d4bcde7dc3c8da9331e

Value:
The program will allocate up to $200,000 per year.

Application process:
The Ontario Brain Institute letter of intent deadline is November 26, 2018.

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

Brain & Behavior Research Foundation, Meet the Scientist Webinar: Pathways to New Treatments in Autism

free monthly Q&A Series
Pathways to New Treatments in Autism
November 13, 2018; 2:00-3:00pm EDT
Register now at https://www.bbrfoundation.org/event/pathways-new-treatments-autism-spectrum-disorder
Government of Canada, Environment and Climate Change Canada (ECCC), Health Canada (HC), Natural Sciences and Engineering Research Council (NSERC): Advancing Climate Change Science in Canada

The objective of the Advancing Climate Change Science in Canada is to provide support for activities that will:

1) increase collaboration among federal scientists, policy makers, and the extramural academic community to strengthen Canada’s research ecosystem;

2) enhance the ability of Canadian universities to support the objectives of the Pan-Canadian Framework on Clean Growth and Climate Change;

3) increase the scientific information available to support government decision-making on climate action.


The proposed research project must address at least one of the following research objectives:

. **Heat**: to help protect the health of Canadians through advancing innovation for energy efficient cooling technologies (e.g., the cooling potential of natural infrastructures);

. **Forests**: to accelerate the knowledge of ecosystem services in the context of climate change (e.g., the role of forests and trees as natural infrastructure in increasing climate resilience, mitigating climate change, human health and wellbeing, and promoting biodiversity in urban or rural landscapes);

. **Carbon cycle**: to improve our understanding of carbon dynamics in Canadian ecosystems, with a focus on how to quantify, protect and enhance natural carbon sinks.

Applicants are required to collaborate with at least one Federal Department or Agency from the Government of Canada. Other participants may include private sector organizations, non-governmental organizations, hospitals and clinics, foreign research institutions, venture capitalists, implementation sites, however, such participants do not qualify as eligible supporting organizations for this initiative.

Applicants are encouraged to collaborate with experts who work in fields other than the natural sciences and engineering (fields e.g., socio-economics), where appropriate.

All applicants must strive for diversity and increased gender equity when developing their group of co-applicants, collaborators, and trainees.

http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/ACCSC-SARCCC_eng.asp#procedures

**Value:**
maximum $180,000 annually for a maximum 3 years

Research costs for collaborations may comprise up to 30% of the project costs and must be identified in the project budget.

The maximum level (stacking limit) of total government assistance (federal, provincial, and municipal assistance for the same eligible expenditures) must not exceed 100% of eligible expenditures.
Application process:
Notify ROADS of Intent to Apply by **November 14, 2018**.

The draft Letter of Intent is due to ROADS by **November 23, 2018**.
The NSERC letter of intent deadline is **November 30, 2018**.

The initial draft of the Application is due to ROADS by **December 16, 2018**. The final draft and a completed and signed Application Approval Form are due to ROADS by **January 2, 2019**.

The NSERC application deadline is **January 9, 2019**.

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

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**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.


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**Webinar**

SSHRC will offer two webinars on **November 22, 2018:** in English at 12:30pm; in French at 2:00pm review instructions, **how to participate** at http://www.sshrc-crsh.gc.ca/funding-financement/webinars-webinaires/index-eng.aspx

**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

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**Bill & Melinda Gates Foundation (BMGF), Grand Challenges: Grand Challenges Explorations, Round 22: Application of Metagenomic Next Generation Sequencing to Detect and Identify Pathogens**

The Gates Foundation has partnered with the Chan Zuckerberg Biohub and the Chan Zuckerberg Initiative to enable patients in low- and middle-resource settings to benefit from cutting-edge, pathogen detection and discovery. The partnership will provide highly specialized training in biosample preparation and sequencing, to technical staff, from awardee global health centers.

The **BMGF-CZ-Biohub** partnership aims to provide selected applicants the benefits of onsite next generation sequencing, and rapid pathogen detection, to better understand their local pathogen landscape.

The call, **Application of Metagenomic Next Generation Sequencing to Detect and Identify Pathogens**, is specifically seeking projects that 1) endeavor to build upon the initial, locally-focused effort, and 2) contribute to future data-informed decision-making at the population level, via data sharing and pathogen data comparison, across sites.

Molecular data generated at individual global sites is intended to be linked and automatically aggregated into **IDseq** for referencing, by all participating clinics and associated sites.
review IDseq at https://idseq.net/
review, We will consider sites that, https://gcgh.grandchallenges.org/challenge/application-metagenomic-next-generation-sequencing-detect-and-identify-pathogens-round-22

Examples of insights could include:

1) deciphering unknown medical cases;
2) identification of new pathogens;
3) detection of local outbreaks;
4) characterization of the local pathogen landscape, including vector-borne diseases;
5) detection and classification of AMR Markers, with potential for insight into antibiotic treatment discordance;
6) data-informed healthcare and resource allocation.

Grantees will be expected to partner closely with scientists and engineers, and provide feedback to help guide the cloud computing software’s development.

Value:
Initial grants are $100,000 US. Successful projects are eligible to receive follow-on funding to a maximum $1 million.

Application process:
The Bill & Melinda Gates Foundation application deadline is December 5, 2018.

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

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. Review Subject Matter Eligibility at http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx

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

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

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

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

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

Particular importance 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. Review Evaluation and Adjudication at http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/data_management-gestion_des_donnees-eng.aspx

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

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:**  
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

**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

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**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 johnssa6@mcmaster.ca or extension 24439

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*Previously Announced:*

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

The **Partnership Engage Grant** will 1) respond to the objectives of the SSHRC Insight and the Connection programs, and 2) 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 are also meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.


Note, the Partnership Engage Grant cannot respond exclusively to the objectives of the Connection program.

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


SSHRC welcomes applications involving Aboriginal research, as well as those involving research-creation.


**Value:**
$7,000 - $25,000 over 1 year

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

The initial draft of the Application and Letters of Support are due to ROADS by **November 26, 2018**. The final draft and a completed and signed Application Approval Form are due to ROADS by **December 10, 2018**. The SSHRC application deadline is **December 17, 2018**.

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

**National Multiple Sclerosis Society: Therapeutic Development Opportunities for Neuroprotection and Neuroregeneration in Multiple Sclerosis**

The objective of this funding opportunity is to fund 1) drug development opportunities for therapies promoting neuroprotection and repair, and 2) new treatment strategies preventing neurodegeneration, and reversing neuronal damage where lost function can be restored.

Approaches that impact demyelination, remyelination, neuroprotection, neural plasticity and repair, are considered appropriate.

To submit a proposal for *Fast Forward* support, applicants must first register with the online portal ([https://nmss.fluxx.io](https://nmss.fluxx.io)), and complete a brief Pre-application.

Staff will review the Pre-application to determine whether the proposed research plan is appropriate and relevant to the objectives.
review *areas of high impact* and *research areas supported by this call*, page 1 at https://www.nationalmssociety.org/NationalMSSociety/media/MSNationalFiles/Research/Fast-Forward-Fall-2018-RFP-October-24-2018.pdf

https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Commercial-Research-Funding

**Value:**
maximum $300,000 over 1 – 2 years

**Application process:**
Register and complete a Pre-application, **as soon as possible**.
The National Multiple Sclerosis Society pre-application deadline is **December 5, 2018**.

**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 and 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.
d) promote the use of Canadian-made, sustainable, aviation fuel in domestic commercial flights in Canada.


**Challenge Forum**
*Meet the best of the green aviation fuels industry — from investors to airlines.*

The Challenge Forum will be held at the GARDN Conference at the Shaw Centre in Ottawa on **November 13-14, 2018**.

**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 **January 31, 2019**. Additional details to follow.

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

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**Canadian Blood Services: Awards (Grants)**

The Canadian Blood Services recently announced the following funding opportunities:

1. **BloodTechNet Award Program**, the objective: to support the development of innovative educational projects that network the Transfusion, Cellular Therapy and Transplantation communities in Canada. These projects deliver educational tools and resources that support the development of skills, knowledge, and expertise of the health professionals in this network. The Applicant must be a health professional belonging to the transfusion, cellular therapy and/or transplantation communities in Canada. The Program is targeted towards Medical Lab Technologists, Nurses, and Physicians.  

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

   **Application process:**
The Canadian Blood Services application deadline is **November 30, 2018**.

2. **Kenneth J. Fyke Award**, the objective: to support health services and policy research to promote the development of evidence-based Canadian practices and policies in blood transfusion, blood stem cell transplantation, organ and tissue transplantation for the benefit of Canadian patients.

   review funding priorities, page 1 at
   [https://blood.ca/sites/default/files/Canadian_Blood_Services_Ken_Fyke_Award_2018_Guidelines.pdf](https://blood.ca/sites/default/files/Canadian_Blood_Services_Ken_Fyke_Award_2018_Guidelines.pdf)

   **Value:**
   maximum $100,000 for 1 year

   **Application process:**
The application deadline is **November 30, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
**Prostate Cancer Canada and the Movember Foundation: Discovery Grants**

The objective of the *Discovery Grant* is to support novel and innovative prostate cancer research that will lead to new lines of investigation. The grant is designed to:

1) allow both junior and more established investigators to pursue new avenues of exploration;  
2) allow applications from all areas of prostate cancer research;  
3) fund applications that will have been evaluated by a rigorous peer-review process that assessed a) innovation, b) track record of investigator team, c) methodology and feasibility of the proposed work, and d) potential impact on prostate cancer.

The research project may address any of the broad areas of prostate cancer research including but not limited to biomedical, clinical, population health, and health services/economics.


**Value:**
maximum $200,000 over a maximum 2 years

**Application process:**
The Prostate Cancer Canada registration deadline is **November 30, 2018**. The application deadline is **January 17, 2019**.

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

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**Québec Consortium for Drug Discovery (CQDM): Quantum Leap**

The objective of the *Quantum Leap* funding opportunity is to:

1) support innovative, translational biopharmaceutical research projects;  
2) enable technologies, innovative platforms and/or innovative therapies;  
3) fund projects that a) focus on developing cutting-edge technologies with the potential to significantly advance the R&D activities of CQDM’s pharmaceutical members, and b) have potential to significantly improve, facilitate and/or accelerate the drug discovery process, and the development of safer and more effective drugs.

The technologies of interest can be at any stage of the drug development process, and involve a wide range of therapeutic indications.

Projects are associated with specific deliverables and must be ready for use by CQDM pharmaceutical members upon completion.

Value:
$500,000 - $1,200,000 over 1 – 3 years

Application process:
The CQDM application deadline is November 30, 2018.

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

WestGrid: Visualize This! Challenge

*Visualize This! Challenge* is a Canada-wide competition that aims to celebrate the innovative ways visualization can help researchers explore datasets, and answer important scientific questions.

*Visualize This!* provides an opportunity to challenge your creativity, experiment with new visualization tools, and contribute to the growth of data visualization in Canada.

This year the challenge is comprised of two separate competitions:

1. scientific visualization challenge based on a *molecular dynamics simulation dataset*, and

2. humanities visualization challenge based on the *Orlando British Women’s Writing Dataset*. review 1. at [https://westgrid.github.io/visualizeThis/menu/scientific.html](https://westgrid.github.io/visualizeThis/menu/scientific.html), and 2. at [https://westgrid.github.io/visualizeThis/menu/humanities.html](https://westgrid.github.io/visualizeThis/menu/humanities.html)

Both datasets will be made available on the competition webpage, and participants may download any time after October 1, 2018.

Submissions will be reviewed by members of the Compute Canada Visualization Team. Points will be given for:

a) interactive visualizations;
b) visualizing the 3D multi-scale nature of the data;
c) online presentation in a browser; and
d) clear innovative display of multiple variables.

Participants from all research fields are encouraged to enter.

announcement site: [https://westgrid.github.io/visualizeThis/journal/welcome-to-challenge.html](https://westgrid.github.io/visualizeThis/journal/welcome-to-challenge.html)

Value (prizes):
- High-capacity external SSD drives
- free registration and subsidized travel to a WestGrid 2019 Research Computing Summer School
- your visualization showcased on the websites of Compute Canada, WestGrid, Compute Ontario, Calcul Québec, and ACENET
- opportunity to present to the research community at an upcoming Compute Canada/WestGrid event
Application process:
The WestGrid final solution/application deadline is **November 30, 2018**.

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

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**Simons Foundation, Center for Computational Astrophysics (CCA): Visiting Researcher Program**

The CCA, at the Simons Foundation’s Flatiron Institute, New York City, invites researchers on sabbatical to visit in 2019–2020.

The CCA’s mission is to analyze big astronomical datasets and to understand complex, multiscale physics in an astrophysical and cosmological context.

Requests, not exceeding two pages in length, should include 1) a summary of research plans, 2) the arrival and end dates, and 3) requested support if needed. Visits generally last up to 1 year.

During the visit, sabbatical researchers will engage in projects independently and in collaboration with the CCA staff.

https://www.simonsfoundation.org/2018/10/10/visiting-researcher-program-center-for-computational-astrophysics-2/

Application process:
The Simons Foundation application deadline is **December 1, 2018**.

Contact:
David Spergel at dspergel@flatironinstitute.org

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**Weston Brain Institute: Grants**

The Weston Brain Institute has recently announced the following funding opportunities:

1. **Rapid Response: Canada 2019**, the objective: to support Alzheimer’s and related diseases:
   . frontotemporal dementia
   . mild cognitive impairment
   . vascular contributions and prodromes (to the above), and to provide seed funding for novel, high-risk, high-reward translational research projects.

All projects must meet two conditions to be eligible:

. projects must be translational research that helps accelerate the development of therapeutics for neurodegenerative diseases of aging;
projects must involve the development of a therapeutic and/or tool.

Preliminary data is not required.


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

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

Application process:
The Weston Brain Institute letter of intent deadline is December 3, 2018.

2. *Transformational Research: Canada 2019*, the objective: to support Alzheimer’s and related diseases:
   - frontotemporal dementia
   - mild cognitive impairment
   - vascular contributions and prodromes (to the above), and to support transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

All projects must meet the following conditions to be eligible:

- be translational research (excluding clinical trials and clinical trial sub-studies) that accelerates the development of therapeutics for neurodegenerative diseases of aging;
- be the development of a therapeutic and/or tool and/or complementary approaches.

http://westonbraininstitute.ca/transformational-research-canada-2019-ad/

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

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

Application process:
The Weston Brain Institute letter of intent deadline is December 3, 2018.

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

**Higher Education Quality Council of Ontario (HEQCO)**

The HEQCO has recently announced the following funding opportunity:

*HEQCO, Expressions of Interest: HEQCO-funded Test Sites for the Teaching of Skills*, the objective: to identify and fund higher education institutions, organizations, and academic units that 1) will act as test sites and laboratories to evaluate the effectiveness of various pedagogical techniques, program designs, technologies, etc., 2) attempt to teach skills and competencies considered to be important to those programs and to their students.
review parameters and areas to address at http://www.heqco.ca/en-ca/Research/Requests%20for%20Proposals/Pages/Home.aspx

**Value:**
The HEQCO is prepared to provide significant incentives, funding, and financial support to units that are selected to serve as test sites.

**Application process:**
The HEQCO expression of interest deadline is **December 3, 2018**.

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

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**Burroughs Wellcome Fund: Preterm Birth Initiative**

The objective of the **Preterm Birth Initiative** is to 1) increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth, 2) stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative, basic and translation science methods.

**Encouraged to apply:**
 a) reproductive scientists and investigators who are involved in other areas;  
b) postdoctoral fellows nearing their transition to independent investigator status through senior established investigators.

**Focus:**
 . molecular and computational approaches (e.g., genetics/genomics, immunology, microbiology, evolutionary biology, mathematics, engineering, and other basic sciences) independently or in conjunction with more traditional areas of parturition research (e.g., maternal fetal medicine, obstetrics, and pediatrics)

[https://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative](https://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative)

**Value:**
$125,000 per year over 4 years

**Application process:**
The Burroughs Wellcome Fund application deadline is **December 4, 2018**.

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

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**Cancer Research Society: Operating Grants**

The objective of the **Operating Grant** is to support fundamental, early translational, and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating this disease.
Value:
$60,000 per year for 2 years

Application process:
The Cancer Research Society letter of intent deadline is **December 4, 2018**.

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

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**Imperial Oil: University Research Awards Program**

The objective of the *University Research Awards Program* is to 1) encourage research at Canadian universities in areas of interest to Imperial Oil's petroleum, petrochemical, and energy resource development businesses, 2) support research in the fields of engineering, environmental, earth, chemical, and physical sciences. review *Areas of Interest* at [https://www.imperialoil.ca/en-ca/company/innovation-and-research/university-research-awards/university-research-awards](https://www.imperialoil.ca/en-ca/company/innovation-and-research/university-research-awards/university-research-awards)

Awards for specific research projects are provided to full-time faculty members to support research work carried out by university students under their direction.

Applicants are reminded that University policy requires research proposals be approved by the applicant’s Department Chair, Faculty Dean, and by the McMaster Industry Liaison Office (MILO), prior to submission to Imperial Oil.

Accordingly, applicants are asked to provide MILO with a copy of their proposal and MILO Sponsored Project Checklist, both signed by their Chair and Dean, by **December 10, 2018**, in order to allow MILO sufficient time to review/approve the proposal and, if necessary, provide comments.

**Value:**
ranging from $10,000 - $25,000 for 1 year and may be renewed annually for a maximum tenure of 3 years
The project budget must include overhead at 25%.

**Application process:**
To MILO, the proposal and signed MILO Sponsored Project Checklist deadline **December 10, 2018**. The Imperial Oil application deadline is **December 15, 2018**.

**Contact:**
MILO
Natural Sciences and Engineering: Ryan Vieira, Research Contracts Advisor, at vieirara@mcmaster.ca or (905) 525-9140 extension 22649
Alex’s Lemonade Stand Foundation: Grants

The Alex’s Lemonade Stand Foundation has recently announced the following funding opportunities:

1. **Young Investigator Grants**, the objective: to support scientists during their fellowship training or early in their research careers. Demonstration of outstanding mentorship, and demonstration of a career plan that shows commitment to pediatric cancer investigation, are critical components of a successful application. [https://www.alexslemonade.org/sites/default/files/2019_young_investigator_guidelines_final.pdf](https://www.alexslemonade.org/sites/default/files/2019_young_investigator_guidelines_final.pdf)

   **Announcement site:** [https://www.alexslemonade.org/researchers-reviewers/applicants](https://www.alexslemonade.org/researchers-reviewers/applicants)

   **Value:**
   maximum $150,000 over 3 years

   **Application process:**
   The Foundation’s application deadline is **December 17, 2018**.

2. **Epidemiology Grants**, the objective: to support investigators to pursue research studies in human populations, using epidemiological approaches, in order to significantly contribute to the understanding of childhood cancers. Hypothesis-driven research may focus on risk factors, early detection, prevention, effectiveness and treatment outcomes. [https://www.alexslemonade.org/sites/default/files/2019_epidemiology_guidelines_final.pdf](https://www.alexslemonade.org/sites/default/files/2019_epidemiology_guidelines_final.pdf)

   **Announcement site:** [https://www.alexslemonade.org/researchers-reviewers/applicants](https://www.alexslemonade.org/researchers-reviewers/applicants)

   **Value:**
   $100,000 per year for 2 years

   **Application process:**
   The Foundation’s application deadline is **December 17, 2018**.

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

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.
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-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

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 Yuyitung, 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:

- are driven by real-world problems and challenge areas;
- 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);
- focus on innovative technology-based solutions to support older adults and caregivers;
- are user-centred, involving end-users and stakeholders in all stages of the research;
- deliver not only the technology but the practice, policy and service delivery models that are needed for the solution to be effective;
- use a transdisciplinary approach;
- have the potential to lead to economic and social impact
- 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

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**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/

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

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**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
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 vscarvl@mcmaster.ca or extension 24519

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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

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**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 or extension 27207

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**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

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**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 MIRAnfo@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/](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

**Value:**
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc. A maximum $5,000 is available for an exceptional proposal.

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

**ROADS contact:**
Leanna Fong, Senior Advisor, at [fongl@mcmaster.ca](mailto:fongl@mcmaster.ca) or extension 21583

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

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

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

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

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

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

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

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


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

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

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

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**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.


**ROADS contact:**
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