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.

Explore PIVOT at https://pivot.proquest.com/funding_main

Join Community of Science (COS) Pivot: an up-to-date database of funding opportunities from around the world at https://pivot.proquest.com/funding_main; create your Pivot account at https://pivot.cos.com/session/login_help.


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

August 16, 2019

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Network of Centres of Excellence in Neurodegeneration (CoEN): Pathfinder Grants 4 – Application deadline November 4, 2019

BrightFocus Foundation: Grants – Application deadlines November 4, 8, 2019

Fulbright Canada, Foundation for Educational Exchange Between Canada and the United States of America: Programs for Canadian Scholars – Application deadline November 15, 2019

Simons Foundation Autism Research Initiative (SFARI): SFARI Viewer – an Online Platform to Visualize and Analyze SFARI Genomic Data Sets - Webinar

Previously announced:

Federation of Canadian Municipalities, Green Municipal Fund, Pilot Projects and Feasibility Studies: Stormwater quality, municipal project – submit an Application, apply now

Marine Environmental Observation Prediction and Response Network (MEOPAR): Fathom Fund – submit an Application, apply now

Ministry of Economic Development, Job Creation and Trade (MEDJCT): Ontario Research Fund - Research Excellence, Round 10 – Expression of Interest due to Associate Dean Research and ROADS by June 21, 2019; MEDJCT Application deadline September 20, 2019

Ontario Ministry of Economic Development, Job Creation, and Trade (MEDJCT): Early Researcher Awards (ERA) Round 15 - Notify Department Chair, Associate Dean Research and ROADS of intent to apply by July 2, 2019; MEDJCT Application deadline October 10, 2019

Social Sciences and Humanities Research Council (SSHRC): Open Research Area, 6th Call for Proposals – Notify ROADS of intent to apply by July 17, 2019; Economic and Social Research Council, outline Proposal deadline September 11, 2019

Social Sciences and Humanities Research Council, Canadian Institutes of Health Research, Natural Sciences and Engineering Research Council in collaboration with UK Research and Innovation: Canada-UK Artificial Intelligence Initiative – Notify ROADS of intent to apply by July 18, 2019; Application deadline September 12, 2019

Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of intent to apply by July 22, 2019; SSHRC Application deadline September 16, 2019

CANARIE: Call for Participation in the Joint Security Project – Information Webinars August 19, 20, 2019; Application deadline September 9, 2019

- Canadian Institutes of Health Research (CIHR): CIHR Project Grant: Fall 2019, Webinars – August 28, 2019

- Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants – Notify ROADS of intent to apply by August 30, 2019; SSHRC Application deadline November 15, 2019

- Heart & Stroke Foundation: Grant – Application deadline September 5, 2019

- The Ontario HIV Treatment Network (OHTN), Endgame Funding Program: Community-Based Research and Evaluation Awards – Application deadlines September 6, December 6, 2019

- Juvenile Diabetes Research Foundation International in partnership with the Lupus Research Alliance and the National Multiple Sclerosis Society: Decoding Immune Mediated Diseases – Novel Approaches for Therapeutic Insights – Letter of Intent deadline September 9, 2019

- National Multiple Sclerosis Society: Pilot Research Grants – Pre-application deadline September 9, 2019

- Brain & Behavior Research Foundation: Meet the Scientist Webinars – September 10, 2019

- The Michael J. Fox Foundation: Therapeutic Pipeline Program – Webinar September 12, 2019; Pre-proposal deadline September 24, 2019

- Canadian Allergy, Asthma, and Immunology Foundation (CAAIF): Research Grant for New Investigators – Application deadline September 13, 2019

- Department of Defense, Congressionally Directed Medical Research Programs, FY19 Chronic Pain Management Research Program (CPMRP): Grants – Pre-application deadline September 13, 2019

- Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): Winter 2020 Pilot Award – Application deadline September 13, 2019

- Hamilton Community Foundation: Edith H. Turner Foundation Fund – Application deadline September 13, 2019

- Schneider Electric and Powerhouse: 4D Challenge – Phase I: Submission, Application deadline September 15, 2019

- American Foundation for Suicide Prevention: Grants – Letter of Intent deadline September 15, 2019; Application deadline November 15, 2019

- Graham Foundation: Grants to Individuals – Inquiry Form deadline September 15, 2019

- Unitarian Universalist Association: Unitarian Universalist Funding Program – Application deadline September 16, 2019
- Department of Defense, Congressionally Directed Medical Research Programs, FY19 Kidney Cancer Research Program (KCRP): Academy of Kidney Cancer Investigators – Early Career Investigator Award – Pre-application deadline September 17, 2019; Application deadline October 1, 2019

- Department of Defense, Congressionally Directed Medical Research Programs, FY19 Kidney Cancer Research Program (KCRP): Grants – Pre-application deadline September 17, 2019; Application deadline October 1, 2019

- Canada Council for the Arts, Digital Strategy Fund, Digital Literacy and Intelligence: Single-phase Initiatives – Application deadline September 18, 2019

- Department of Defense, Congressionally Directed Medical Research Programs, FY19 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Grant – Pre-application deadline September 19, 2019; Application deadline October 3, 2019

- McMaster University, McMaster Institute for Research on Aging (MIRA): Canadian Longitudinal Study on Aging (CLSA) Application deadline September 23, 2019

- Simons Foundation, Mathematics and Physical Sciences: Funding Opportunities – Application and Letter of Intent deadlines September 25, 26, October 3, 2019

- Mind & Life Institute: Francisco J. Varela Research Grants for Contemplative Research – Application deadline September 25, 2019

- Alex’s Lemonade Stand Foundation: RUNX1 Early Career Investigator Grant – Application deadline September 26, 2019

- Canadian Frailty Network: Call for Proposals, 2019 National Conference on Frailty: Innovation and Collaboration for Impact – Conference September 26-27, 2019 (Toronto)

- Innovative Medicines Canada, Health Research Foundation: Research Fellowship Opportunities – Application deadline September 27, 2019

- SickKids Foundation: Grants – Application deadline September 30, 2019

- Alex’s Lemonade Stand Foundation: Crazy 8 Initiative Award Program – Letter of Intent deadline October 1, 2019

- Cystic Fibrosis Canada: 2019 Fall Research Competition – Application deadline October 1, 2019

- Multiple Sclerosis Society of Canada: Discovery Research (Operating) Grants – Application deadline October 1, 2019

- Louisville Institute: Grant Programs – Application deadlines October 1, November 1, 2019

- Nordisk, Nordic Culture Fund: Project Funding – Application deadline October 1, 2019

- National Geographic Society: Conservation Technologies, New Methods of Monitoring Ecosystem Health – Application deadline October 9, 2019
• Alzheimer’s Drug Discovery Foundation: Core Requests for Proposals – Letter of Intent deadline October 11, 2019

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

• Fields Institute for Research in Mathematical Sciences: Proposals for Outreach Activities – Application deadline October 15, 2019

• Government of Canada, Canadian Space Agency: Flights and Fieldwork for the Advancement of Science and Technology (FAST 2019) – Application deadline October 18, 2019

• American Chemical Society: Petroleum Research Fund Grants – Application deadline October 18, 2019

• Ontario Molecular Pathology Research Network (OMPRN): 2019 Cancer Pathology Translational Research Grants (CPTRG) Stream1 – Application deadline October 28, 2019

• Canadian Orthopaedic Foundation: Canadian Orthopaedic Research Legacy (CORL) Grant – Application deadline October 31, 2019

• Biocodex Microbiota Foundation, National Research Grant Canada 2019: The Microbiome in Human Health and Diseases – Application deadline October 31, 2019

• Wenner-Gren Foundation: Post-Ph.D. Research Grants – Application deadline November 1, 2019


• ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding – Notify ROADS of Intent to Apply as soon as possible

• Canadian Foundation for Healthcare Improvement (CFHI): Priority Health Innovation Challenge – Early Innovator Award – Priority Health Innovation Challenge – Applications accepted on a rolling basis

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

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

• MIRA AND LCMA Matching Funds for Research Opportunities – Application accepted on a rolling basis

• Wabash Center: Project Grants – Small Grants - Application accepted on a rolling basis

• Waitt Foundation: Rapid Oceans Conservation (ROC) Grants Program – Application accepted on a rolling basis
• **Shastri Indo-Canadian Institute:** [SICI Membership Development Fund 2019-20 – Application, no deadline](#)

• **Government of Canada:** [Sustainable Development Goals Funding Program – Application, no deadline](#)

• **Natural Sciences and Engineering Research Council of Canada (NSERC):** [Alliance Grant Program – Application, no deadline](#)

• **Government of Canada, Natural Resources Canada:** [Indigenous Forestry Initiative – Application, no deadline](#)

• **Mitacs:** [Globalink Research Award – Application, no deadline](#)

• **Government of Canada, Agriculture and Agri-Food Canada:** [Canadian Agricultural Strategic Priorities Program – Pre-screening Summary, no deadline](#)

• **Cancer Research Society:** [Translational Research Partnership Program – Letter of Intent, no deadline](#)

• **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 (PSRAIIQ) – Project, no deadline](#)

• **Canada Foundation for Innovation (CFI):** [Research Facilities Navigator – Online Profile, no deadline](#)

• **Partnership For Clean Competition:** [Micro-Grants – Application, no deadline](#)

• **Institute for Catastrophic Loss Reduction (ICLR):** [Quick Response Program – Application, no deadline](#)

• **Natural Sciences and Engineering Research Council of Canada (NSERC):** [NSERC Committee Membership](#)

• **Fonds de recherche du Québec (FRQ):** [Toolkit for Responsible Conduct in Research-Creation](#)

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**In this Issue:**

**Simons Foundation, Sundance Institute, Sundance Institute Documentary Fund: Science Sandbox Nonfiction Project**

The objective of the *Science Sandbox Nonfiction Project* is to support independent artists seeking to 1) explore the intrinsic link between science and culture through innovative storytelling, and 2) inspire a deeper interest in science. Grants are provided to artists, especially those who do not think of themselves as science enthusiasts.
Projects that emphasize creative narrative techniques and highlight diversity in science, specifically those that feature characters, topics or disciplines that broaden and redefine what it means to be a scientist, or to do science, are valued. Feature-length projects, shorts, series, immersive and new-media projects, are all eligible.

Funding is offered to projects at all stages of development, post-production, production and impact campaigns.

https://www.sundance.org/science-sandbox and

https://www.simonsfoundation.org/2019/08/01/sundance-science-sandbox-announce-nine-new-grant-recipients/?utm_source=SimonsFoundation.org+Newsletter&utm_campaign=69022d3189-EMAIL_CAMPAIGN_8_13_2019_16_9&utm_medium=email&utm_term=0_01c00e64ea-69022d3189-389727605

Value:

- **Development**: $10,000 - $25,000
- **Post-Production**: $30,000 - $50,000
- **Production**: $35,000 - $50,000
- **Impact/engagement**: $20,000 - $25,000

Application process:
The Sundance Institute application submission operates on an open and rolling process. Grant-making decisions occur 3 times per year generally Spring, Summer, and Fall.

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

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

The objective of the *Insight Grant* is to provide support for long-term research initiatives central to advancing knowledge.

The grant enables both emerging and established scholars, individual researchers or teams in the social sciences and humanities to 1) address complex issues pertaining to individuals and societies, and 2) further our collective understanding.


**NEW Joint Initiative for Digital Citizen Research**

Canadian Heritage is partnering with SSHRC to provide research grants and research training supplements through three arms-length funding opportunities, including the SSHRC Insight Grant.
The funding provides assistance to selected postsecondary institution-affiliated researchers, postdoctoral scholars and students to conduct research related to online disinformation and other online harms, as well as their impact in the Canadian context.

The Joint Initiative has three broad objectives:

1. to promote Canadian research that will develop better understanding — based on empirical evidence — of the impacts of online disinformation in Canada, in order to better inform programs and policies;

2. to build Canada's capacity to conduct research on and related to countering online disinformation and other related online harms, specifically in the target areas described below; and

3. to help foster a community of research in the digital citizenship and online disinformation space in Canada.

SSHRC will accept applications for the Joint Initiative for Digital Citizen Research for the October 15, 2019 competition

Value:

Applicants may choose one of two streams when applying for an Insight Grant, depending on the amount of funding required.

**Stream A:**
$7,000 - $100,000 over 2 - 5 years
A minimum request of $7,000 is required in at least one year.

**Stream B:**
$101,000 - $400,000 over 2 - 5 years
A minimum request of $7,000 is required in at least one year. A maximum $100,000 is available in a single year.

**Application process:**

Notify ROADS of intent to apply by **August 2, 2019**.

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 **August 19, 2019** will be eligible for peer review.

Applicants who do not wish to participate in the internal peer review process, note, the initial draft of the application is due to ROADS, **September 17, 2019**.

The final draft and a completed and signed Application Approval Form is due to ROADS, **October 7, 2019**.

The SSHRC application deadline is October 15, 2019. review SSHRC **research application system** at [https://webapps.nserc.ca/SSHRC/faces/logon.jsp?lang=en_CA](https://webapps.nserc.ca/SSHRC/faces/logon.jsp?lang=en_CA)
Shastri Indo-Canadian Institute: Funding Opportunities

The Shastri Indo-Canadian Institute (SICI) has announced the following:

1. **Shastri Institutional Collaborative Research Grant** (SICRG), the objective: to support and encourage Institutional collaboration in research and development in the areas in which Institutions from SICI’s Indian and Canadian Member Council can benefit. 

   review [Member Council Indian/Canadian Member Institutions](https://www.shastriinstitute.org/member-council)

Applications from all domains of studies are accepted (Social Sciences and Humanities, Arts, Commerce and Management, STEM). However, applications are encouraged in the focus areas of SICI and priority areas of the Ministry of Human Resource Development, Government of India.

SICI:

- Food Security and Sustainable Development
- Water Resource Management
- Gender
- Bi-lateral Trade and Investment
- Energy and Environmental Sciences
- Securing Future of Children and Youth
- Higher Education
- Agricultural Science and Technology
- Teacher Education and Training
- Health Sciences
- Nursing
- Marine Sciences and Ocean Studies

review [Priority Areas specified by Government of India](http://www.shastriinstitute.org/sites/default/files/Priority%20Areas%20Document%20-Brief.pdf)

[http://www.shastriinstitute.org/Shastri-institutional-collaborative-research-grant](https://shastriinstitute.org/Shastri-institutional-collaborative-research-grant)

**Value:**

INR 10, 00,000 for 2 years

[https://www.rupee-converter.in/INR_CAD](https://www.rupee-converter.in/INR_CAD)

**Application process:**

The SICI application deadline is **August 28, 2019.**
2. **Shastri Mobility Programme (SMP)**, the objective: to study and learn best practices in the Canadian/Indian education system, develop curriculum, build a course, deliver a lecture or teach a module/part of a course within specific areas above.

[https://shastriinstitute.org/shastri-mobility-programme](https://shastriinstitute.org/shastri-mobility-programme)

**Value:**
$750 CAD per week for 3 weeks

The fellowship package will include:
- economy class airfare from the place of origin to the place of affiliation in the most direct route
- Visa fee
- Overseas Insurance

**Application process:**
The SICI application deadline is **August 28, 2019**.

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3. **Shastri Programme Development Grant (SPDG)**, the objective: to encourage scholarly and professional academic activities with a view to contributing to the expansion of knowledge about India or Canada, at Indian/Canadian universities. The activities for grant consideration are conferences, symposia, workshops, lecture series and theme-based orientation programs. (review specific areas above, at 1.)

Applications are especially encouraged for innovative ideas and activities encompassing different pedagogy involving youth of India and Canada, that is likely to promote or expand knowledge about India or Canada.

[https://www.shastriinstitute.org/Shastri-Programme-Development-Grant](https://www.shastriinstitute.org/Shastri-Programme-Development-Grant)

**Value:**
maximum 1,00,000 INR (1 lakh) -- 3, 00000 INR (3 lakh) depending on the nature of the program/activity proposed for 1 year

[https://www.rupee-converter.in/INR_CAD](https://www.rupee-converter.in/INR_CAD)

Funding is provided for domestic/international travel of visiting scholars, materials, printing, office-related charges, computer time and possible printing/publishing fees, food etc.

**Application process:**
The SICI application deadline is **August 28, 2019**.

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4. **Shastri Publication Grant (SPG)**, the objective: to encourage scholarly publications (e.g., festschrifits volumes, working papers, policy papers, monographs, collective works, critical editions of books and bibliographies, reference works and documentary collections, and translation of scholarly works. (review specific areas above, at 1.)

[https://www.shastriinstitute.org/node/12721#overlay-context=search/node/publication%2520grant](https://www.shastriinstitute.org/node/12721#overlay-context=search/node/publication%2520grant)

**Value:**
Up to  INR 1,00,000/-
Application process:
The SICI application deadline is **August 28, 2019**.

5. **Faculty Development Programme for Vocational Education** (FDPVE), the objective: to facilitate visits by faculty in Indian institutions to a) help them to understand the pedagogy, skill sets and curriculum of vocational courses available within the Canadian vocational education system, b) enable them to gain sufficient exposure to develop a module to their existing curriculum and pedagogy to introduce on international perspectives, and c) prepare their students for the international labour market.

The FDPVE program involves:

- Outward Mobility (identified faculty from Indian Vocational institutions to visit Canadian Vocational Universities);
- Inward Mobility (identified faculty from Canadian Vocational institutions to visit Indian Vocational Universities).

**Inward/Outward mobility activities**

- train the trainer;
- conducting workshops in relevant/priority areas (review specific areas above, at 1.);
- exploring opportunities for collaboration between identified Institutions of vocational learning.

review *Priority Areas of the Ministry of Human Resource Development for Vocational Education* at [https://shastriinstitute.org/faculty-development-programme-for-vocational-education](https://shastriinstitute.org/faculty-development-programme-for-vocational-education)

**Value:**
$750 CAD per week for 4 weeks

Application process:
The SICI application deadline is **August 28, 2019**.

6. **Shastri Scholar Travel Subsidy Grant 2019-20** (SSTSG), the objective: to assist faculty members, doctoral and/or post-doctoral students with travel subsidies to participate in conferences, workshops, seminars and academic meetings in partner countries (India or Canada), that are intended to establish institutional and scholarly linkages. (review specific areas above, at 1.)

[https://www.shastriinstitute.org/Shastri_scholar_travel_subsidy_grant](https://www.shastriinstitute.org/Shastri_scholar_travel_subsidy_grant)

**Value:**
$1,500 CAD to support the scholar’s international economy class airfare
Travel that starts and finishes within the period of July 15, 2019 to December 31, 2020 is eligible.
Associated costs related to visas, meals, per diem and accommodation are not eligible.

Application process:
The SICI application deadline is **September 15, 2019**.
7. **SICI Membership Development Fund 2019-20 (SMDF)**, the objective: a) to publicize and promote SICI mandates, as well as programs and grant opportunities offered by SICI Canada and Indian offices, to its Canadian Members Council (CMC) Institutions, and b) to enable faculty, student and staff to apply and avail the benefits of being an active member of SICI.

The SMDF grant could be used for a single event to promote SICI opportunities and other bi-national (India-Canada) activities in CMC institutions. However, the grant-related activities may also be linked to public events (academic or cultural), that showcase India-Canada accomplishments where the promotion of SICI’s activities is an integral part of the program.

https://www.shastriinstitute.org/SICI_membership_development_fund_SMDF

**Value:**
$500 CAD  
Acceptable expenses:  
- refreshment costs (i.e., tea, coffee, soft drinks, snacks)  
- supplement the travel and or accommodation costs for invited speakers, panelists, etc.,

**Application process:**
The SICI application deadline is **open**.

announcement site:  [https://shastriinstitute.org/grants-awards-and-opportunities-for-indian-canadian-scholars](https://shastriinstitute.org/grants-awards-and-opportunities-for-indian-canadian-scholars)

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

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**Orphan Disease Center in collaboration with the Hypopara Research Foundation: Grant Programs**

The Orphan Disease Center has announced the following Grant Programs.

1. **2019 Hypoparathyroidism Stem Cell Consortium Pilot Grant Program**, the objective: to support multidisciplinary teams of scientists that aim to develop a potential long-term therapy for hypoparathyroidism, by using advances in stem cell research to regenerate and transplant parathyroid glands.  
   **focus**: the biology of parathyroid cell differentiation

The overall effort must be directed to the longer range goal of developing human treatments.  

**Value:**
$1,000,000 over a 2 years
**Application process:**
The Orphan Disease Center letter of interest deadline is **September 9, 2019**.

2. **In-home Calcium Diagnostic Device for Hypoparathyroidism Grant Program**, the objective: to support applications for the creation of a medical diagnostic device, that would allow the in-home measurement of calcium in the blood. The goal is to create a device for hypoparathyroidism patients and others with hypocalcemia, which would improve disease management and quality of life by self-administered care at home.


**Value:**
$200,000 for 1 year

**Application process:**
The Orphan Disease Center letter of interest deadline is **September 13, 2019**.

announcement site: [https://orphandiseasecenter.submittable.com/submit](https://orphandiseasecenter.submittable.com/submit)

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

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**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:

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

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

. 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

. 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

SSHRC will accept applications for the Research Data Management Capacity Building Initiative for the November 1, 2019 competition.

NEW Joint Initiative for Digital Citizen Research

Canadian Heritage is partnering with SSHRC to provide funding support through arms-length Connection Grants. The grants provide assistance to selected events and outreach activities for short-term, targeted knowledge mobilization initiatives.

These events and activities represent opportunities to exchange knowledge and engage on research issues related to online disinformation, and other related online harms, as well as their impact in the Canadian context.

The Joint Initiative has 3 broad objectives

. to promote Canadian research that will develop better understanding — based on empirical evidence — of the impacts of online disinformation in Canada, in order to better inform programs and policies;

. to build Canada's capacity to conduct research on and related to countering online disinformation and other related online harms, specifically in the target areas described below; and

. to help foster a community of research in the digital citizenship and online disinformation space in Canada.


SSHRC will accept applications for the Joint Initiative for Digital Citizen Research for the November 1, 2019 competition.
**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, 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 **September 13, 2019.**
The initial draft of the Application and Letters of Support are due to ROADS by **October 10, 2019.**
The final draft and a completed and signed Application Approval Form are due to ROADS by **October 25, 2019.**
The SSHRC application deadline is **November 1, 2019.**

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Reconstructive Transplant Research Program (RTRP): Qualitative Research Award**

The objective of the DoD RTRP *Qualitative Research Award* is to support multi-institutional partnerships for qualitative research studies, that will help researchers and clinicians better understand the experiences of individuals involved in the reconstructive transplant process. This includes those who are considering, or who have already received, reconstructive transplant surgery and/or the reality of lifelong immunosuppression, as well as caregivers, potential donors and their families, and clinicians.

Observations that drive a research idea may be derived from basic discovery, population-based studies, a clinician’s first-hand knowledge of patients, or anecdotal data.

Qualitative research is intended to be exploratory, open-ended and unbiased. The information gathered should be meaningful and culturally appropriate to the participant, unanticipated (not hypothesis-based) by the research team, and rich and explanatory in nature.

**Value:**
maximum $1.5 million over 3 years
Application process:
The DoD pre-application deadline is **September 25, 2019**. The application deadline is **October 16, 2019**.

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

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**Canadian Space Agency: Grants**

The Canadian Space Agency has announced the following funding opportunities.

1. **Health & Life Sciences Data and Sample Mining**, the objective:

   a) to support science investigations that will lead to a better understanding of human spaceflight risks, while contributing to improve remote medicine and health benefits here on Earth; and specifically

   b) to conduct scientific analysis using databases or samples derived from existing collections, for improving the understanding of the risks of spaceflight, or for initial validation of new countermeasures.

   The studies selected for this call are expected to be precursors of Canadian investigations on the International Space Station, or other space research platforms.


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

2. **Health & Life Sciences Research Models**, the objective: to conduct science investigations that will lead to a better understanding of human spaceflight risks, while contributing to improve remote medicine and health benefits here on Earth.

   **focus:** non-human research models (e.g., animals, cells, organoids, cell-free systems and model organisms) that investigate space-related health risks (identified in **Table 1 in Section 3.3**) to expand research approaches.


   Proponents must also substantiate the validity of the link between the chosen experimental system(s) and human biology.

   There must be a solid conceptual link between the proposed work and future studies that require access to space. The studies targeted in this call are expected to be precursors of Canadian investigations on the International Space Station, or other space research platforms.

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

Application process:
The Canadian Space Agency application deadline is **September 27, 2019**.

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

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**Leukemia & Lymphoma Society: Specialized Centre of Research Program**

The objective of the *Specialized Centre of Research Program* is to bring together established investigators from one or several institutions to 1) develop a focused research program, 2) foster new interactions and cooperation, and 3) enhance interdisciplinary research among the participants.

Strategies that move discoveries from the bench to the clinic are of high importance, as are integrated translational projects.

The overall goal is to enhance the development of innovative strategies for the treatment, diagnosis or prevention of hematological malignancies.

[https://www.lls.org/research/specialized-center-of-research-program](https://www.lls.org/research/specialized-center-of-research-program)

**Value:**
The maximal annual total cost is $1,000,000 for each year of the 5 year grant. The maximum annual direct cost is $833,333, while the maximum annual indirect cost is $166,666.

**Application process:**
The Leukemia & Lymphoma Society letter of intent deadline is **October 1, 2019**.

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

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**Grammy Museum: Grammy Museum Grants Program**

The objective of the *Grant Program* is to support organizations and individuals in their efforts to 1) research projects related to the impact of music on the human condition (i.e., *Scientific Research Projects*), and 2) advance the archiving and preservation of the music and recorded sound heritage of North America (i.e., *Archiving and Preservation Projects*).

1) **Scientific Research Projects**

Examples might include the study of the effects of music on mood, cognition and healing, as well as the medical and occupational well-being of music professionals and the creative process underlying music. Priority is given to projects with strong methodological design, as well as those addressing an important research question.

[https://www.grammymuseum.org/programs/grants-program](https://www.grammymuseum.org/programs/grants-program)
2) **Archiving and Preservation Projects**

The Archiving and Preservation area has two funding categories: 1) **Preservation Implementation**; 2) **Assistance, Assessment and/or Consultation**


**Value:**

- **Scientific Research Projects**: maximum $20,000 over 24 months
- **Archiving and Preservation Projects**
  - **Preservation Implementation**: maximum $20,000 over 24 months;
  - **Assistance, Assessment and/or Consultation**: maximum $5,000 over 24 months

**Application Process:**
The Grammy Museum letter of inquiry deadline is **October 15, 2019**.

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

**Ontario Pork: Call for Proposals**

The objective of the **Call for Proposals** is to 1) support priorities and outcomes that are responsive and receptive to the needs of pig producers in Ontario, and 2) adhere to the overarching research objective; **Test potential improvements to swine industry practices**.

All research projects that align with the overarching objective will be considered, including but not limited to:

- swine health;
- swine welfare;
- swine nutrition;
- swine husbandry;
- swine reproduction;
Seeking input, guidance and support from members of the swine industry is important for researchers to ensure 1) the project results are truly valuable to the industry, and 2) that issues with applying the research to commercial farms are not missed.

http://www.ontariopork.on.ca/Research/Call-for-Proposals

http://www.ontariopork.on.ca/Research/Call-for-Proposals

**Value:**
Applicants submit a budget.
average request: $60,000 per project over 2 years

**Application process:**
The Ontario Pork letter of intent deadline is **October 18, 2019.**

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

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**Network of Centres of Excellence in Neurodegeneration (CoEN): Pathfinder Grants 4**

A new call for **Pathfinder** projects is being launched by six of the nine CoEN members: France, Canada, Germany, Spain, Italy, UK.

The call seeks to address 1) the need for innovative research to stimulate and advance new, unconventional approaches and creative solutions to therapeutic intervention, and 2) the challenges of neurodegeneration research.

Teams will combine research strengths across CoEs in at least two partner countries to provide a true, value-added collaborative effort. Applications will connect centres with a critical mass of resources and expertise to drive a step change in neurodegeneration research.

It is expected that in addition to collaboration across CoEs, projects may also serve to provide a platform for future collaboration with industry.


**Value:**
$176,000 - $616,000 CDN for a maximum 24 months
proposals that involve clinical studies or animal models: maximum $1 million

**Application process:**
The CoEN application deadline is **November 4, 2019.**
BrightFocus Foundation: Grants

The BrightFocus Foundation has announced the following funding opportunities.

1. *Alzheimer’s Disease Research Grant*, the objective:

   . to support pioneering research leading to a greater understanding, prevention and treatment of Alzheimer's disease;
   . to support innovative approaches to better diagnose, prevent or delay the progress of the disease; and
   . to accelerate our understanding of the biological mechanisms underlying Alzheimer’s Disease, and related dementias.

   Preference is made for exciting pilot projects that would not, at their present stage, be competitive for large government or industry awards.

   [https://www.brightfocus.org/grants/request-proposal-fy20-alzheimers-disease-research-program](https://www.brightfocus.org/grants/request-proposal-fy20-alzheimers-disease-research-program) and
   [https://www.brightfocus.org/grants/types-grants](https://www.brightfocus.org/grants/types-grants)

   **Value:**
   $100,000 per year (*Standard Awards*, maximum 3 years; *Fellowship Awards*, maximum 2 years)

   **Application process:**
   The BrightFocus Foundation application deadline is **November 4, 2019**.

2. *National Glaucoma Research Grant*, the objective: a) to support exciting, new pilot projects, and b) to create tools that would benefit all investigators in the field, including animal models of disease, or cell lines.

   This *Standard Award* provides significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies

   [https://www.brightfocus.org/grants/request-proposal-fy20-national-glaucoma-research-program](https://www.brightfocus.org/grants/request-proposal-fy20-national-glaucoma-research-program) and
   [https://www.brightfocus.org/grants/types-grants](https://www.brightfocus.org/grants/types-grants)

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

   **Application process:**
   The BrightFocus Foundation application deadline is **November 8, 2019**.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Fulbright Canada, Foundation for Educational Exchange Between Canada and the United States of America: Programs for Canadian Scholars

Fulbright Canada has announced the following funding opportunities.

1. **Traditional Fulbright Scholar Award**, the objective: to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities at any university, or research center of their choice, in the United States.

While the competition is open to all disciplines, Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States, and the relationship between the two countries.

Applicants should arrange affiliation and include a letter of invitation from their preferred host institution(s).

https://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html

**Value:**
$12,500 USD for 1 semester (4 months) beginning in either September 2020 or January 2021

**Application process:**
The Fulbright Canada application deadline is **November 15, 2019**.

2. **Research Chairs Program**, the objective: to enable Canadian citizens who are exceptional scholars and/or experienced professionals, to conduct research and/or lecture, in the United States.

Fulbright Canada Research Chairs are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university.

Partner universities welcome the Fulbright Visiting Chairs into campus life and encourage them to a) engage with students, faculty, and the broader community, b) guest lecture in university courses, mentor students, lecture in public venues, network, and c) promote their research while representing the Fulbright program, their home, and host institutions.

https://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html

**Value:**
$25,000 to $50,000 USD from 4 to 9 months beginning in either September 2020 or January 2021

**Application process:**
The Fulbright Canada application deadline is **November 15, 2019**.

3. **Distinguished Visiting Research Fellow Program at SUNY Plattsburgh**: This program is open to Canadian scholars who will take up residence at the Center for the Study of Canada at SUNY Plattsburgh, for a period of
two to six weeks. While in residence, the incumbent will teach a one credit course, deliver lectures on any topic related to the research featured in their Fulbright Canada Address, and work with colleagues at SUNY Plattsburgh.


Value:
$3,500 USD plus international travel

contact: info@fulbright.ca

4. **Scholar-in-Residence Program**: This program brings visiting scholars and professionals from abroad to lecture at U.S. colleges and universities for one semester, or one academic year. Preference is given to institutions that a) infrequently or never have hosted Visiting Scholars, b) serve student populations underrepresented in international exchange programs, and/or c) are colleges and universities that are Minority Serving Institutions.

https://www.fulbright.ca/programs/canadian-scholars/scholar-in-residence.html

Value:
$2,700 USD/month plus international travel

contact: info@fulbright.ca


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

*Of interest*

**Simons Foundation Autism Research Initiative (SFARI): SFARI Viewer – an Online Platform to Visualize and Analyze SFARI Genomic Data Sets - Webinar**

A new web-based tool has been developed that makes exploring the *Simons Simplex Collection* and *Simons Foundation Powering Autism Research for Knowledge* data sets accessible to investigators interested in autism research.

review *Simons Simplex Collection (SSC)* at https://www.sfari.org/resource/simons-simplex-collection/
review *Simons Foundation Powering Autism Research for Knowledge (SPARK)* at https://www.sfari.org/resource/spark/

**Webinar**
https://www.sfari.org/event/sfari-viewer-an-online-platform-to-visualize-and-analyze-sfari-genomic-data/
Previously Announced:

Federation of Canadian Municipalities (FCM), Green Municipal Fund, Pilot Projects and Feasibility Studies

The FCM has announced the following funding opportunities.

1) **Pilot projects: Stormwater quality, municipal project**, the objective: to support initiatives that have the potential to remove 80% of total suspended solids, or a significant amount of other contaminants (e.g., E.coli, salt, grease) from a municipal facility’s stormwater runoff using a new build, or retrofit solution. Municipal facilities include roads, public spaces, wastewater treatment plants, and the lots surrounding municipal buildings. Pilot projects a) assess solutions in real-life conditions, b) evaluate either a small-scale version of a project, or a full-scale replicable version, and c) assess the initiative’s social benefits (e.g., better health for local residents, job creation, youth engagement, whether people will use it).

Pilot examples:

- Permeable pavement
- Bioretention planters
- Prevention or treatment of contaminants associated with road salt, sand
- Swales, retention ponds, infiltration techniques
- Catch basin inserts (e.g., sediment and grit-settling filters)


**Value:**
maximum $350,000 to cover a maximum 50% of eligible costs

2) **Feasibility Studies, Stormwater quality, municipal project**, the objective: a) to examine either the financial performance of environmentally proven initiatives, or the financial or environmental performance of a new initiative, and b) to help a municipality remove 80% of total suspended solids, or a significant amount of other contaminants (e.g., E.coli, salt, grease) from a private or public site’s stormwater runoff.

The study should also assess the initiative’s social benefits (e.g., better health for local residents, job creation, youth engagement, whether people will use it).

review **Study examples** at [https://fcm.ca/en/funding/gmf/study-stormwater-quality-municipal-project](https://fcm.ca/en/funding/gmf/study-stormwater-quality-municipal-project)

**Value:**
maximum $175,000 to cover a maximum 50% of eligible costs
**Application process:**
**Apply now** to the FCM. Applications are accepted year round. The offer will close when all funding has been allocated.

announcement site:  [https://fcm.ca/en/funding](https://fcm.ca/en/funding)

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

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**Marine Environmental Observation Prediction and Response Network (MEOPAR): Fathom Fund**

The Fathom Fund is a new *crowdfunding* program to fund interesting and exciting marine research in Canada.

Support is provided to 1) innovative marine research that will directly impact Canadians, 2) a wide range of researchers: new academics building their experience; non-traditional researchers with community support; students with innovative ideas; organizations with academic partners, and 3) researchers from across Canada who are motivated, energetic and interested in connecting themselves and their work to communities.

**review**  *Crowdfunding research flips science’s traditional reward model* at  [https://www.nature.com/articles/d41586-019-00104-1](https://www.nature.com/articles/d41586-019-00104-1)

**review**  *Crowdfunding scientific research: Descriptive insights and correlates of funding success*, page 1:

*Crowdfunding—an open call for money from the general public—has become an important source of funding for entrepreneurial, artistic, and social projects. More recently, scientists and policy makers have suggested that crowdfunding could also be valuable to support scientific research and some universities actively encourage their researchers to start crowdfunding campaigns.*  

announcement site:  [https://fathom.fund/](https://fathom.fund/)
 [http://meopar.ca/research/](http://meopar.ca/research/)

**Value:**
Researchers who raise 25% of their project costs through crowdfunding are eligible to receive a maximum 75% of the remaining project costs from the Fathom Fund, for 2 years.

**Application process:**
Apply **now** to MEOPAR, Fathom Fund.

**ROADS contact:**
Scott Johnston, Senior Advisor, at johnsa6@mcmaster.ca or extension 24439
Ministry of Economic Development, Job Creation and Trade (MEDJCT): Ontario Research Fund - Research Excellence (ORF-RE), Round 10

The objective of the ORF-RE is to 1) promote research excellence of strategic value to Ontario, and 2) support operational costs of new leading-edge, transformative, and internationally significant research projects.

Applications are reviewed against the following criteria:

- **Research Excellence**: scientific merit, quality of research, and expertise of the research team
- **Research Impact**: anticipated value to Ontario in the following three categories - Commercialization, Economic Benefits, Societal Benefits
- **Achieving Research Impact**: development of research talent; a clear plan for the training of highly qualified personnel
- **Project Management and Governance**: management of the project including governance structure, sustainability, budget, and milestones

All applications, including those led by McMaster and those where we partner on proposals led by other institutions, require Faculty endorsement.

https://www.ontario.ca/page/ontario-research-fund-research-excellence

review Program Guidelines and the Application at http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/FormDetail?OpenForm&ACT=RDR&TAB=PRO FILE&SRCH=1&ENV=WWE&TIT=09-0012&NO=09-0012E

Value:
The ORF-RE, Round 10 has two application funding tiers:

- **Tier 1**: (open to all disciplines) funds projects from $200,000 - $1,000,000
- **Tier 2**: (open to all disciplines) funds projects from $1,000,001 and $4,000,000

The ORF-RE will contribute a maximum of 1/3 of the total project costs, with 1/3 of the remainder coming from the applicant institution(s) and 1/3 from the private sector.

The Ministry may consider a “blended” funding formula in cases where the participating institutions and participating private sector and other partners, in combination, make up 2/3 of the required funding. This funding flexibility will be provided based on the opportunity for success and the quality of the partnership between the applicants and their partners.

Funding from research-focused charities, foundations and private philanthropists, as well as municipal and federal government contributions are considered “institutional” rather than private sector.

Application process:
The expression of interest (EOI) deadline to your Associate Dean Research and to ROADS is **June 21, 2019**. Contact Grace Kim (below) for the EOI.
The MEDJCT application deadline is September 20, 2019.

ROADS contact:
Grace Kim, Assistant Director, at kimps@mcmaster.ca or extension 24765

Ontario Ministry of Economic Development, Job Creation, and Trade (MEDJCT): Early Researcher Awards (ERA) Round 15

The objective of the ERA is to assist promising, recently-appointed Ontario researchers to build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

The ERA program encourages applications from all disciplines.

To be competitive, applicants must have a strong history of peer-reviewed funding, and must be able to demonstrate academic independence from previous supervisors.

Proposals will be evaluated on the excellence of the researcher (40%), the quality of the research (30%), the development of research talent (20%), and the strategic value for Ontario (10%).

All applicants are advised to meet with their Department Chair and Associate Dean Research to review their CV, and secure matching funds. All applications require Faculty and University endorsement.

review ERA at https://www.ontario.ca/page/early-researcher-awards#section-3
review program guidelines at https://www.ontario.ca/page/early-researcher-awards-program-guidelines

Value:
maximum $100,000 over 5 years
The funds may be used for salaries, benefits, research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

The award of $100,000 for direct costs must be matched by an additional $50,000 in cash from the researcher’s institution and/or a private or public sector partner.

Eligible sources of matching funds include:

. cash contributions from the Department or Faculty;
. university scholarships to undergraduates, graduate students and post-doctoral fellows;
. private sector cash contributions;
. public sector cash contributions, that are not among the list of ineligible sources of matching funds.

Ineligible sources of matching funds include:

. teaching assistantships;
. start-up funds from the institution intended to assist newly-appointed faculty members launch their research careers;
• awards administered by federal granting councils (e.g., Natural Sciences and Engineering Research Council (NSERC), Canadian Institutes of Health Research (CIHR), and the Social Sciences and Humanities Research Council (SSHRC);
• specific purpose grants received from Ontario government ministries and agencies and funds leveraged by such grants;
• Ontario graduate scholarships;
• Ontario graduate fellowships.

In addition, up to $40,000 will be provided by the Ministry to the institution for indirect costs.

**Application process:**
Notify your Department Chair, Associate Dean Research, and ROADS your intent to apply by **July 2, 2019**.

The draft Application is due to ROADS by **August 15, 2019**.

The MEDJCT application deadline is **October 10, 2019**.

**ROADS contact:**
Grace Kim, Assistant Director, at kimps@mcmaster.ca or extension 24765

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**Social Sciences and Humanities Research Council (SSHRC): Open Research Area, 6th Call for Proposals**

The sixth round of the *Open Research Area* (ORA) is based on an agreement among the French National Research Agency (ANR; France), the Deutsche Forschungsgemeinschaft (DFG; Germany), the Economic and Social Research Council (ESRC; UK) and the Social Sciences and Humanities Research Council (SSHRC; Canada).

The objective of the Call is to 1) fund high quality research in the countries noted above, and 2) strengthen international cooperation by funding the best joint research projects. Support is provided for integrated projects by researchers from at least three of the four subscribing countries.

There is also a special opportunity for cooperation with projects in Japan. The Japan Society for the Promotion of Science (JSPS) is offering a funding scheme to support projects that strengthen cooperation between researchers in Japan and ORA partners. review [JSPS International Joint Research Program, ORA Program](https://www.jsps.go.jp/english/e-bottom/01_d_outline.html)

Proposals may involve any discipline, thematic area, or approaches eligible for SSHRC funding. However, the disciplinary coverage varies according to the involvement of the national agencies.

review SSHRC [Subject Matter Eligibility](http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-reseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx)

Value:
Successful international teams will receive a grant from their respective national funding agencies, according to their respective policies and regulations, via the identified eligible principal investigator.

Canadian applicants may request up to $135,000 per year for a maximum $400,000 over 2 - 3 years.

Application process:
The Call will follow a two-stage procedure consisting of an outline Proposal and an invited full Proposal.

The ESRC is the coordinating agency for this round. All proposals will be submitted through the ESRC’s Joint Electronic Submissions system (Je-S).


Request documents in French at paula.popovici@sshrc-crsh.gc.ca.

For detailed guidance on how to submit proposals, refer to the ORA Six Call Je-S Guidance for Applicants at https://esrc.ukri.org/files/funding/funding-opportunities/ora-sixth-call-je-s-guidance/.

Notify ROADS of intent to apply by July 17, 2019.

The initial draft of the outline Proposal is due to ROADS by August 21, 2019.
The final draft, and a completed and signed Application Approval Form are due to ROADS by September 4, 2019.

The ESRC outline proposal deadline is September 11, 2019, 4:00 pm Greenwich Mean Time (11:00 am eastern).

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

Social Sciences and Humanities Research Council, Canadian Institutes of Health Research, Natural Sciences and Engineering Research Council in collaboration with UK Research and Innovation: Canada-UK Artificial Intelligence Initiative

The Canada-UK Artificial Intelligence Initiative is offered by three Canadian federal research funding agencies, in collaboration with the UK Research and Innovation (UKRI) four research councils:

- Arts and Humanities Research Council
- Economic and Social Research Council (ESRC is coordinating this initiative)
- Engineering and Physical Sciences Research Council
- Medical Research Council
review UKRI at https://www.ukri.org/

The objective of this initiative is to

1. support innovative and cutting-edge interdisciplinary AI research;
2. encourage the exploration of new interdisciplinary research methodologies, approaches and tools that cut across at least two research domains (i.e., social sciences and humanities, health and biomedical sciences, natural sciences and engineering including computational and/or mathematical sciences);
3. establish new partnerships, enhance infrastructure and training between researchers in Canada and the UK;
4. build competitive and resilient economies and maximize social and health benefits.

Proposals may involve any disciplines.

The call promotes the development of responsible AI through research that includes:

- considerations of social-cultural variables (gender, racialised identity, socio-economic status, ability, etc.);
- biological variables (sex) and sustainable development in the research design to a) ensure the benefits of AI technologies/tools are shared broadly across society, b) mitigate against potential harms, and c) enhance the trustworthiness of AI.

The composition of the international team must reflect interdisciplinarity, and at a minimum include a Principal Investigator (PI) in the UK and a PI in Canada, from different research domains.


**Value:**
Canadian funding agencies, Canadian component: maximum $173,333 per year for 3 years
Approximately 10 projects will be funded.

**Application process:**

Notify ROADS of intent to apply by **July 18, 2019**.

All applicants must submit a compulsory short Intention to Submit (ItS). The draft ItS is due to ROADS by **August 12, 2019**.

The ItS must be submitted by the PI based in the UK (on behalf of both the UK and Canadian applicants). The PI based in Canada is not required to submit an ItS to the Canadian agencies.

The ItS must be submitted to the ESRC by 23:00 British Summer Time (BST) and 6:00pm Eastern Standard Time (EST) on **August 19, 2019**.

The initial draft of the Application is due to ROADS by **August 22, 2019**.

The final draft, and a completed and signed Application Approval Form are due to ROADS by **September 5, 2019**.

The ESRC application deadline is **September 12, 2019**, 16:00pm British Summer Time (BST) (11:00am eastern).
ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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

The objective of the **Partnership Engage Grant** is to 1) provide short-term, timely support for small-scale, stakeholder-driven, partnered research activities that will inform decision-making at a single partner organization (i.e., public, private, not-for-profit, non-academic sectors), and 2) respond to immediate needs and time constraints facing organizations.

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

SSHRC welcomes applications involving Indigenous research, as well as those involving research creation.


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

**Application process:**
Notify ROADS of intent to apply by **July 22, 2019**.

The initial draft of the Application and Letters of Support are due to ROADS by **August 26, 2019**. The final draft, and a completed and signed Application Approval Form are due to ROADS by **September 9, 2019**.

The SSHRC application deadline is **September 16, 2019**.

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

**CANARIE: Call for Participation in the Joint Security Project**

CANARIE is an ultra-high-speed network that:

. connects Canada’s researchers, educators and innovators to each other;
. connects global data and technology;
funds and promotes reusable research software tools and national research data management initiatives; and offers advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

Call for Participation in the Joint Security Project
Building upon the successful collaborations resulting from a pilot of the Joint Security Project (JSP), the Call will continue the development of a community of Security Specialists.

The JSP will provide eligible participants with a cybersecurity monitoring system to collect networking data. Institutional Security Specialists will have access to aggregation and analysis tools, cybersecurity training with other JSP participants, and collaboration opportunities with peers and cybersecurity experts.

Through collaboration and agreement, participants will define which networking data to share. Jointly shared data will provide both institution-level and JSP-wide cybersecurity analytics to all participants.

review Participation Obligations at https://www.canarie.ca/network/cybersecurity-initiatives/JSP-Call2/?utm_source=Cyberimpact&utm_medium=email&utm_campaign=CANARIE-JSP-July30

Webinars
CANARIE will host two information webinars with time for questions from attendees.

- **August 19, 2019;** 1:00pm (EDT)
  register: canarie.ca/jspwebinar1

- **August 20, 2019;** 1:00pm
  register: canarie.ca/jspwebinar2

**Value:**
request Participation Funding: $15,000 to enable a technical staff member to collaborate in the project

**Application process:**
The CANARIE application deadline is **September 9, 2019.**

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

Government of Canada, Canadian Environmental Assessment Agency: Development of a Ministerial Order for the new Impact Assessment System


The Canadian Environmental Assessment Agency is seeking public comments on a consultation paper on a Ministerial Order, that sets out the classes of projects on federal lands and outside Canada, that will cause only insignificant adverse environmental effects. An authority seeking to carry out a project, that is part of one of these classes of projects, would not be subject to the Impact Assessment Act provisions for projects on federal lands and outside Canada.
Review the consultation paper available below and provide feedback through comments and submissions until August 21, 2019. The feedback received will help inform the development of the final Ministerial Order.


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**Canadian Institutes of Health Research (CIHR): CIHR Project Grant: Fall 2019, Webinars**

CIHR, Project Grant: Fall 2019 - Q&A Webinars beginning August 7, 2019

*Project Grant:*  https://www.researchnet-recherchenet.ca/rnr16/vwOpprntyDtls.do?prog=3117&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&all=1&masterList=true

Each webinar will begin with a brief overview, key updates, points of interest, and a dedicated time for Q&A by CIHR staff. Participants are asked to review the materials listed below, in advance of the webinar, to ensure everyone’s experience is as productive as possible.

Registration is required to participate.

CIHR’s webinars are conducted on the WebEx web conferencing platform. To register, select the session you would like to attend. A confirmation email will be sent to you with all the information required to join the session, including a direct link to the session and the session password.

**English session**
- Wednesday, August 28, 2019 (1:00-2:00pm)

**French session**
- Tuesday, August 28, 2019 (11:00am-2:00pm)

CIHR Webinars  http://www.cihr-irsc.gc.ca/e/45096.html

**Reference Materials**
These reference materials are core resources to read:

- Funding opportunity
- Project Grant Program
- Priority Announcements FAQ
- Project Grant Registration Instructions
- Project Grant Application Instructions
- Peer Review Manual – Project
- Learning for Applicants
WebEx Technical Notes

Ensure that:

1. You have access to a computer with speakers in order to hear the presenters. A microphone is not necessary as a chat feature will enable you to provide written comments and/or questions during the session.

2. You test your computer for its ability to join the WebEx session, which may be through Java or a temporary WebEx application.

CIHR webinar support, support@cihr-irsc.gc.ca.

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

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

The objective of the Partnership Development Grant is to provide support in the social sciences and humanities to form formal partnerships to:

1. develop research and/or related activities, move available knowledge into active use, involve students and emerging scholars to foster new partnerships with existing and/or potential partners; or

2. design and test new partnership approaches for research and/or related activities that may result in best practices or models, that either can be adapted by others, or have the potential to be scaled up to a regional, national or international level.

SSHRC defines a formal partnership as a bilateral or multilateral formal collaboration agreement between an applicant and one or more partner organizations, of which at least one must be a Canadian postsecondary institution and at least one must be different from the institution or organization that will administer the grant funds.

Partnerships may be between academic institutions, or between one or more academic institutions and one or more non-academic partner organizations.


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-reenseignements/choisir_organisme_subventionnaire-eng.aspx

SSHRC invites all applicants to review Imagining Canada’s Future 16 future global challenges, and to consider addressing one or more of these areas in their research proposal.


**Value:**
$75,000 - $200,000 over 1 – 3 years

**Institutional and partner organization contributions**

Applicants are expected to include a plan to seek and secure cash and/or in-kind support for the life of the grant. While there is no minimum contribution requirement, institutions and their partner organizations are expected to demonstrate that a formal partnership currently exists, or is in the process of being developed, by supporting the activities through cash and/or in-kind contributions. review *Guidelines for Cash and In-Kind Contributions* at http://www.sshrc-crsh.gc.ca/funding-financement/policies-politiques/cash_inkind-especes_en_nature-eng.aspx

**Application process:**
Notify ROADS of intent to apply by **August 30, 2019**.
The initial draft of the application is due to ROADS by **October 16, 2019**.
The final draft and signed Application Approval Form are due to ROADS by **November 8, 2019**.
The SSHRC application deadline is **November 15, 2019**.

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

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**Heart & Stroke Foundation: Grant**

The Heart & Stroke Foundation has announced the following funding opportunity:

*Personnel Award Programs*

*National New Investigator (NNI)*, the objective: to provide salary support to individuals who have clearly demonstrated excellence during their doctoral and post-doctoral training in cardiovascular or cerebrovascular research.

*Seed/Catalyst Grant Program*, the objective: to provide funding support to NNI applicants to conduct research to lay the groundwork for a new grant application. The Seed/Catalyst Grants offer new investigators the opportunity to a) explore new and innovative ideas with high potential to create impact, and b) support knowledge translation and implementation of knowledge into practice.

All applicants are required to integrate sex and gender-based analysis in their research design. Applicants must also complete one of three online training modules of their choice offered by the CIHR Institute of Gender and Health, and obtain a Certificate of Completion. review *Online Training Modules: Integrating Sex & Gender in Health Research* at http://www.cihr-irsc.gc.ca/e/49347.html
The Certificate of Completion must be submitted with the application.

There are two funding envelopes:

- **Seed/Catalyst Grant for Improving Heart and Brain Health for Women or Indigenous Women in Canada**
  
  **Value:**
  maximum $50,000 per year for a maximum 2 years

- **Seed/Catalyst Grant for Long-Term Commitment to Cardiovascular and Cerebrovascular Disease (CCVD)**
  
  **Value:**
  maximum $50,000 per year for a maximum 2 years


**Application process:**
The Heart & Stroke Foundation application deadline is **September 5, 2019**.

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

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**The Ontario HIV Treatment Network (OHTN), Endgame Funding Program: Community-Based Research and Evaluation (CBR&E) Awards**

The objective of the CBR & E Fund is to assist communities by supporting 1) the production and discovery of knowledge through community-based research, and 2) the use of evidence to drive programming through participatory program evaluation.

The OHTN is committed to funding scientifically rigorous, community relevant research that will have a short-to medium-term impact on those most affected by HIV in Ontario:

- people living with HIV/AIDS;
- gay men and other men who have sex with men including gay, bi, and queer trans men, youth and newcomers;
- African, Caribbean and Black men and women, including youth;
- Aboriginal men and women, including youth;
- men and women who use drugs;
- women, including trans women who are at risk (e.g., have unprotected sex or share drug equipment with people from the populations listed above).

The CBR & E Fund will provide grant support to eligible community-initiated HIV research and evaluation projects that a) explore questions of importance to community-based organizations, and b) have the potential to have a meaningful impact on those most affected by HIV in Ontario, in the next 2-5 years.
The research question is:

- identified by the community;
- consistent with OHTN strategy (review the Strategic Plan to 2026: HIV Endgame at http://www.ohtn.on.ca/about/strategic-plan/);
- relevant to one or more Ontario populations most affected by HIV;
- will enhance HIV programs and evaluate the structure and effectiveness of HIV programs;
- demonstrates ability to partner/collaborate with other stakeholders.


Value:
$25,000 - $50,000 for 1 year

Application process:
The OHTN application deadlines are September 6, December 6, 2019.

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

Juvenile Diabetes Research Foundation International in partnership with the Lupus Research Alliance and the National Multiple Sclerosis Society: Decoding Immune Mediated Diseases – Novel Approaches for Therapeutic Insights

The study
The incomplete knowledge of immune networks, pathways, disease pathogenesis and heterogeneity, across multiple autoimmune diseases, remains a challenge towards achieving optimal therapies to effectively treat all subjects in a given indication.

The objective of this funding opportunity is to 1) invite innovative ideas that address needs across multiple autoimmune diseases, 2) stimulate new research on common mechanisms of autoimmunity, and 3) generate new insights for novel therapeutic approaches.

Applications must address one or more of the following autoimmune diseases: Type 1 Diabetes, Systemic Lupus Erythematosus, and Multiple Sclerosis.


Value:

- Strategic Research Agreement: maximum $750,000 USD (including 10% indirect costs) for a maximum 3 years
. **Pilot & Feasibility:** Pilot & Feasibility projects with potential to evolve to larger efforts are encouraged. maximum $200,000 USD (including 10% indirect costs) for a maximum 2 years

**Application process:**
The Juvenile Diabetes Research Foundation International letter of intent deadline is **September 9, 2019.**

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

**National Multiple Sclerosis Society: Grants**
The National Multiple Sclerosis Society has announced the following funding opportunity:

*Patient Management, Care and Rehabilitation Research Grants*, the objective: to support research projects dealing with psychosocial issues, management of symptoms, care and rehabilitation, bioengineering, and other topics related to improving the quality of life for people with MS. The emphasis of proposals in these areas should be the development of new techniques or principles, rather than minor improvements of existing techniques.

Depending on the scope of the proposed project, applicants for Patient Management, Care and Rehabilitation support should apply for either a regular **Research Grant** (above) or a **Pilot Research Grant**.

**Pilot Research Grant:** The Society funds high-risk pilot grants to quickly test novel, innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding. review **Research Priorities** at https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Funding-Principles-and-Priorities

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

https://www.nationalmssociety.org/NationalMSSociety/media/MSNationalFiles/Brochures/Policies_and_Procedures_Research_Funding_Programs_and_Awards.pdf

**NEW Request for Applications:** **Pilot Research Award on the effects of aging on MS**, the objective: a) to advance the understanding of how aging contributes to the pathogenesis and natural history of MS progression, b) to use the knowledge to reveal potential targets, and c) to develop strategies that slow down or stop disability progression.


**Of interest**

**Making Minorities a Priority in Research Recruitment**

Racial and ethnic minorities are underrepresented in MS research, resulting in a lack of evidence of their disease
characteristics and optimal treatment. Researchers can play a vital role in correcting this imbalance by working to include members of minority groups in the studies they conduct or support.

*Use this toolkit*, the objective: a) to provide information on what is currently known about MS in different racial and ethnic minorities, b) to aid researchers to reach out to communities, and c) to work with minority groups in ways that are culturally appropriate, effective, and mutually beneficial.

review **Toolkit** at

review **Suggested Practices for Successful Recruiting** at

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

**Application process:**
The National Multiple Sclerosis Society pre-application deadline is **September 9, 2019**. The application deadline is **September 11, 2019**.

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

**Brain & Behavior Research Foundation: Meet the Scientist Webinars**

*Choline: A New Prenatal Supplement to Improve a Child’s Mental Health*
**September 10, 2019;** 2:00-3:00pm EST

register at https://www.bbrfoundation.org/event/choline-new-prenatal-supplement-improve-childs-mental-health?utm_source=eNews+List&utm_campaign=8512e663af-eNews-7-3-2019&utm_medium=email&utm_term=0_fb7d503c0e-8512e663af-159700053&goal=0_fb7d503c0e-8512e663af-159700053

**The Michael J. Fox Foundation (MJFF): Therapeutic Pipeline Program**
The objective of this program is to support the development of Parkinson’s disease therapeutics with potential for fundamentally altering disease course and/or significantly improving treatment, or management of symptoms, beyond current standards of care.

Programs developing novel approaches, as well as approved or clinically safe repurposed or repurposed therapies from other disease indications, are appropriate.
All applications must address one of the following treatment challenges:

- Protection or restoration of degenerating and/or dysfunctional neurons affected in Parkinson’s.
- Alleviation of disabling motor or non-motor symptoms of Parkinson’s not well managed by current treatments.
- Reduction of complications and side effects of current Parkinson’s treatments.

The following treatment approaches are of interest:

- Pharmacological
- Biological
- Gene therapy
- Surgical
- Non-invasive/non-pharmaceutical

For this cycle, the MJFF is particularly interested in assessing opportunities for utilizing antisense strategies as novel treatments for Parkinson’s disease.

https://www.michaeljfox.org/grant/therapeutic-pipeline-program-0

Webinar
September 12, 2019; 12:00-1:00pm (ET)
register: https://www.michaeljfox.org/webinar/mjf-funding-opportunities-spring-2020

Value:
maximum $500,000 for preclinical programs over 1-2 years

The MJFF may not be able to support all costs for a proposed therapeutic development plan. Applicants are encouraged to leverage additional sources of funding and resources.
For academic institutions no more than 25% may go to indirect costs.

Application process:
The MJFF pre-proposal deadline is September 24, 2019.

Of interest:
review Use of Parkinson’s Disease Biosamples at https://www.michaeljfox.org/grant/use-parkinsons-disease-biosamples

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

Canadian Allergy, Asthma, and Immunology Foundation (CAAIF): Research Grant for New Investigators

The objective of the Research Grant is to support fellows or new investigators who are studying or practicing allergy and clinical immunology.
The research project can be in progress and must have clinical relevance.

https://docs.wixstatic.com/ugd/36acda_2782bd1de48b46c9830b23e39deeb7bd.pdf and https://www.allergyfoundation.ca/applications

Value: maximum $10,000 for 1 year

Application process: The CAAIF application deadline is September 13, 2019.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Chronic Pain Management Research Program (CPMRP): Grants

The DoD CPMRP has announced the following funding opportunities.

1. **Investigator-Initiated Research Award**, the objective: to support studies that have the potential to make significant advances in research, patient care, and/or quality of life in the Focus Area; Chronification of Pain. review **Focus Areas**, page 3, at https://cdmrp.army.mil/funding/pa/FY19-CPMRP-IIRA.pdf

The CPMRP seeks to prevent the manifestation of chronic pain and reduce the population requiring pain management interventions. Investigator-Initiated Research Award applications may involve any phase of basic, translational and clinically oriented research including studies in animal models, research with human anatomical substances, research with human subjects, as well as ancillary studies associated with an existing clinical trial. Multidisciplinary collaborations and innovative approaches are encouraged.

Value: maximum $900,000 over 4 years

2. **Translational Research Award**, the objective: to support translational research that will accelerate evidence-based ideas in chronic pain management research into clinical applications, including healthcare products, technologies, and/or clinical practice guidelines.

Translational Research Award applications should explain how the proposed work will inform the development, refinement, and/or revision of existing standards of care, recommendations, or guidelines for managing chronic pain. review **Focus Areas**, pages 3-4 at https://cdmrp.army.mil/funding/pa/FY19-CPMRP-TRA.pdf review **The critical components of this award**, page 4 at https://cdmrp.army.mil/funding/pa/FY19-CPMRP-TRA.pdf
Value:
maximum $1.40 million over 4 years

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

Application process:
The DoD pre-application deadline is September 13, 2019.

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

Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): Winter 2020 Pilot Award

The objective of the Pilot Award is to provide early support for 1) exploratory ideas particularly those with novel hypotheses for autism, 2) projects considered higher risk with less assurance of ultimate impact, however, have potential for transformative results, and 3) applications that propose research to link genetic or other autistic spectrum disorder (ASD) risk factors to molecular, cellular, circuit, or behavioral mechanisms of ASD.

Investigators new to the field of autism are encouraged to apply.

https://www.sfari.org/grant/pilot-awards-request-for-applications/?tab=awardees

Value:
maximum $300,000 including 20% indirect costs over a maximum 2 years

Application process:
The Simons Foundation application deadline is September 13, 2019.

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

Hamilton Community Foundation: Edith H. Turner Foundation Fund

The objective of the Edith H. Turner Foundation Fund is to 1) assist evidence-informed programs and services designed to support children/youth, families and adults who are experiencing marginalization, and 2) provide funds in the fields of education, health, humanities and social development in Hamilton.

review Program Areas at https://www.hamiltoncommunityfoundation.ca/grants/grant/1501-2/

Value:
$2,000 - $25,000 for 1 year

Application process:
The Hamilton Community Foundation application deadline is September 13, 2019.
Schneider Electric and Powerhouse: 4D Challenge

The objective of the 4D Challenge is to 1) propose software and/or hardware solutions for the clean energy industry, and 2) include a business model and go-to-market strategy that covers targeted markets and customers.

Submissions should focus on the following categories:

- Decarbonize
- Decentralize
- Digitize
- Democratize

review Challenge details and Timeline at https://powerhouse.fund/#details

Teams of 1 to 5 people may submit an application and a 2-page proposal outlining their idea.

https://powerhouse.fund/schneider-competition

Value:
The top team will receive $25,000 in non-dilutive funding and will be accepted into the Schneider Electric Incubation Program. The Program, which may be completed remotely, provides access to expert mentorship, strategic connections and consideration for $1-3 million in seed funding.

review Incubation Program at https://powerhouse.fund/incubationprogram

Up to 4 additional teams will be considered for $25,000 in non-dilutive funding and acceptance into the incubation program.

Application process:
The 4D Challenge, Phase I: Submission application and proposal deadline is September 15, 2019.

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

American Foundation for Suicide Prevention (AFSP): Grants

All AFSP research grants are designed to support research on suicide from a variety of disciplines including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, health services administration, social work, and many others.

The grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.

The American Foundation for Suicide Prevention has announced the following funding opportunities.
Innovation Grants

a) **Linked Standard Research Innovation Grants**, the objective: to encourage implementation of a common grant protocol at two or more institutions, with each institution making a unique and significant research contribution.

The applicants must provide a compelling rationale for the linked grant (more than availability of a larger sample size), designate who will be responsible for the overall conduct and quality control of the study, designate who will be responsible for the data analyses, and discuss how the work at the various sites will be coordinated.

The investigators are at any level.

https://afsp.org/our-work/research/grant-information/

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

**Application process:**
The AFSP letter of intent deadline is **September 15, 2019**.

b) **Distinguished Investigator Grants**, the objective: to support research on suicide from a variety of disciplines including psychiatry, medicine, psychology, genetics, epidemiology, neurobiology, sociology, nursing, social work, health services administration, and many others. Grants are awarded to investigators at the level of associate professor or higher with an established record of research and publication on suicide.

https://afsp.org/our-work/research/grant-information/

**Value:**
$62,500 per year for 2 years

**Application process:**
The AFSP application deadline is **November 15, 2019**.

c) **Standard Research Grants**, the objective: noted above
Grants are awarded to individual investigators at any level.

https://afsp.org/our-work/research/grant-information/

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

**Application process:**
The AFSP application deadline is **November 15, 2019**.
d) **Pilot Research Grants**, the objective: to provide seed funding for new projects that have the potential to lead to larger investigations. The grants typically entail feasibility studies rather than hypothesis-driven research. Examples include manual development and new biomarker development.

Grants are awarded to investigators at any level.

https://afsp.org/our-work/research/grant-information/

**Value:**
up to $15,000 per year for a 2 year period, or $30,000 for 1 year

**Application process:**
The AFSP application deadline is **November 15, 2019**.

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

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**Graham Foundation: Grants to Individuals**

The Graham Foundation supports innovative, thought-provoking investigations in:

- architecture and design;
- architectural history, theory and criticism;
- engineering;
- landscape architecture;
- urban planning;
- urban studies;
- visual arts; and
- related fields of inquiry.

The Foundation’s interest also extends to work being done in the fine arts, humanities, and sciences that expand the boundaries of architecture and space.

**Grants to Individuals:**

- provide opportunities to create, develop and communicate a project that will contribute to creative, intellectual and professional growth;
- support the effort to take positions, develop new forms of expression, and engage debate;
- help communicate the work in the public realm and reach new and wider audiences;
- support new voices by giving priority to first-time applicants.

review **Priorities and Criteria** at [http://www.grahamfoundation.org/grant_programs?mode=individual](http://www.grahamfoundation.org/grant_programs?mode=individual)

The Foundation offers two types of grants:

1. **Research and Development**, the objective: to assist individuals with seed money for research-related
expenses (e.g., travel, documentation, materials, supplies, other development costs). All projects must have clearly defined goals, work plans, and budgets. A recipient of a Research and Development Grant is eligible to apply for a Production and Presentation Grant for the same project, once the first grant has been satisfied. However, future funding is not guaranteed.

http://www.grahamfoundation.org/grant_programs?mode=individual

Value:
magnitude $10,000 for 1 year

2. Production and Presentation, the objective: to assist individuals with the production-related expenses to take a project from conceptualization to realization and public presentation. The projects include but are not limited to, publications, exhibitions, installations, films, and new media projects. All projects must have clearly defined goals, work plans, budgets, production and dissemination plans.

http://www.grahamfoundation.org/grant_programs?mode=individual

Value:
magnitude $20,000 over 2 years

Application process:
The Graham Foundation Inquiry Form is available July 15, 2019. The inquiry form deadline is September 15, 2019.

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

Unitarian Universalist Association: Unitarian Universalist Funding Program

The objective of the Fund for Unitarian Universalism is to provide grants for projects that:

- support the work of social justice;
- grow and strengthen Unitarian Universalist institutions and community life;
- nurture and celebrate liberal religious heritage;
- make Unitarian Universalism more visible in the world;
- encourage a generosity of spirit among Unitarian Universalists that is reflected in commitments of time, money and energy.

review Sample Grants at https://www.uufunding.org/previous-grants-by-grant-year.html

https://www.uufunding.org/fund-for-unitarian-universalism.html

Value:
magnitude $20,000 for 1 year
The average grant is $8,000.

Application process:
The Unitarian Universalist Association application deadline is September 16, 2019.
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Kidney Cancer Research Program (KCRP): Academy of Kidney Cancer Investigators – Early Career Investigator Award

This Program Announcement is soliciting Early Career Investigators (ECIs) and Designated Mentors to join the inaugural class for the Academy of Kidney Cancer Investigators (AKCI).

The AKCI will be a virtual career development and research training platform that will consist of ECI/Designated Mentor pairs, from different institutions, and an Academy Dean. The overarching goal of the AKCI is to develop successful, highly productive kidney cancer researchers in a collaborative research and career development environment.

The objective of the Early Career Investigator Award is to support a unique, interactive, virtual academy providing intensive mentoring, national networking, collaborations, and a peer group for junior faculty emerging as potential leaders of kidney cancer investigation. Research projects may be basic, translational, and/or clinical research. (review ECI eligibility, page 7 at https://cdmrp.army.mil/funding/pa/FY19-KCRP-AKCIECIA.pdf)

In addition to fostering ECI scientific development, the Academy and the Academy Dean will provide for professional and leadership development of the ECIs to include skills and competencies needed to fund and manage a productive laboratory, or research team.

The ECI is expected to participate in monthly webinars, annual workshops and to communicate and collaborate with other members of the Academy (other ECIs, Mentors, Dean), as well as with the advocacy community.

A separate funding opportunity will solicit applications for the Academy Dean. review: Academy of Kidney Cancer Investigators – Dean Award at https://cdmrp.army.mil/funding/pa/FY19-KCRP-AKCIDA.pdf


Value:
maximum $725,000 for a maximum 4 years
The maximum allowable funding for the Designated Mentor is $30,000 per year in direct costs.

Application process:
The DoD pre-application deadline is September 17, 2019. The application deadline is October 1, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Kidney Cancer Research Program (KCRP): Grants

The DoD KCRP has announced the following funding opportunities:

1. **Concept Award**, the objective: to support new, highly innovative, untested, potentially groundbreaking novel concepts in kidney cancer. The award allows Principal Investigators (PI) the opportunity to pursue serendipitous observations. Applications must describe how the new idea will enhance the existing knowledge of kidney cancer, or develop an innovative and novel course of investigation. Research completed through a Concept Award may generate sufficient preliminary data to enable the PI to prepare an application for future research.

A Congressionally mandated Metastatic Cancer Task Force was formed with the purpose of identifying ways to help accelerate clinical and translational research, aimed at extending the lives of advanced state and recurrent patients.

[review](https://health.mil/Reference-Center/Congressional-Testimonies/2018/05/03/Metastatic-Cancer-Research)


**Value:**
maximum $75,000 for 1 year

2. **Idea Development Award**, the objective: to support innovative ideas and high-impact approaches, based on scientifically sound evidence, to move toward the KCRP vision of eliminating kidney cancer. The research project should include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach, relevant to active duty Service members, Veterans, other military beneficiaries and the American public.

[review](https://cdmrp.army.mil/funding/pa/FY19-KCRP-IDA.pdf)


**Value:**
maximum $400,000 over a maximum 2 years

3. **Translational Research Partnership Award**, the objective: to support partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in kidney cancer toward clinical applications. The award supports the development of translational research collaborations between two independent, faculty-level (or equivalent) investigators to address a central problem or question in kidney cancer. Inclusion of experts from outside the kidney cancer field is encouraged.

Observations that drive a research idea may be derived from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patients and anecdotal data.

Applicants are strongly urged to read and consider the **KCRP Strategic Plan** before preparing their applications.

[review](https://cdmrp.army.mil/kcrp/pdfs/KCRP%20Strategic%20Plan.pdf)

A Congressionally mandated Metastatic Cancer Task Force was formed with the purpose of identifying ways to help accelerate clinical and translational research, aimed at extending the lives of advanced state and recurrent patients.
review [https://health.mil/Reference-Center/Congressional-Testimonies/2018/05/03/Metastatic-Cancer-Research](https://health.mil/Reference-Center/Congressional-Testimonies/2018/05/03/Metastatic-Cancer-Research)


**Value:**
maximum $600,000 over a maximum 3 years

announcement site: [https://cdmrp.army.mil/funding/kcrp](https://cdmrp.army.mil/funding/kcrp)

**Application process:**
The DoD pre-application deadline is **September 17, 2019**. The application deadline is **October 1, 2019**.

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

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**Canada Council for the Arts, Digital Strategy Fund, Digital Literacy and Intelligence:**
**Single-phase Initiatives**

The objective of the Digital Strategy Fund is to support the arts sector in building digital knowledge, skills and capacity. The Fund supports Canadian artists, groups, and arts organizations in their efforts to:

. respond more effectively to the challenges, issues, and opportunities of the digital era;
. develop and broaden their strategic digital thinking;
. strengthen their ability to translate that thinking into sustainable, concrete actions.

The Fund supports both small-scale activities with short timelines, and longer-term complex initiatives. Eligible activities include, but are not limited to initiatives that:

1. research and experiment with digital technologies and innovative approaches to problem solving, in order to build strategic digital knowledge and capacity (e.g., design thinking activities, coaching approaches, conducting studies and strategic foresight, etc.);

2. build strategic digital knowledge and capacity in identifying and understanding the challenges, issues and opportunities of the digital environment (e.g., group training on strategic issues, workshops, webinars, hackathons, digital strategic plans);

3. gather and connect with people within or beyond the arts sector to discuss these challenges, issues and opportunities, in order to foster collaboration and networking (e.g., organizing symposia, forums, conferences).

Applicants may now request a grant for a **Single-phase Initiative**.

Value:

$1,000 - $250,000
  - for requests up to $50,000: 85% of eligible costs
  - for requests of $50,001 - $250,000: 85% of eligible costs

Application process:

The Canada Council for the Arts has scheduled the following deadlines:

  - requests up to $50,000: may apply anytime
  - requests of $50,001 - $250,000: application deadline September 18, 2019

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Grant

The DoD has announced the following funding opportunity:

*Prevention Research to Reduce Sexual Assault and/or Understand Adjustment Disorders Investigator-Initiated Focused Research Award (PSAAD-IIFRA)*, the objective: to support research focused on 1) the development or adaptation of prevention efforts to reduce the occurrence of sexual assault and/or harassment, and/or 2) understanding the diagnosis, assessment, and screening of adjustment disorders as a consequence of sexual assault, and/or 3) stressors that precipitate adjustment disorders.


The application must clearly demonstrate the:

  - project’s potential for immediate and long-range outcome(s);
  - the potential to yield highly impactful data that are of clear scientific merit;
  - the potential to lead to critical discoveries and/or major advancements and not be limited to a clinical setting (i.e., a behavioral health clinic, etc.).

The rationale for a research idea may be derived from population-based studies, a clinician’s first-hand knowledge of patients, or anecdotal data. The data may be unpublished or from published literature.

announcement site: [https://cdmrp.army.mil/funding/phtbi](https://cdmrp.army.mil/funding/phtbi)

Value:
maximum $750,000 over a maximum 3 years

Application process:
The DoD pre-application deadline is September 19, 2019. The application deadline is October 3, 2019.
ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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

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

The objective 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; https://www.clsa-elcv.ca/data-access/data-access-application-process

MIRA members are eligible for support in accessing CLSA data; a national database tracking 50,000 Canadians aged 45 to 85 over a period of 20 years.
https://mira.mcmaster.ca/about/get-involved

MIRA funds will be allocated only to projects that do not have any other funding for this purpose.

announcement site: https://mira.mcmaster.ca/research/funding-opportunities

Value:
MIRA can support access fees ($3,000) for up to 10 CLSA data applications.

Application process:
Data access applications are accepted three times per year.
The MIRA application deadline is September 23, 2019.

Contact:
Researchers should notify by email, Audrey Patocs, Research Coordinator, at patocsae@mcmaster.ca, prior to applying for CLSA data access.

Simons Foundation, Mathematics and Physical Sciences: Funding Opportunities

The Simons Foundation, the division of Mathematics and Physical Sciences is accepting applications for the following programs.

1. Targeted Grants to Institutes, the objective: to support established institutes or centers in mathematics, theoretical physics, and theoretical computer science through funding to help strengthen contacts within the international scientific community.
https://www.simonsfoundation.org/grant/targeted-grants-to-institutes/

Value:
maximum $200,000 per year, which includes 20% per year in indirect costs to the institution, for a maximum 5 years
There are no restrictions on salary support. Travel expenses are not capped at $4,000 per year per individual.
Application process:
The Simons Foundation application deadline is September 25, 2019.

2. Simons Fellows in Mathematics and Theoretical Physics, the objective: to support sabbatical-eligible faculty who wish to use the Fellowship to extend a single term sabbatical to a full academic year.

Awards will be based on the applicant’s scientific accomplishments in the five-year period preceding the application, and on the potential scientific impact of the work to be done during the leave period.

Simons Fellowship in Mathematics, review Eligibility at https://www.simonsfoundation.org/grant/simons-fellows-in-mathematics/?tab=rfa

Simons Fellowship in Theoretical Physics, review Eligibility at https://www.simonsfoundation.org/grant/simons-fellows-in-theoretical-physics/?tab=rfa

https://www.simonsfoundation.org/mathematics-physical-sciences/simons-fellows/

Value:
A Simons Fellowship in Mathematics provides salary replacement for up to 50% (up to a maximum $100,000) of the Fellow’s current academic-year salary, whether normally paid over 9 or 12 months, and up to $10,000 for expenses related to the leave. The Fellow’s home institution will receive an additional 20% overhead on allowable expenses. The Foundation’s indirect cost policy allows up to 20% of direct cost expenditures.

A Simons Fellowship in Theoretical Physics provides salary replacement for up to 50% (up to a maximum $100,000) of the Fellow’s current academic-year salary, whether normally paid over 9 or 12 months, and up to $25,000 for expenses related to the leave. The Fellow’s home institution will receive an additional 20% overhead on allowable expenses. The Foundation’s indirect cost policy allows up to 20% of direct cost expenditures.

Application process:
The Simons Foundation application deadline is September 26, 2019.

3. Simons Collaborations in Mathematics and the Physical Sciences, the objective: to stimulate progress on fundamental scientific questions of major importance in mathematics, theoretical physics, and theoretical computer science.

The collaboration should address a mathematical or theoretical topic of fundamental scientific importance where a significant, new development creates a novel area for exploration, or provides a new direction for progress in an established field.

The questions addressed by the collaboration may be concrete or conceptual. The answers must constitute a major scientific milestone. The support from the Foundation should be seen as critical for the objectives of the project.

The project should involve outstanding researchers in a range of career stages. Excellence of the scientific leadership is one of the main criteria in the selection process.
Value:
Applicants provide a detailed, four year budget review Level and Duration of Funding, and Allowable Expenses at https://www.simonsfoundation.org/grant/simons-collaborations-in-mathematics-and-the-physical-sciences/

Application process:
The Simons Foundation letter of intent deadline is October 3, 2019.

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

Mind & Life Institute

The Mind & Life Institute has announced the following funding opportunity:

Francisco J. Varela Research Grants for Contemplative Research, the objective: to fund scientific and scholarly examinations of contemplative techniques, that provide greater insight into the mechanisms of contemplative practice and its application for reducing human suffering.

Proposals are encouraged across broad domains, including:

- cognitive science;
- clinical psychology;
- education;
- anthropology;
- neuroscience;
- health/medical;
- social science;
- humanities.

Preference is given to interdisciplinary proposals that incorporate first-person, contemplative methods (e.g., introspective investigation and reports on subjective experience) into traditional cognitive, behavioral, physiological, clinical, or socio-cultural research.

The grant is open to research scientists who have attended the Mind & Life Summer Research Institute; https://www.mindandlife.org/summer-research-institute/.

https://www.mindandlife.org/varela-grants/
https://www.mindandlife.org/varela-grants/varela-grant-recipients/

Value:
maximum $20,000

Application process:

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Alex’s Lemonade Stand Foundation: RUNX1 Early Career Investigator Grant

The objective of the RUNX1 Early Career Investigator Grant is to promote the establishment of a new generation of translational and clinical researchers, who are interested in tackling inherited hematologic malignancy predisposition disorders, with a focus on RUNX1-familial platelet disorder.

Collaboration and data sharing are a priority for this research program.

All applicants must have an M.D., Ph.D. or dual M.D., Ph.D. (D.O., MBBS, or equivalent) and be within 5 years of their first faculty appointment as an Assistant Professor, or equivalent. review Eligibility, pages 3 – 4 at https://www.alexslemonade.org/sites/default/files/runx1_early_career_investigator_grants_final_0.pdf

https://www.alexslemonade.org/grants/program-areas/early-career-research-programs

Value:
maximum $60,000 per year for 3 years

Application process:
The Alex’s Lemonade Stand Foundation application deadline is September 26, 2019.

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

Canadian Frailty Network (CFN): Call for Proposals, 2019 National Conference on Frailty: Innovation and Collaboration for Impact

The CFN is inviting proposals that describe demonstrated or emerging impact on health or social programs, policies or initiatives, focused on improving the lives of older Canadians living with frailty and their friend/family caregivers.

A select number of innovators will present their projects in either oral (podium), or storyboard form at the 2019 National Conference on Frailty, September 26-27, at the Delta Marriott Toronto Airport Hotel.


https://www.cfn-nce.ca/news-and-events/events/call-for-submissions/

Innovative Medicines Canada, Health Research Foundation: Research Fellowship Opportunities

The Health Research Foundation will award two research Fellowships in the area of Artificial Intelligence (AI)
Health Research in its impact on health care in Canada. One of the Fellowships will focus on AI’s impact on health system sustainability, while the second Fellowship will focus on AI’s impact on patient outcomes.

The objective:

- to support outstanding PhD and/or MD researchers to become our future scientists and healthcare leaders with the tools to contribute to the innovative health care system of tomorrow; and

- to facilitate collaboration, teamwork, and trust between academic research centers and the pharmaceutical industry to find better ways to transfer knowledge from research to the health system.

The Prize is awarded with the expectation that the recipient will continue to demonstrate excellence in their field of work.


**Value:**

$100,000 each

**Application process:**
The Health Research Foundation application deadline is **September 27, 2019**.

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

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**SickKids Foundation: Grants**

The SickKids Foundation has recently announced the following funding opportunity:

*Community Conference Grants*, the objective: to bring together families with researchers and clinicians for medical presentations, workshops, symposia, and family-oriented discussions. The conference helps to ensure families receive access to the most up-to-date information regarding their children's health.

The grant will support events which are organized by and/or for families with children with health challenges, including but not limited to children with acute illness, chronic illness and disabilities.

https://www.sickkidsfoundation.com/aboutus/grantsandawards/communityconferencegrants

**Value:**

Awards are limited to an annual maximum request of $5,000. The Foundation will fund a maximum of three consecutive annual events organized by any single organization.

**Application process:**
The SickKids Foundation application deadline is **September 30, 2019**.
Alex’s Lemonade Stand Foundation (ALSF): Crazy 8 Initiative Award Program

The objective of the Crazy 8 Initiative Award Program is to support research in innovative and rigorous approaches, that directly address the most intractable issues in pediatric cancer research today.

The award is designed to coalesce cross-disciplinary cores of scientists working collaboratively, in order to accelerate the pace of new cure discovery. The proposal should address a topic that is responsive to at least one of the four pediatric cancer research themes:

- Developmental Origins of Pediatric Cancers
- Drugging Currently Undruggable Pediatric Cancer Drivers
- Developing Novel Immunotherapies
- Discovery and Development of Novel Pediatric Cancer Drug Targets

It is expected that successful applications will address one or more of the eight disciplines that formed the basis of the Crazy 8 Initiative.

1. Embryonal brain cancers
2. High grade gliomas
3. Fusion positive sarcomas
4. Fusion negative sarcomas
5. Leukemias
6. Neuroblastoma
7. Big data
8. Catalyzing clinical trials

Investigations may involve the exploration of a novel scientific hypothesis, or the development of new model systems, tools or technologies. Childhood cancer research applicants are encouraged to bring new, necessary expertise into the field. Collaboration and data sharing are a priority for this research program.


Value:
The requested budget should be in proportion to the scope of the proposed project and its corresponding potential for impact. Depending on the type of project and the size of the team, the requested budget should be in the range of $1-5 million USD over 4 years. The ALSF will pay up to 10% in indirect costs; if the applicant elects to request indirect costs, the budget may not exceed the range of $1-5 million USD.

Application process:
The Alex’s Lemonade Stand letter of intent deadline is October 1, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at vscarvl@mcmaster.ca or extension 24519
**Cystic Fibrosis Canada: 2019 Fall Research Competition**

The objective of the *Fall Research Competition* is to support leading research into the understanding, management and treatment of, and cure for, cystic fibrosis (CF).

All applications must address Cystic Fibrosis Canada’s *Core Principles* of funding the best science, that has the highest probability of making an impact for CF patients. review *Our Mission and Vision* at [https://www.cysticfibrosis.ca/about-us/our-mission-and-vision/](https://www.cysticfibrosis.ca/about-us/our-mission-and-vision/)

Cystic Fibrosis Canada has announced the following funding opportunities.

1. **Early Career Investigator Award**, the objective: to provide early career investigators an opportunity to develop outstanding CF research programs and build a team, through operating grant support, without having to compete against established investigators.

   An early career investigator is defined as *an independent researcher who has held his/her first full-time academic or research appointment for a period no longer than five years, at the time of applying*. review *Eligibility*, page 30 at [https://www.cysticfibrosis.ca/uploads/GA%20Guide_English_August%202018_FINAL.pdf](https://www.cysticfibrosis.ca/uploads/GA%20Guide_English_August%202018_FINAL.pdf)

   **Value:**
   Applicants submit a budget for a 1 or 2 year period. review page 31 at [https://www.cysticfibrosis.ca/uploads/GA%20Guide_English_August%202018_FINAL.pdf](https://www.cysticfibrosis.ca/uploads/GA%20Guide_English_August%202018_FINAL.pdf)

2. **Research Fellowship Award**, the objective: to build capacity in CF research in Canada by supporting highly qualified fellows, who are undertaking full-time research training in areas relevant to CF. Individuals who hold PhD or MD degrees are eligible to apply. review *Research Fellowships*, page 35 at [https://www.cysticfibrosis.ca/uploads/GA%20Guide_English_August%202018_FINAL.pdf](https://www.cysticfibrosis.ca/uploads/GA%20Guide_English_August%202018_FINAL.pdf)

   **Value:**
   The value of a Cystic Fibrosis Canada Fellowship is dependent upon academic qualifications, and research experience.
   maximum $35,000 for 2 years
   Fellows may apply for a one-year renewal.

   announcement site:  [https://www.cysticfibrosis.ca/our-programs/research/information-for-researchers](https://www.cysticfibrosis.ca/our-programs/research/information-for-researchers)  
   [https://www.cysticfibrosis.ca/our-programs/research/information-for-researchers/application-forms-and-deadlines](https://www.cysticfibrosis.ca/our-programs/research/information-for-researchers/application-forms-and-deadlines)

**Application process:**
The Cystic Fibrosis Canada application deadline is **October 1, 2019**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Multiple Sclerosis Society of Canada: Discovery Research (Operating) Grants

The objective of the *Discovery Research (Operating) Grant Program* is to support various research projects aligned with the Multiple Sclerosis Society of Canada’s new strategic plan. The strategic plan outlines four key impact areas:

- Treatment and Care
- Enhance Well-being
- Understand and Halt Disease Progression
- Prevent MS

review *Discovery Research (Operating) Grants* at [https://mssociety.ca/information-for-researchers/funding-opportunities/research-grants/operating-grants](https://mssociety.ca/information-for-researchers/funding-opportunities/research-grants/operating-grants)

Based on the nature of the research, the applicant may apply for one of the following:

1. **Biomedical Research Operating Grant**, the objective: to support research which uncovers the biological, pathological, and mechanistic aspects of Multiple Sclerosis (MS), and provides fundamental knowledge regarding the development, progression, prevention and treatment of MS disease. Studies can involve *in vitro*, animal, and/or human models.
   **Value:**
   $100,000 per year for 1 - 3 years

2. **Clinical and Population Health Research Operating Grant**, the objective: a) to support *clinical research* with the goal of improving diagnosis and treatment, and improving the health and quality of life of individuals affected by MS, and b) to support *population health research* that aims to understand the complex, biological, social, cultural and environmental interactions that determine the health of individuals and populations.
   **Value:**
   $100,000 per year for 1 - 3 years

3. **Pilot Grant, Clinical and Population Health** (CPH), the objective: to award seed funding that allows researchers to develop and test new and innovative research questions, and pursue pioneering approaches that have the potential to impact the MS field in topics related to CPH.

  Topics:
  - Treatment and Care
  - Enhance Well-being
  - Prevent MS
  [https://mssociety.ca/information-for-researchers/funding-opportunities/research-grants/clinical-and-population-health-pilot-grant](https://mssociety.ca/information-for-researchers/funding-opportunities/research-grants/clinical-and-population-health-pilot-grant)

   **Value:**
   $50,000 for 1 or 2 years

**Application process:**
The Multiple Sclerosis Society of Canada application deadline is **October 1, 2019**.
Louisville Institute: Grant Programs

The Louisville Institute has announced the following funding opportunities:

1. **Project Grant for Researchers**, the objective: to support research, reflection and writing by academics and pastors concerning Christian faith and life, the practice of ministry, and/or religious institutions.

   The grant supports a diverse range of projects that may involve independent study, consultations, or collaboration between pastors and academics. Preference is given to projects that show potential to generate reliable new data through empirical methods of inquiry and discovery. [https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/](https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/)

   **Value:**
   maximum $30,000
   Research periods may vary.

   **Application process:**
   The Louisville Institute application deadline is **October 1, 2019**.

2. **Sabbatical Grant for Researchers**, the objective: to enable ecclesially-engaged academics and scholarly religious leaders to conduct a major study, that can contribute to the vitality of Christianity in North America.

   The grant supports research projects that address Christian faith and life, the practice of ministry, and/or adaptive challenges confronting religious institutions.

   Typically, applicants are fully employed in accredited academic institutions, and eligible for up to a full academic year leave from teaching and administrative responsibilities. [https://louisville-institute.org/programs-grants-and-fellowships/grants/sabbatical-grant-for-researchers/](https://louisville-institute.org/programs-grants-and-fellowships/grants/sabbatical-grant-for-researchers/)

   **Value:**
   maximum $40,000 for 9 months to 1 year

   **Application process:**
   The Louisville Institute application deadline is **November 1, 2019**.


**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Nordisk, Nordic Culture Fund: Project Funding

The Nordic Culture Fund supports 1) art and culture projects that contribute to an innovative, dynamic, artistic and cultural scene in the Nordic Region, and 2) projects involving different Nordic countries (Denmark, Finland, the Faroe Island, Greenland, Iceland, Norway, Sweden and the Aaland Island).

To qualify for funding, projects must involve Nordic relevance and co-operation, and further the development of art and culture.

Applications are accepted from individuals, groups, organizations, institutions, associations and companies. Applicants do not need to live in the Nordic Region, or be Nordic citizens.

https://www.nordiskkulturfond.org/en/about-us/ and
https://www.nordiskkulturfond.org/en/project-funding-info/

Value:
approximately $101,000 CAD (maximum DKK 500,000)

All projects must have an appropriate level of co-funding.
review Finances at https://www.nordiskkulturfond.org/en/project-funding-info/

Application process:
The Nordisk application deadlines is October 1, 2019.

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

National Geographic Society: Conservation Technologies, New Methods of Monitoring Ecosystem Health

The objective of the Conservation Technologies is to improve monitoring of ecosystem health by funding innovative tools/technologies that have achieved successful prototypes, and are ready for field testing and/or scaling up.

Priority will be given to projects that are doing one or more of the following:

. developing novel tools or capabilities to generate data and insights on ecosystem health and/or biodiversity distribution, patterns and trends with an emphasis on low-cost, scalable, long-term, robust in-situ devices;

. developing new or repurposing existing sensors and sensing systems that can be applied to determining ecological health.
https://www.nationalgeographic.org/grants/grant-opportunities/conservation-technologies/

Value:
Typical proposal requests are less than $50,000, however, applicants may request up to $150,000.
Application process:
The National Geographic Society application deadline is **October 9, 2019**.

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

Alzheimer’s Drug Discovery Foundation: Core Requests for Proposals

The Alzheimer’s Drug Discovery Foundation has announced the **Core Requests for Proposals**.

1. **Neuroimaging and CSF Biomarker Development**, the objective: to support the development and validation of neuroimaging and cerebrospinal fluid biomarkers to enhance clinical trials for Alzheimer’s disease, related dementias, and cognitive aging.
   review [https://www.alzdiscovery.org/research-and-grants/funding-opportunities/biomarkers](https://www.alzdiscovery.org/research-and-grants/funding-opportunities/biomarkers)
   Value: $150,000 - $600,000 for 1 year
   Application process:
The Alzheimer’s Drug Discovery Foundation letter of intent deadlines are **July 12, October 11, 2019**.

2. **Prevention Beyond the Pipeline**, the objective: to support comparative effectiveness research, prevention clinical trials, and epidemiological studies that probe whether the use or choice of drugs alters the risk for dementia, or cognitive decline.
   Value: $50,000 - $100,000 for epidemiological analyses for 1 year
   Application process:
The Alzheimer’s Drug Discovery Foundation letter of intent deadlines are **July 12, October 11, 2019**.

3. **Drug Discovery**, the objective: to support a) **Novel drug programs** aiming to advance novel lead molecules to the clinical candidate selection stage, including small molecules and biologics (e.g., antibodies, peptides, gene therapies), and b) **Repurposed/repositioned programs** aiming to build preclinical evidence in relevant animal models for repurposed drugs (i.e., existing drugs that are approved for other diseases and conditions), and repositioned drugs (i.e., existing drugs that have entered clinical trials for other indications and have not yet been approved).
   Value: $150,000 - $600,000 for 1 year
Application process:
The Alzheimer’s Drug Discovery Foundation letter of intent deadline is **October 11, 2019**.

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

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**Canadian Cancer Society: Grants**

The Canadian Cancer Society has announced the following funding opportunities.

1. **Innovation Grants**, the objective: to support a) the development and testing of transformative, paradigm-shifting concepts and novel approaches to address problems in cancer research, b) high risk innovation projects that have a strong potential for high reward, and c) to generate new knowledge and/or improvements related to cancer prevention, detection, diagnosis, treatment and support.

Applications are encouraged from across all areas and disciplines of cancer research, as well as from investigators in other disciplines, whose ideas are relevant to the field of cancer research.

There are special funding calls within the Innovation Grant competition envelope:

- applications relevant to breast cancer;
- applications relevant to skin cancer;
- early detection, diagnosis and/or treatment of malignant mixed Müllerian tumours;
- projects focused on the application of complementary and alternative approaches in cancer treatment and control.


**Value:**
maximum $200,000 for 2 years
Funding is provided to support the direct costs of research including supplies, salaries and equipment (equipment requests can not exceed 25% of the requested budget).

**Application process:**
The Canadian Cancer Society application deadline is **October 15, 2019**.

2. **Innovation to Impact (i2I) Grants**: The i2I Grant was designed as the next stage in the funding pipeline for Innovation and Canadian Breast Cancer Foundation (CBCF) Grants, that have completed their original aims and have demonstrated productivity (e.g., publications or scientific presentations). The objective of the i2I is to support working towards or achieving a significant impact on cancer.

Only investigators with a funded Innovation Grant (including **Prevention Innovation Grants**) /CBCF Grant with a project end date between **January 1, 2017** and **October 31, 2020** are eligible for this program.

A special call for breast cancer research is included in this competition.

Value:
maximum $150,000 per year for a maximum 3 years
Funding is provided to support the direct costs of research including supplies, salaries and equipment. Equipment requests should not exceed $50,000. However, an increase in this portion of the budget will be considered as an exceptional case if the application involves the development of a technology, or a platform that requires specific equipment to do so.

Application process:
The Canadian Cancer Society application deadline is October 15, 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 deadline for submission of a proposal is October 15, 2019.
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.

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

Government of Canada, Canadian Space Agency (CSA): Flights and Fieldwork for the Advancement of Science and Technology (FAST 2019)

The objective of FAST is to support the research projects of Canadian universities and post-secondary institutions, that will contribute to the development of new scientific knowledge and space technologies, while making it possible for students to acquire hands-on experience in space-like missions.

Space-like missions are projects that allow space experts in academia to propose interesting research suitable to maintain their expertise, in addition to attracting and training the next generation of space professionals, and preparing future missions. These projects generally consist of the following:
designing, building, modifying or testing scientific instruments or technologies;
using them in a simulated space environment, or flying them if applicable, on suborbital or miniature orbital platforms (nanosatellites);
developing new approaches to efficiently use technology or applications in space or for space;
if needed, conducting data collection and/or analysis to address scientific or operational objectives.

The CSA intends to fund at least one project per research discipline defined in Section 3.3 review Research disciplines and Research priorities at http://asc-csa.gc.ca/eng/funding-programs/funding-opportunities/ao/2019-fast.asp#3.3

The two funding categories are:

**Category A**: for an end-to-end space-like mission project, that includes the development or improvement of a technology, use of the technology during a flight or field or research site deployment, and data collection and analysis

**Category B**: for a small space-related research project


**Value**:

**Category A**: maximum $300,000 for a maximum 3 years

**Category B**: maximum $100,000 for 2 or 3 years

**Application process**:
The Canadian Space Agency application deadline is **October 18, 2019**.

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

**American Chemical Society (ACS): Petroleum Research Fund Grants**

The objective of the **Petroleum Research Fund** is to support fundamental research directly related to petroleum or fossil fuels at nonprofit institutions (generally colleges and universities) in the United States, and other countries.

The ACS **Petroleum Research Fund Grants** are intended as seed money, to enable an investigator to initiate a new research direction. Proposals must be fundamental research in the **petroleum field** which is defined in the ACS founding document as **petroleum, natural gas, coal, shale, tar sands and like materials**.

review **Research Areas Supported** at https://www.acs.org/content/acs/en/funding-and-awards/grants/prf/about.html

review **Scientific Disciplines Supported** at https://www.acs.org/content/acs/en/funding-and-awards/grants/prf/researchtopics.html
Value:
$110,000 for 2 years

Application process:
The ACS application deadline is October 18, 2019.

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

Ontario Molecular Pathology Research Network (OMPRN): 2019 Cancer Pathology Translational Research Grants (CPTRG) Stream1

The objective of the CPTRG is to support projects in which the primary drivers are pathologists, and the primary focus is on pathology cancer research.

The CPTRG will build the capacity of Ontario pathologists to undertake transdisciplinary research projects that advance the field of cancer diagnostic, prognostic or predictive testing, and provide learning opportunities for pathology residents or early-career pathologists.

The following granting Stream 1 is available to support projects that promote research excellence, transdisciplinary collaboration, and encourage membership in a pathology research community: Supports small, one-year, collaborative research projects that bring together a pathologist Principal Investigator (PI) with a trans-disciplinary Co-Investigator and a pathology trainee.

Examples of the types of projects OMPRN seeks to fund include:

- novel approaches to making definitive pathological cancer diagnoses under challenging circumstances (e.g., small tissue samples or difficult-to-recognize cancer types);
- incorporation of molecular data in the pathological classification of tumours;
- identification or validation of prognostic or predictive cancer biomarkers, including in the context of drug discovery or clinical trials.


Value:
$35,000 for 1 year

Application process:
The OMPRN application deadline is October 28, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canadian Orthopaedic Foundation: Canadian Orthopaedic Research Legacy (CRL) Grant

The objective of the CORL Grant is to support new techniques and treatments in novel, short-term research projects which could include:

- a new investigator, possibly paired with an experienced team;
- an experienced investigator seeking funding for a pilot project.

One of the principal investigators must be an orthopaedic surgeon working in a Canadian orthopaedic centre, both at the time of application and at the award’s receipt.


Value:
$20,000 for 1 – 2 years

Application process:
The Canadian Orthopaedic Foundation application deadline is October 31, 2019.

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

Biocodex Microbiota Foundation, National Research Grant Canada 2019: The Microbiome in Human Health and Diseases

The Biocodex Microbiota Foundation is calling for innovative proposals from researchers in Canada, who are studying the microbiome in human health and diseases.

The Canadian grant will be awarded to an investigator studying a 1 to 2-year long research project within the proposed topic. The grant is intended as a seeding or bridging grant to help investigators become independent, or advance in the progression of their career. Mid-career or senior scientists who do not have current CIHR funding are encouraged to apply.

Studies in translational animal models are encouraged.


Value:
approximately $37,267 to be used for a new or ongoing study

Application deadline:
The Biocodex Microbiota Foundation application deadline is October 31, 2019.
**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Wenner-Gren Foundation: Post-Ph.D. Research Grants**

The objective of the *Post-Ph.D. Research Grant* is to 1) support basic research projects in anthropology that demonstrates a clear link to anthropological theory and debates, 2) ensure the discipline continues to be a source of vibrant and significant work, and 3) further our understanding of humanity's cultural and biological origins, development, and variation.

There is no preference for any methodology, research location, or subfield. The Foundation particularly welcomes proposals that employ a comparative perspective, can generate innovative approaches or ideas, and/or integrate two or more subfields.

http://www.wennergren.org/programs/post-phd-research-grants

also review, the *Engaged Anthropology Grant*, http://www.wennergren.org/programs/engaged-anthropology-grant

**Value:**
$20,000 USD
The grant is for research expenses only.

There is no time limit on the duration of the grant, and funding may be requested to cover distinct research phases (e.g., two Summers) if this is part of the research design.

**Application process:**
The Wenner-Gren Foundation application deadline is **November 1, 2019**.

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

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**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, 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

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 purpose of this funding opportunity is 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

Canadian Foundation for Healthcare Improvement (CFHI): Priority Health Innovation Challenge

The objective of the **Priority Health Innovation Challenge** is to identify teams and grow promising innovations in two shared health priorities:
1. improving access to mental health and addictions services
2. home and community care

Federal, provincial, and territorial governments have made 12 common indicators focused on measuring pan-Canadian access to the above health priorities. Review Access Indicators at https://www.cfhi-fcass.ca/WhatWeDo/challenges/priority-challenge?utm_source=Web&utm_medium=Slider&utm_campaign=Challenges

Team benefits are:

* support to reach more patients and move the bar on indicators of healthcare access;
* monetary and/or non-monetary awards shared among those who improve care most, reach more people, and achieve other goals;
* tools to support improvement as well as webinars and other ways to connect and learn across teams;
* flexible participation (you can choose the extent to which you take part in learning and exchange opportunities);
* connection with a community of innovators;
* gain profile for your team via exciting communications opportunities.


**Value:**
maximum $400,000

**Application process:**
Register now. The CFHI will accept applications on a rolling basis, closing October 20, 2020.

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

**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

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

**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/)

**Value:**
**Small Project Grants:** up to $5,000

**Application Process:**
The Wabash Centre application deadline for Small Project Grants is *any time* during the year.

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

**Waitt Foundation: Rapid Oceans Conservation (ROC) Grants Program**

The objective of the *ROC Grants Program* is to 1) provide small grants with a quick turnaround time for solutions to emerging conservation issues, 2) support higher-risk ideas at a low financial cost, and 3) engage with small, local non-governmental organizations on a global scale.

The grant funds projects related to the Waitt Foundation’s mission of supporting sustainable fishing and marine protected areas.

[https://www.waittfoundation.org/copy-of-roc-grants](https://www.waittfoundation.org/copy-of-roc-grants)

**Value:**
maximum $10,000

**Application process:**
The Waitt Foundation accepts applications on a *rolling* basis throughout the year.

**ROADS contact:**
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439
Shastri Indo-Canadian Institute (SICI): SICI Membership Development Fund 2019-20

The objective of the *SICI Membership Development Fund* (SMDF) is to 1) publicize and promote SICI mandates, as well as programs and grant opportunities offered by SICI Canada and Indian offices, to its Canadian Members Council (CMC) Institutions, and 2) enable faculty, student and staff to apply and avail the benefits of being an active member of SICI.

The SMDF grant could be used for a single event to promote SICI opportunities and other bi-national (India-Canada) activities in CMC institutions. However, the grant-related activities may also be linked to public events (academic or cultural), that showcase India-Canada accomplishments where the promotion of SICI’s activities is an integral part of the program.

https://www.shastriinstitute.org/SICI_membership_development_fund_SMDF

**Value:**
$500 CAD
Acceptable expenses:
- refreshment costs (i.e., tea, coffee, soft drinks, snacks)
- supplement the travel and or accommodation costs for invited speakers, panelists, etc.,

**Application process:**
The SICI application deadline is open.

announcement site: https://shastriinstitute.org/grants-awards-and-opportunities-for-indian-canadian-scholars

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

**Government of Canada: Sustainable Development Goals Funding Program**

The objective of the *Sustainable Development Goals Funding Program* is to support projects aimed at:

1. building awareness of the 2030 Agenda and its 17 Sustainable Development Goals (i.e., to eliminate poverty, protect the planet, ensure prosperity by the year 2030) (review *United Nations, Transforming Our World: The 2030 Agenda for Sustainable Development* at https://sustainabledevelopment.un.org/content/documents/21252030%20Agenda%20for%20Sustainable%20Development%20web.pdf);
2. increasing partnerships and networks;
3. advancing research;
4. furthering Canada’s implementation of the 2030 Agenda.

https://www.canada.ca/en/employment-social-development/services/funding/sustainable-development-goals.html#h2.3
Value:
$100,000 for 1 year

Application process:
Apply now to the Government of Canada. Applications are accepted on an ongoing basis.

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

Natural Sciences and Engineering Research Council of Canada (NSERC): Alliance Grant Program

NSERC Alliance Grants, Option 1 – open

NSERC has announced the launch of the new research partnerships program; the Alliance Grants. This program will replace the Collaborative Research and Development (CRD), Engage (and Engage Plus), Industrial Research Chairs, Strategic Partnership (Projects and Networks), Experience and Connect grants.

Alliance Grants

The objective of the Alliance Grant is to encourage greater collaboration in Canada’s research and development system by 1) providing support for projects that include both generators and users of research results and knowledge, and 2) accommodating a broader range of partners. Alliance also includes incentives for collaborations with small and medium-sized enterprises and multi-sectoral partnerships, and offers an accelerated means for projects to scale and grow.

Key benefits:

. single point of entry to rapidly develop new partnerships, or facilitate the growth of existing research collaborations;

. support for projects of different levels of scale and complexity from new, short term, one-on-one collaborations, to larger multi-stakeholder research teams;

. enhanced flexibility in the types of projects and partners, providing more opportunities for more innovative collaborations;

. supports research focused on outcomes as well as the training of research talent in a multi-partner environment;

. streamlined application process resulting in faster decision times, thereby supporting modern and fast-breaking research.

MILO will be preparing documents to assist researchers with applications.

Value:
Option 1: requesting $150,000 or greater annually from NSERC

Application process:
Option 1: OPEN FOR APPLICATIONS

Applications are managed through NSERC’s online system. Instructions can be found at http://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/instructions/101/alliance_eng.asp. This is an open competition program, without deadlines.

The Alliance Grants require a CCV. Form 100 is not used for Alliance applications. The Form 183A (that was previously completed by the industry partner) has now been replaced by the Partner Organization Form at http://www.nserc-crsng.gc.ca/OnlineServices-ServicesEnLigne/pdf/PartOrg_e.pdf.

Contact:
Amber Metham, Associate Director, Research Contracts, MILO, at metham@mcmaster.ca or extension 26878

MILO Advisors:
Ryan Vieira, Engineering and Science, vieirara@mcmaster.ca
Suzanne Ferenczi, Social Science, Humanities and Business, ferenczs@mcmaster.ca
Bertha Monrose, Health Sciences, monrose@mcmaster.ca

Government of Canada, Natural Resources Canada: Indigenous Forestry Initiative

The objective of the Indigenous Forestry Initiative (IFI) is to provide funding to support Indigenous-led economic development in Canada’s forest sector. The funding aims to increase Indigenous participation in forestry-related opportunities, businesses, careers and governance.

The scope of projects funded by IFI is broad, with three general categories:

1. Environmental stewardship
2. Use and Management of forest resources
3. Participation in the forest bioeconomy (e.g., biomass for heat/energy; pellet manufacturing, etc.).

Examples of types of activities that IFI funds include:

- preparing plans/assessments that cultivate economic opportunities in forestry;
- training and skills development to support forestry projects;
- business planning including startup or expansion;
- development of forestry related tools, technology, products and services.
Applicants must meet certain criteria and projects must have at least one partner (e.i., academic institutions and research associations working with an Indigenous partner organization). Review Eligible applicants at https://www.nrcan.gc.ca/forests/federal-programs/13125#who

https://www.nrcan.gc.ca/forests/federal-programs/13125

Value:
Applicants must submit a project budget.

Application process:
The Natural Resources Canada accepts Applications year-round.

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

Mitacs: Globalink Research Award

The objective of the Globalink Research Award is to encourage senior undergraduate, graduate students, and postdoctoral fellows to apply for international travel for research collaborations with universities, in the Fall, 2019.


Value:
$6,000

Application process:
Applications are accepted anytime, however, individuals should apply at least 16 weeks prior to their planned departure.

Contact:
Ryan Caldwell, Business Development Specialist, Mitacs and McMaster, McMaster Industry Liaison Office, at caldwejr@mcmaster.ca or rcaldwell@mitacs.ca

Government of Canada, Agriculture and Agri-Food Canada (AAFC): Canadian Agricultural Strategic Priorities Program

The objective of the Canadian Agricultural Strategic Priorities Program is to provide funds for projects that address national, or sector-wide priorities, that help industry address emerging issues and capitalize on opportunities.

All applicants must clearly demonstrate 1) the issue that is facing the Canadian agriculture, agri-food and agri-products sector, 2) how the project results will benefit the sector, and 3) how the project aligns with one or more of the four priority areas:

- adaptation to new technology
environmental sustainability
strategic planning and capacity building
everging issues

http://www.agr.gc.ca/eng/programs-and-services/canadian-agricultural-strategic-priorities-program/?id=1549325740130

Value:
maximum AAFC contribution: $1 million per year for 5 years
Eligible project costs are shared:  50% - 50%

The AAFC may contribute up to 75% of the total project costs where it deems a project is a high priority for a sector, or addresses a public safety concern of Canadians, and clearly demonstrates the benefits to Canadians through significant levels of support (e.g., public and private interests). In exceptional cases, AAFC may contribute greater than 75%.

review 1.5, Funding and cost-sharing at http://www.agr.gc.ca/eng/programs-and-services/canadian-agricultural-strategic-priorities-program/applicant-guide/?id=1549327437463#a1.5

Application process:

All applicants must first complete a Pre-screening Summary. The AAFC will review the summary to determine if the project is eligible. After the review, the AAFC will contact the applicant to discuss the project and the possibility of completing an Application.

Applications will be accepted on a continuous basis during the life of the program, or until funding has been fully committed, or until otherwise announced by the program.

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

Cancer Research Society: Translational Research Partnership Program

The objective of the Translational Research Partnership Program is to 1) support collaborative and pivotal translational cancer research projects, and 2) accelerate the development of new treatments and/or technologies for the benefit of patients.
review Project Eligibility at https://www.societederecherchesurlecancer.ca/en/researchers/translational-research-partnership

Value:
a maximum of $1,500,000 over a maximum 3 years per project of which up to 50% may come from the Cancer Research Society
Application process:
The Cancer Research Society Letter of Intent does not have a deadline date.

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

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

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

https://gwf.usask.ca/join-us/call-for-projects.php

Value:
review Benefits at https://gwf.usask.ca/join-us/call-for-projects.php#Criteria

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

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
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. 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

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

Fonds de recherche du Québec (FRQ): Toolkit for Responsible Conduct in Research-Creation

The objective of the Toolkit for Responsible Conduct of Research-Creation is to support members of the research-creation and the responsible conduct of research communities in the practice, dissemination, and evaluation of research-creation.

The Toolkit questions:

- What is a responsible conduct of research policy?
- What is research-creation?
- What is responsible conduct in research-creation?

Tools contained in the Toolkit:
- Responsible Conduct of Research-Creation Checklist
- Summary of Recommendations for the Responsible Conduct of Research-Creation
- Case Studies of Responsible Conduct in Research-Creation Breaches
- Podcast on conflicts of interest and conflicts of commitment in research-creation

https://papyrus.bib.umontreal.ca/xmlui/handle/1866/20924