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

April 12, 2019

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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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• **Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of intent to apply by April 23, 2019; SSHRC Application deadline June 17, 2019**

• **SeaWorld and Busch Gardens, Conservation Fund: Grants – Application deadline April 30, 2019**

• **Open Technology Fund: Internet Freedom Fund – Application deadline May 1, 2019**

• **BioCanRx: Bench to Bedside Translation of Innovative Cancer Therapeutics, Cycle II – Letter of Intent deadline May 1, 2019**

• **Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition - Application deadline May 1, 2019**
Natural Sciences and Engineering Research Council of Canada (NSERC) and Belmont Forum: Collaborative Research Action (CRA Arctic II), Resilience in a Rapidly Changing Arctic – Notify ROADS of intent to apply by May 1, 2019; Application deadline June 14, 2019

Nordisk, Nordic Culture Fund: Project Funding – Application deadlines May 2, October 1, 2019

James S. McDonnell Foundation: 2019 Teachers as Learners Program - Pre-proposal deadline May 8, 2019

Pharmacotherapies for Alcohol and Substance Abuse Consortium (PASA): Grant Program – Letter of Intent deadline May 13, 2019

Department of Defense, Congressionally Directed Medical Research Programs, FY19 Lung Cancer Research Program (LCRP): Grants – Pre-application deadlines May 15, August 1, 2019

Weston Brain Institute: Open Funding Opportunities – Letter of Intent deadline May 15, 2019 (extended), and on a rolling basis

Genome Canada and Ontario Genomics: Genomics in Society Interdisciplinary Research Teams (GiSIRT) Program – Draft Registration deadline May 16, 2019; Final Registration deadline May 27, 2019

Government of Canada, Natural Resources Canada: Electric Vehicle and Alternative Fuel Infrastructure Deployment Initiative – Application deadline May 16, 2019

Alex’s Lemonade Stand: Grants – Application deadline May 20, 2019

Department of Defense, Congressionally Directed Medical Research Programs, FY19 Peer Reviewed Cancer Research Program (PRCRP): Grants – Pre-application deadlines May 22, August 21, 2019

Arthritis Society: Grants – Abstract Registration deadline May 22, Application deadline June 26, 2019

Department of Defense, Congressionally Directed Medical Research Programs: FY19 Neurofibromatosis Research Program (NFRP): Grants – Pre-application deadline May 23, 2019

The Foundation Fighting Blindness: Vision Quest, Toronto Lunch & Learn for Age-Related Vision Loss – May 29, 2019

SickKids Foundation: Grants – Application deadlines May 31, September 30, 2019

Child Health Foundation: Innovative Small Grants Program – Application deadline May 31, 2019


McMaster University, McMaster Institute for Research on Aging (MIRA): Canadian Longitudinal Study on Aging (CLSA) Application deadlines June 3, September 23, 2019
• **The Ontario HIV Treatment Network (OHTN), Endgame Funding Program: Community-Based Research and Evaluation Awards** – Application deadlines June 7, September 6, December 6, 2019

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

• **Department of Defense, Congressionally Directed Medical Research Programs, FY19 Parkinson’s Research Program (PRP): Grants** – Pre-application deadline July 9, 2019; Application deadline July 24, 2019

• **Hamilton Community Foundation: The Dougher Community Fund** – Application deadline July 12, 2019

• **Alzheimer’s Drug Discovery Foundation: Core Requests for Proposals** – Letter of Intent deadlines July 12, October 11, 2019

• **MacArthur Foundation: 100&Change** – Application deadline August 6, 2019

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

• **National Geographic Society: Conservation Technologies, New Methods of Monitoring Ecosystem Health** – Application deadline October 9, 2019

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

• **Government of Canada, Natural Resources Canada: Indigenous Forestry Initiative** – Applications are submitted year-round

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

• **Weston Brain Institute, Early Phase Clinical Trials: Canada** – Letter of Intent 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

• **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 (SQR): 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

Shastri Indo-Canadian Institute: Grants – 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

In this Issue:

Natural Sciences and Engineering Research Council of Canada (NSERC): E.W.R. Steacie Memorial Fellowships

The objective of the E.W.R. Steacie Memorial Fellowship is to:

1. enhance the career development of outstanding and highly promising university faculty, who a) are earning a strong international reputation for original research, and b) wish to devote all their time and energy to research;
2. fund a replacement for the fellow's teaching and administrative responsibilities; or
3. enhance the research environment of the fellow's department.

The selection criteria involves:

- the candidate's stature in the scientific or engineering community (nationally and internationally);
- the importance and scope of the candidate's research and its impact on the field, society, and if applicable, on industry; and
- the candidate's specific accomplishments within their field.

review Eligibility at http://www.nserc-crsng.gc.ca/Prizes-Prix/Stacie-Stecie/Nomination-Nomination_eng.asp

The approval of the nominee’s Department Chair and Faculty Dean/Associate Dean Research will be required, prior to developing the nomination.
Value:
$250,000 over 2 years
The Fellowship normally also includes a contribution of $90,000 per year to the university toward the fellow's salary.

Should the recipient of the Fellowship hold another federal award that has a salary component (e.g., a Canada Research Chair, an Industrial Research Chair), NSERC will reduce the contribution to the university accordingly.


Application process:

Nomination Requirements

1) the nominator writes a letter of support;
2) the executive head of the university provides a letter endorsing the nomination;
3) the nominee provides:
   . a completed Form 100;
   . page one of a Form 101;
   . a completed Environmental Information Form (if applicable);
   . a two-page summary of research;
   . copies of the nominees three most significant research contributions;
   . a list of five to seven reviewers;
   . a signed Terms and Conditions Form for Nominees;
   . a signed Terms and Conditions Form for Nominators.

NSERC has limited the number of nominations that may be submitted by McMaster to six.

Notify ROADS of the intent to nominate by **April 16, 2019**.

Nominators must submit draft nominations to ROADS by **May 1, 2019**. All nominations will undergo an internal selection process using NSERC’s selection criteria. Only those selected by McMaster’s internal selection committee will be forwarded to NSERC to meet the deadline, **June 7, 2019**.

ROADS contact:
Nathan Coschi, Senior Advisor, at [coschimn@mcmaster.ca](mailto:coschimn@mcmaster.ca) or extension 21581

Government of Canada, Transport Canada: Clean Transportation System – Research and Development (CTS-RD) Program

The objective of the *CTS-RD Program* is to help reduce air pollutants and greenhouse gas emissions in the aviation, marine, and rail sectors.

Projects that receive funding may, for example:
. conduct research and share knowledge on emission-reducing (clean) technologies;
. develop technologies or other ways to help measure transportation-related emissions;
. develop, test, deploy and install innovative clean technologies in Canada.


**Value:**
maximum $100,000 per project over 3 years
Recipients may be reimbursed up to 50% of eligible expenditures.

**Application process:**
The Transport Canada application deadline is **May 8, 2019**.

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

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**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.


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.

Early Innovator Award

Upon successful registration, qualifying Teams may submit a video that introduces their Team Leader, patient and/or family representative, senior officer or director endorsing the work, and demonstrates: a) their current work underway relevant to their chosen Indicator(s), and b) their intended aim and anticipated outcomes.

Videos must meet the following requirements, review page 5 at https://www.cfhi-fcass.ca/sf-docs/default-source/documents/innovation-challenges/innovation-challenge-priority-health-official-terms-e.pdf?sfvrsn=5214aa44_6

Application process:
The CFHI video deadline is May 10, 2019 at 11:59pm ET.

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

Government of Canada, Natural Resources Canada: Cyber Security and Critical Energy Infrastructure Program (CCEIP)

The objective of the CCEIP is to enhance the cyber security and resilience of domestic and cross-border energy infrastructure in support of Canada’s National Cyber Security Strategy. review https://www.publicsafety.gc.ca/cnt/rsrscs/plctns/ntnl-cbr-scrt-strtg/index-en.aspx

Projects funded under the Program are intended to strengthen the capability of the energy sector to prevent, prepare, respond to and recover from cyber threats.

Activities eligible for support may include:

- **Research and Development**: studies on interdependencies, supply chain management, and emerging cyber security threats
- **Sharing Knowledge and Expertise**: activities that develop and strengthen collective knowledge (e.g., workshops, training, technical briefings)
- **Standards, Best Practices and Guidelines**: activities that advance the development of standards, best practices, and guidelines related to cyber security in the energy sector

https://www.nrcan.gc.ca/energy/funding/21762

Value:
$484,000 for 1 year
Application process:
The Natural Resources Canada project proposal deadline is May 15, 2019.

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


The objective of the Turnbull-Tator Award in Spinal Cord Injury and Concussion Research is to recognize an outstanding publication by a Canadian researcher, in the field of spinal cord and brain injury research (including concussion), in the last two years (January 1, 2017 to March 31, 2019).

Applicants will need to demonstrate 1) the publication includes novel and ground-breaking results that represent a major advancement for the research area, and 2) the potential to generate new hypotheses. The award is open to all active investigators, in any phase of their career, conducting research at a Canadian institution.

https://braincanada.ca/for-researchers/

Value:
$50,000

Application deadline:
The Brain Canada Foundation application deadline is May 20, 2019.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Multiple Sclerosis Research Program (MSRP): Grants

The DoD MSRP has announced the following funding opportunities:

1. Exploration - Hypothesis Development Award, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in the MS research field. Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project must include a well-formulated, testable hypothesis based on strong scientific rationale and study design.

review Focus Areas, pages 3-4 at https://cdmrp.army.mil/funding/pa/FY19-MSRP-EHDA.pdf
2. **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to MS research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory discovery, clinical trial results, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data. review **Focus Areas**, pages 3-4 at [https://cdmrp.army.mil/funding/pa/FY19-MSRP-IIRA.pdf](https://cdmrp.army.mil/funding/pa/FY19-MSRP-IIRA.pdf)

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

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

**Application process:**
The DoD pre-application deadline is **May 21, 2019**.

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Tick-Borne Disease Research Program (TBDRP): Grants**

The DoD TBDRP has announced the following funding opportunities:

1. **Career Development Award**, the objective: to support independent, early-career investigators to conduct impactful research with the mentorship of an experienced tick-borne diseases researcher. Early-career investigators are scientists or physician scientists within 10 years of completion of his/her terminal degree, excluding time spent in residency, or on family medical leave.


review **Focus Areas**, pages 3-4 at above link

**Value:**
maximum $250,000 over 3 years

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

2. **Idea Award**, the objective: to support conceptually innovative, high-risk/potentially high-reward research in the early stages of development, critical discoveries, or major advancements that will accelerate progress in improving outcomes for individuals affected by Lyme disease and/or other tick-borne illnesses.

All applications should include a well-formulated, testable hypothesis based on strong scientific rationale, that is established through inferential reasoning and/or critical review and analysis of the literature.

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

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

3. **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact studies that have the potential to make important contributions to Lyme disease and other tick-borne diseases research, patient care, and/or quality of life.

The award promotes a wide range of research from basic through translational, including preclinical studies in animal models or human subjects, and correlative studies associated with an existing clinical trial to establish proof-of-principle for further development in future studies.


**Value:**
maximum $650,000 over 3 years

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

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

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**Canadian Institute for Advanced Research (CIFAR), Global Call for Ideas: A Celebration of Excellence**

**Event**
**May 22, 2019**
The Carlu, 444 Yonge Street, Toronto

Join CIFAR for an introduction to the new portfolio of research programs and a celebration of their **Global Call for Ideas**.


To attend: [https://www.cifar.ca/events/cifar-global-call-for-ideas-a-celebration-of-excellence](https://www.cifar.ca/events/cifar-global-call-for-ideas-a-celebration-of-excellence)
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Bone Marrow Failure Research Program (BMFRP): Idea Development Award (Grant)

The objective of the BMFRP Idea Development Award is to support innovative, new ideas and high-impact approaches based on scientifically sound evidence to move toward understanding and curing BMF diseases.

The proposed research studies should have a high probability of revealing new avenues of investigation.

Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF syndromes and their progression to other malignancies such as leukemia, are acceptable. Stem cell biology studies and translational projects, including bone marrow transplantation studies, should be clearly related to BMF diseases.


Value:
maximum $325,000 over 2 years

Application process:
The DoD pre-application deadline is June 6, 2019.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Prostate Cancer Research Program (PCRP): Grants

The DoD PCRP has announced the following funding opportunities:

1. Idea Development Award, the objective: to support new ideas and innovative approaches to prostate cancer research, and research that contributes to the PCRP’s mission (i.e., the elimination of death from prostate cancer; enhance the well-being of Service members, Veterans, and all men and their families who are experiencing the impact of the disease).


To maximize the potential for impact, investigators are strongly encouraged to incorporate the following components in their study design, where appropriate:

. authentication of proposed cell lines;
. statistical rigor of preclinical animal experiments and epidemiological studies;
. incorporation of experiments to assess clinical relevance and translatable of findings;
. validation in patient cohorts.

Studies utilizing data derived from large patient studies that a) include long-term health records, biospecimen
repositories and pre-existing research, and b) apply state-of-the-art genomic and/or proteomic analysis, bioinformatics, and/or mathematical models to such data, are also encouraged.

Value:
**New Investigator** category: maximum $600,000 over 3 years  
**Established Investigator** category: maximum $750,000 over 3 years

Application process:
The DoD pre-application deadline is **June 6, 2019**.

2. **Early Investigator Research Award**, the objective: to support prostate cancer-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated mentors. The Principal Investigator must have 3 years or less of postdoctoral research experience (excluding clinical residency or clinical fellowship training) as of March 31, 2020.


Investigators are strongly encouraged to incorporate the following components in their study design, where appropriate, to maximize the potential impact of the proposed project:

- authentication of proposed cell lines;
- statistical rigor of preclinical animal experiments;
- incorporation of experiments to assess clinical relevance and translatability of findings.

Value:
maximum $200,000 over 2 years

Application process:
The DoD pre-application deadline is **June 6, 2019**. The application deadline is **June 27, 2019**. The letters of recommendation deadline is **July 2, 2019**.

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

**Alzheimer’s Drug Discovery Foundation, Diagnostics Accelerator: Digital Biomarkers**

The objective of this funding opportunity is to develop and validate digital biomarkers for Alzheimer's disease and related dementias.

**digital biomarkers**, the Foundation’s definition: objective, quantifiable, physiological and behavioral data that are collected, measured and analyzed by means of digital devices (e.g., portables, wearables, ambient sensors). Digital biomarkers range from computerized or app-based versions of traditional neurocognitive tests to novel technology platforms, that combine multiple complex data sources into a phenotypic signature.
Proposals addressing a range of potential clinical uses are of interest, especially technologies for early assessment and those aiding in diagnosis and monitoring treatment response, or rate of disease progression.

Creative approaches to leverage new and existing software and hardware are encouraged. The use of the digital technology should be driven by 1) an unmet patient or scientific need for a better assessment, and/or 2) providing a more cost-effective, efficient, and less burdensome approach to diagnosis and monitoring in clinical practice and clinical trials.

Three stages of projects will be supported through this call:

- **Exploratory awards**
- **Proof-of-principle awards**
- **Validation awards**


**Value:**

*Exploratory*: approximately $250,000 (this is not a cap, higher funding levels will be considered if the proposed budget is well justified)

*Proof-of-principle*: approximately $500,000 (this is not a cap, higher funding levels will be considered)

Projects that succeed in the **Exploratory** or **Proof-of-principle** stage may be eligible for follow-on funding in the form of a validation award.

**Validation**: Award amounts will be based on the stage and scope of the research.

**Application process:**
The Alzheimer’s Drug Discovery Foundation letter of intent deadline is **June 7, 2019**.

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

**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

Previously Announced:

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

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.
https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0208384&type=printable

announcement site: https://fathom.fund/
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 johnssa6@mcmaster.ca or extension 24439
Social Sciences and Humanities Research Council (SSHRC), Open Research Area (ORA) for the Social Sciences: A new call in 2019

Pre-call Announcement

SSHRC has announced its collaboration in the 6th ORA call, alongside three European funding organizations:

- Agence nationale de la recherche, France;
- Deutsche Forschungsgemeinschaft, Germany;
- Economic and Social Research Council in the United Kingdom.

The Japan Society for the Promotion of Science is an associate partner.

The ORA was created to strengthen international co-operation in the social sciences by funding high quality scientific research projects. The program started as an agreement between research funding agencies in France, Germany, the UK and The Netherlands in 2010.

This objective of the Pre-call Announcement is to allow interested researchers to begin discussions with potential research partners, ahead of the formal call for proposals. Proposals will be accepted for 1) research in any area of the social sciences, and 2) research that makes an original and significant contribution to current scientific knowledge. All proposals must involve researchers from any three or more participating countries.

The formal call for proposals will be launched on the websites of the participating funding organizations.

A full program announcement will be sent out by ROADS with internal deadlines, as soon as SSHRC officially issues a call for this competition.


review details on the previous round at http://www.dfg.de/en/research_funding/international_cooperation/international_funding/funding_opportunities/ora/

Application process:

The ORA is due to open in April 2019. The application window for proposals is set to last approximately 3 months, with a closing date expected in July 2019.

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

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

The objective of the Connection Grant is to support events and outreach activities geared toward short-term, targeted, knowledge mobilization initiatives.
Connection Grant proposals may involve any disciplines, thematic areas, approaches, or subject areas eligible for SSHRC funding. 


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

a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;
c) intersectoral exchanges between academic researchers in the humanities and social sciences, and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or

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

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


**Research Data Management Capacity Building Initiative**

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

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


**Value:**

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

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

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

Applicants may draw on complementary funding from SSHRC research grants and/or other research funding.
agencies, however, 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 **March 13, 2019**.

The initial draft of the Application and Letters of Support are due to ROADS by **April 10, 2019**.
The final draft and a completed and signed Application Approval Form are due to ROADS by **April 25, 2019**.

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

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

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**Canada Council for the Arts: Killam Research Fellowships**

The objective of the **Killam Research Fellowship** is to provide release time from teaching and administrative duties to scholars of exceptional ability, who 1) are engaged in research projects of broad significance and widespread interest, and 2) wish to pursue independent research within the disciplines of the:

- humanities;
- social sciences;
- natural sciences;
- health sciences;
- engineering;
- studies linking any of these disciplines.

Eligibility guidelines:

- established scholars who have a) demonstrated outstanding research ability, and b) have published the results of their research in substantial publications in their field;
- a full professor in a Canadian university with significant teaching and/or administrative responsibilities;
- Canadian citizen or have permanent resident status.

[https://canadacouncil.ca/funding/prizes/killam-research-fellowships](https://canadacouncil.ca/funding/prizes/killam-research-fellowships)

**Value:**
release time, $70,000 per year for 2 years

The funds assist the institution to cover the costs of replacing the researcher, while still paying his/her regular salary and benefits.

The researcher must obtain support for research and laboratory costs from other sources.

**Application process:**
All applications require Department and Faculty endorsement.
Notify ROADS of intent to apply by **April 9, 2019**.
When ROADS has received approval from the Department Chair and Associate Dean Research, a Senior Advisor will be assigned to assist with the development of the proposal.

The Canada Council for the Arts application deadline is **May 15, 2019**.

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

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**Canadian Cancer Society (CCS): Grants**

The CCS has announced the following funding opportunities:

1. The Canadian Institutes of Health Research, Institute of Cancer Research, the Institute of Neurosciences, Mental Health and Addiction, in partnership with the CCS: *Cannabis Research in Priority Areas Team Grants*, the objective:
   - to support research investigating the benefits and/or harms related to therapeutic use of cannabis in people living with cancer;
   - to encourage interdisciplinary collaborations from across health research and from domains outside of health research, and the sharing of data and resources;
   - to enhance capacity development and training in cannabis research, and
   - to connect to existing knowledge translation efforts across Canada (e.g., through the Mental Health Commission of Canada, or the Canadian Centre on Substance Use and Addiction).

   review Research Areas at https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=3048&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true

   **Webinar**
   April 18, 2019, 1:30-2:30pm
   http://www.cihr-irsc.gc.ca/e/45096.html

   **Value:**
   $300,000 per year for 5 years

   **Application process:**
   The CIHR letter of intent deadline is **May 15, 2019**. The application deadline is **October 8, 2019**.

2. **CCS/CIHR Cancer Survivorship Team Grants**, the objective: a) to support new intervention research designed to mitigate the challenges experienced along the survivorship journey, b) to evaluate and validate existing interventions to assess their potential for implementation as best practices, and c) to improve the health outcomes for cancer survivors of all ages (i.e., pediatric, adolescent, young adult, adult) from the time of their cancer diagnosis until the time of their death, or entry into palliative care.
The program goal must be achieved through the support of a network of multidisciplinary teams, each led by a nominated Principal Investigator and at least 2 co-Principal and/or co-Investigators, one of whom must be within their first five years as an independent researcher, drawn from at least 3 different regions of Canada (Atlantic Provinces, Central Canada, Prairie Provinces, West Coast, Northern Territories).

Survivors and caregivers are expected to be engaged as full and active members of research teams. review *Scientific focus of the program* at [http://www.cancer.ca/en/research/grants-and-awards/current-funding-opportunities/survivorship-team-grants/](http://www.cancer.ca/en/research/grants-and-awards/current-funding-opportunities/survivorship-team-grants/)

**Value:**
$500,000 per year for 5 years
Funding will be provided to support the direct costs of research including supplies, salaries, equipment and travel. Equipment requests can not exceed 10% of the requested budget.

**Application process:**
The CCS registration deadline is **May 29, 2019.**

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

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### 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.

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


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

**Application process:**
Notify ROADS of intent to apply by **April 23, 2019.**
The initial draft of the application and letters of support are due to ROADS by **May 24, 2019**. The final draft, and a completed and signed Application Approval Form are due to ROADS by **June 10, 2019**.

The SSHRC application deadline is **June 17, 2019**.

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

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**SeaWorld and Busch Gardens, Conservation Fund: Grants**

The objective of the *SeaWorld and Busch Gardens Conservation Fund* is to 1) support work with purpose and passion on behalf of wildlife and habitats worldwide, and 2) encourage sustainable solutions within the four areas of focus:

- species research;
- habitat protection;
- conservation education;
- animal rescue and rehabilitation.

[https://swbg-conservationfund.org/grant-seekers](https://swbg-conservationfund.org/grant-seekers) and [https://swbg-conservationfund.org/about-us/conservation-priorities](https://swbg-conservationfund.org/about-us/conservation-priorities)

**Value:**
$10,000 - $25,000 USD

**Application process:**
The SeaWorld and Busch Gardens application deadline is **April 30, 2019**.

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

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**Open Technology Fund: Internet Freedom Fund**

The objective of the *Internet Freedom Fund* is to support projects and people working on open and accessible technology-centric projects that promote:

- human rights;
- internet freedom;
- open societies.

The fund helps advance inclusive and safe access to global communications networks for at-risk users including journalists, human rights defenders, civil society activists, and every-day people living within repressive environments who wish to speak freely online.
Ideal applications for the fund are focused on:

1. creating new open source circumvention technologies that fill a current need of targeted users;
2. improving the security, usability, and adaptability of existing open source internet freedom technologies;
3. providing new or deeper insights into the challenges of front-line communities that ultimately contribute to the improvement of technological solutions;
4. projects that emphasize applied research;
5. research that focuses on real-time monitoring and analysis of both technical and political threats to internet freedom, including network interference and shutdowns;
6. new content redistribution methods able to reintroduce content behind firewalls, or similar services;
7. making targeted communities more resilient to digital attacks via customized solutions in-line with Open Technology Fund criteria (review, https://guide.opentech.fund/);
8. next-generation tools that move beyond traditional “cat-and-mouse” circumvention techniques.


Value:
$50,000 - $200,000 for 6 – 18 months

Application deadline:
The Open Technology Fund application deadline is May 1, 2019.

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

BioCanRx: Bench to Bedside Translation of Innovative Cancer Therapeutics, Cycle II

The objective of this funding opportunity is to support project concepts that propose new research, enabling further development of the current portfolio of assets, with an emphasis on cellular immunotherapies. review Project Portfolio at https://biocanrx.com/research/project-portfolio/clinical-trials

The overarching vision of the Cycle II research program will focus on extending immunotherapy successes in the clinic beyond initial responders.

To address this challenge, while making use of technologies in the BioCanRx pipeline or by soliciting new complimentary technology, BioCanRx will invest in projects aimed at understanding patient and/or tumour type limitation(s) and proposing improved novel therapies, trials, or combination approaches to overcome the identified limitation(s). This will be accomplished by:

1. identifying solid tumour targets for adoptive cell therapy;
2. turning cold tumours hot;
3. identifying or validating mechanisms of resistance of tumours to immunotherapy in the clinical setting (i.e., cellular, immunological, genomic, biomarkers, pathway obstacles, microenvironment);
4. biologically relevant cancer targeting (e.g., pathways, tumour microenvironment elements, immune cell subsets);
5. developing or refining combination approaches;
6. designing and creating multiplex immunotherapeutics;
7. early health technology assessments and/or policy frameworks to support the development of novel biotherapeutics and/or combination therapy approaches.

Research should be multidisciplinary and consider implementation in the Canadian context, whether addressing technological hurdles, commercialization hurdles, or policy/reimbursement/health system hurdles.

https://biocanrx.com/research/research-program-renewal

Value:
Applicants submit a project budget. It is expected that each project will secure 50% of the total project funds from partners. All projects must be completed no later than March 31, 2023.

Application process:
The BioCanRx letter of intent deadline is May 1, 2019.

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

Association for the Sociology of Religion (ASR): Joseph H. Fichter Research Grant Competition

The objective of the Joseph H. Fichter Research Grant Competition is to support members of the Association involved in 1) promising sociological research on women in religion, or 2) the intersection between religion and gender, or 3) religion and sexualities. All proposed research must be sociological in nature.

Applicants must be members of the ASR at the time of application. Review Become A Member at http://www.sociologyofreligion.com/member/create-profile.php

https://www.sociologyofreligion.com/lectures-papers/fichter-research-grant-competition/

Value:
A total of $12,000 is available. This amount is distributed among several of the leading applications in the year’s competition.

Application process:
The ASR application deadline is May 1, 2019.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Natural Sciences and Engineering Research Council of Canada (NSERC) and Belmont Forum: Collaborative Research Action (CRA Arctic II), Resilience in a Rapidly Changing Arctic

The objective of this funding opportunity is to support co-developed and co-implemented proposals from integrated teams of natural and social scientists, and stakeholders to 1) address key areas of arctic resilience, 2) spur action and decision making, and 3) provide solutions.

The term **stakeholder** is used in its broadest possible sense, allowing for co-development of projects with partners from, but not limited to civil society, government, industry, non-governmental organizations, and Indigenous organizations. Proposing consortia shall address at least two of seven interconnected elements of resilience, as described in the *Arctic Resilience Report of the Arctic Council*: natural, social, financial, cultural and human capitals, infrastructure, and knowledge.

Funders from 10 countries have committed resources for this call: Canada, Denmark, France, Japan, Iceland, Netherlands, Norway, Russia, Sweden, and the United States of America. Project teams must be international in their composition, and must draw support from a minimum three organizations supporting this **Collaborative Research Action**, from a minimum three different countries.

To be eligible for funding from NSERC the team must include one or more researchers in the natural sciences and engineering, who are eligible to hold NSERC funds.


**Value:**
maximum $75,000 per year for 3 years

**Application process:**
Notify ROADS of intent to apply by **May 1, 2019**.

A draft of the application should be submitted to ROADS for review by **May 27, 2019**. A final draft of the application, along with a signed application approval form should be submitted to ROADS by **June 10, 2019**.

Proposals must be submitted electronically via the Belmont Forum Grant Operations website: [http://bfgo.org](http://bfgo.org) by **June 14, 2019**, 8:00pm EST.

Eligible researchers applying for NSERC funds must submit a signed Terms and Conditions of Applying Form directly to NSERC by **June 14, 2019**.
[http://www.nserc-crsng.gc.ca/_doc/Professors-Professeurs/Form101-TC_e.pdf](http://www.nserc-crsng.gc.ca/_doc/Professors-Professeurs/Form101-TC_e.pdf)

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
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 are May 2, October 1, 2019.

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

James S. McDonnell Foundation: 2019 Teachers as Learners Program

The objective of the 2019 Teachers as Learners Program is to support team-based research addressing the topic teachers learning to facilitate communication in the classroom (e.g., eliciting student explanations, guiding collaborative discussions, making effective use of questions).

Research projects must be rooted firmly in the learning context, operate in real-time, and accommodate the constraints imposed by the local environment.

All pre-proposals must provide the following information:

1. a brief but thorough description of the question or problem motivating the pre-proposal, and an explanation of the measures by which teacher learning and teacher change will be assessed;

2. an explanation of the proposed approach including a data acquisition/data management plan (research projects acquiring new data or utilizing existing data are welcome; where feasible, teams are encouraged to utilize existing data sets), review the DMPTool at https://dmptool.org/;
3. a list of the metrics and measurements that are planned to be used by the team; and

4. the identification and qualifications of the members of the interdisciplinary team.

https://www.jsmf.org/apply/teachers-as-learners/

**Value:**
Applicants submit a budget plan by year.
The annual budgets should consider both ramp up and ramp down needs.

**Application process:**
The James S. McDonnell Foundation pre-proposal deadline is **May 8, 2019**.

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

Pharmacotherapies for Alcohol and Substance Abuse Consortium (PASA): Grant Program

The goal of the PASA Consortium is to fund study applications for developing new medications that can be brought to therapeutic use to improve treatment outcomes for alcohol and substance use disorders (ASUD), especially as related to post-traumatic stress disorder, and traumatic brain injury.

The PASA has announced the following research funding opportunity:

*Request for Application (RFA) #4b, Preclinical Study Implementation*, the objective: to support full study implementation for the conduct of proof-of-principle, basic research to determine which compounds are most appropriate for human research trials.

https://pasa.rti.org/About/Grant-Program

**Value:**
$295,000 for 18 months

**Application process:**
The PASA letter of intent deadline is **May 13, 2019**. The application deadline is **July 22, 2019**.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Lung Cancer Research Program (LCRP): Grants

The DoD LCRP has announced the following funding opportunities:

1. *Idea Development Award*, the objective: to support conceptually innovative, new ideas, high-risk/high-
reward research that a) is still in the early stages of development, b) has the potential to yield impactful data and new avenues of investigation, and c) could lead to critical discoveries or major advancements, that will accelerate progress toward eradicating deaths and suffering from lung cancer. All applications should include a well-formulated, testable hypothesis based on strong scientific rationale.

New Investigators: The grant encourages applications from independent investigators in the early stages of their careers (i.e., within 10 years of their first faculty appointment, or equivalent).

Submissions from and partnerships with investigators at Department of Defense military treatment facilities and laboratories, and Department of Veterans Affairs medical centers and research laboratories, are strongly encouraged.

**Value:**
$350,000 over 2 years

**Application process:**
The DoD pre-application deadline is **May 15, 2019.**

2. **Investigator Initiated Translation Research Award**, the objective: to support translational research (i.e., an integration of basic science and clinical observations) that will develop promising ideas in lung cancer into clinical applications. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care.

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

**Application process:**
The DoD pre-application deadline is **May 15, 2019.**

3. **Translational Research Partnership Award**, the objective: to support the development of translational research collaborations between clinicians and research scientists, two independent faculty-level (or equivalent) investigators, to a) address a central problem or question in lung cancer, and b) accelerate the movement of promising ideas in lung cancer into clinical applications.

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.

One partner in the collaboration is strongly encouraged to be an active duty Service member or Federal employee from a Department of Defense military treatment facility or laboratory, or a Department of Veterans Affairs medical center or research laboratory.

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

**Application process:**
The DoD pre-application deadline is **May 15, 2019.**

Value:
$900,000 over 3 years

Application process:
The DoD pre-application deadline is **May 15, 2019**.

4. **Career Development Award**, the objective: to support a) early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher, and b) impactful research projects with an emphasis on discovery. All Principal Investigators must be research- or physician-scientists within 5 years of their first faculty appointment (or equivalent).
   Value:
   $250,000 over 2 years

Application process:
The DoD pre-application deadline is **August 1, 2019**. The application deadline is **August 21, 2019**.
   announcement site: [https://cdmrp.army.mil/funding/lcrp](https://cdmrp.army.mil/funding/lcrp)

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

**Weston Brain Institute: Open Funding Opportunities**

The Weston Brain Institute has re-announced the following funding opportunities with new webinar dates and **extended** letter of intent deadlines.

1) **Rapid Response: Canada 2019**, the objective: to provide seed funding for novel, high-risk, high-reward, translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging.

   Focus:
   . **Parkinson’s and Related Diseases** (e.g., Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; Multiple system atrophy; prodromes; vascular contributions to the listed diseases)

   announcement site: [http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

   Value:
   maximum $300,000 over a maximum 18 months
Application process:
The Weston Brain Institute letter of intent deadline:

*Parkinson’s: May 15, 2019* extended

2) **Transformational Research: Canada 2019**, the objective: 1) to provide funding for transformative, novel, high-risk, high-reward, translational research projects that will accelerate the development of therapeutics for neurodegenerative diseases of aging, 2) to expand the type of complementary approaches eligible for funding to other lifestyle interventions (e.g., speech therapy, cognitive therapy, music therapy, social interaction); and 3) to encourage applications that bring in other fields (e.g., AI, big data, machine learning, data science, computer science).

Focus:
- *Parkinson’s and Related Diseases* (e.g., Parkinson’s disease; Progressive supranuclear palsy; Dementia with lewy bodies; Multiple system atrophy; prodromes; vascular contributions to the listed diseases)

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

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

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

Application process:
The Weston Brain Institute letter of intent deadlines:

*Parkinson’s: May 15, 2019* extended

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

The Institute defines neurodegenerative diseases of aging to include:

- Alzheimer’s disease
- Dementia with lewy bodies
- Frontotemporal dementia
- Multiple system atrophy
- Parkinson’s disease
- Progressive supranuclear palsy
- Vascular contributions to the above diseases
- Prodromes to the above

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

announcement site: http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/
Value:
$5,000,000 - $20,000,000 over 5 years
Applicants must identify the total cost of the project, split by year, and major category of expense.

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

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

Genome Canada, Ontario Genomics: Genomics in Society Interdisciplinary Research Teams (GiSIRT) Program

The objective of the GiSIRT Program is to 1) facilitate collaborations and dialogue among researchers and other key stakeholders, and 2) ensure the effective, responsible translation of innovative genomics applications reach in to sectors, capable of transformation.

The program will support at least three researchers from different disciplines to a) address issues at the intersection of genomics and society, and b) investigate the advancement, adoption, evaluation and governance of genomics research.

Proposal Focus Areas

Stream 1: proposals mainly impacting the human health sector
Stream 2: proposals mainly impacting the agriculture/agri-food and/or aquaculture/ﬁsheries sectors
Stream 3: proposals mainly impacting the natural resources (e.g., forestry, energy, mining) and/or environment sectors
Proposals that address multiple sectors across two or three streams are also eligible.

http://www.ontariogenomics.ca/funding-opportunities/open-competitions/gisirt/

Value:
There is approximately $3 million available from Genome Canada.

Approximately one-third of available Genome Canada funding will be invested in at least one team, in each of the three streams, for a maximum 4 years.

Genome Canada will contribute between $500,000 and $1 million with the amount of co-funding from eligible sources, at least equal, to the Genome Canada contribution.

Application process:
The Ontario Genomics draft registration deadline is May 16, 2019.

In order to better prepare projects, Ontario Genomics will engage external reviewers and advisors to perform a friendly review of the draft applications, and facilitate strategy sessions. Applicants will receive feedback on their applications including gaps and areas for improvement, prior to submission to Genome Canada.
The Ontario Genomics final registration deadline is May 27, 2019.

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

**Government of Canada, Natural Resources Canada: Electric Vehicle and Alternative Fuel Infrastructure Deployment Initiative**

The objective of this funding opportunity is to support the construction of an electric vehicle (EV) fast charging, coast-to-coast, network. The funding also supports natural gas infrastructure along key freight corridors, and hydrogen infrastructure in metropolitan centres.


**Value:**
The Natural Resources Canada repayable contribution through this Program will be limited to a maximum $5,000,000 per project.

For EV fast chargers, the Program will pay up to 50% of the total project costs to a maximum of $50,000 per charging unit.

For natural gas and hydrogen refuelling stations, the Program will pay up to 50% of the total project costs to a maximum $1,000,000 per refuelling station.

**Application process:**
The Natural Resources Canada application deadline is May 16, 2019.

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

**Alex’s Lemonade Stand: Grants**

The Alex’s Lemonade Stand, Foundation for Childhood Cancer, has announced the following funding opportunities:

1. **‘A’ Awards**, the objective: to support early, independent, career scientists who wish to establish a career in pediatric oncology research. The award (grant) is open to MD, MD/PhD and PhD applicants, who are within 5 years of their first faculty appointment as an Assistant Professor. The ideal candidate has an original project, can demonstrate outstanding career development support from the institution, and has a strong future commitment to pediatric cancer investigation.

https://www.alexslemonade.org/grants/program-areas/early-career-research-programs#program-156

**Value:**
$200,000 per year for 4 years (with the possibility of a fifth year of funding)
Application process:
The application deadline is May 20, 2019.

2. **Reach Grants**, the objective: to move hypothesis-driven research toward the clinic. A successful application will identify an unmet clinical need relevant to the care of patients with pediatric cancer, and describe how the work performed will allow for the translation of hypothesis-driven research to the clinic, keeping broader clinical testing and implementation in view.  
https://www.alexslemonade.org/grants/program-areas/accelerator-programs#program-543

Value:
$250,000 over 2 years

Application process:
The application deadline is May 20, 2019.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Peer Reviewed Cancer Research Program (PRCRP): Grants

The DoD PRCRP has announced the following funding opportunities:

1. **Idea Award with Special Focus**, the objective: to support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms and/or methods in cancer research. The **Special Focus** of the grant is on exposures, conditions or circumstances that are unique to the military, disproportionately represented in a military beneficiary population, or may affect force readiness. Cancers or circumstances with cancer risk that may affect the Service members’ support system (i.e., military families) are of special importance for total mission readiness.
   review **Military Health Focus**, page 4 at the site above

Value:
$400,000 over 2 years

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

2. **Impact Award**, the objective: to support hypothesis-driven, high-impact, mature research projects that a) specifically focus on critical scientific or clinical cancer issues, and b) have the potential to make a major impact on at least one of the **Topic Areas**, review page 3 at https://cdmrp.army.mil/funding/pa/FY19-PRCRP-IPA.pdf . Important factors under consideration will be continuity of research, clinical applicability, and leveraging of clinical samples and trials.
   review **Military Health Focus**, page 4 at the site above
Value:
$1,000,000 over 3 years

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

3. **Translational Team Science Award**, the objective: a) to support multi-investigator, multidisciplinary teams, b) to support hypothesis-driven, translational, clinical research studies based on results from clinical investigations associated with a clinical trial, and c) to focus on research for the next-phase clinical trial, or future clinical application.
review **Military Health Focus**, page 4 at the site above
review **Areas of Emphasis**, page 5 at the site above
All research projects should address critical knowledge gaps in clinical outcomes, validate key research results, expand upon potentially game-changing results, or investigate novel clinical findings.

Value:
$1,500,000 over 4 years

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

4. **Career Development Award**, the objective: to support independent, early-career investigators to conduct impactful research with the guidance of an experienced cancer researcher. The Principal Investigator must be a researcher or physician-scientist within 10 years after completion of his/her terminal degree, by the time of the application deadline. Time spent as a postdoctoral fellow is not excluded.
This award supports impactful research projects with an emphasis on discovery.
review **Military Health Focus**, page 4 at the site above

Value:
$360,000 over 3 years

Application process:
The DoD pre-application deadline is **August 21, 2019**. The application deadline is **September 11, 2019**.

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

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

The Arthritis Society has announced the following funding opportunity:

**Stars Career Development Award**, the objective: to firmly establish the career of early career investigators.
review Eligibility at [https://arthritis.ca/researchers/research-programs-awards/current-funding-opportunities/stars-career-development-award](https://arthritis.ca/researchers/research-programs-awards/current-funding-opportunities/stars-career-development-award)

The salary and research funding represents a three year commitment by the Arthritis Society, together with an additional three year commitment by the applicant’s Host Institution. The program is intended to promote creativity in all domains of arthritis-related research, responsive to the Arthritis Society’s strategic priorities.

Applicants should review the two research themes set out in the *Arthritis Society’s 2015-2020 Research Strategy*: 1) improving our understanding of arthritis and finding the cure, and 2) improving the care and management of arthritis.
[https://arthritis.ca/researchers/research-strategy-partnerships/research-strategy](https://arthritis.ca/researchers/research-strategy-partnerships/research-strategy)

**Value:**
$125,000 per year for 3 years with an additional 3 years of support from the Host Institution of an equal value.

At least $50,000 per year must be used for salary support, except where it exceeds the institution salary scale.

The remaining amount must be used for research and support (e.g., research expenses including pilot study data collection, research personnel, supplies, and/or equipment, travel to scientific conferences, etc.).

**Application process:**
The Arthritis Society abstract registration deadline is **May 22, 2019**. The application deadline is **June 26, 2019**.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY19 Neurofibromatosis Research Program (NFRP): Grants

The vision of the FY19 NFRP is to decrease the clinical impact of NF.

The DoD NFRP has announced the following funding opportunities.

1. **Exploration-Hypothesis Development Award**, the objective: to support innovative, high-impact research that will a) foster new directions for and address neglected issues in NF research, b) sponsor multidisciplinary
and multi-institutional collaborations, c) promote translational and clinical studies to move promising ideas from bench to bedside, and d) develop a balanced portfolio of meritorious research related to all aspects of NF1, NF2, and schwannomatosis.

The grant provides support for the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in NF research. The studies are expected to lay the groundwork for future avenues of scientific investigation. Review Areas of Emphasis, pages 3-4 at https://cdmrp.army.mil/funding/pa/FY19-NFRP-EHDA.pdf

Value:
$100,000 for 2 years

Application process:
The DoD pre-application deadline is May 23, 2019. The application deadline is June 6, 2019.

2. New Investigator Award, the objective: to support the continued development of promising independent investigators and/or the transition of established investigators, from other research fields, into a career in the field of NF research.

Prior experience in NF research is not required, however, Principal Investigators with a limited background in NF research are strongly encouraged to have a collaborator who is experienced in this field.

Research projects may focus on any phase of research, excluding clinical trials. Applications must include preliminary and/or published data Review Areas of Emphasis, pages 3-4 at https://cdmrp.army.mil/funding/pa/FY19-NFRP-NIA.pdf

Value:
$450,000 for 3 years

Application process:
The DoD pre-application deadline is May 23, 2019. The application deadline is June 6, 2019.

3. Early Investigator Research Award, the objective: to support NF-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor. The opportunity allows for early-stage investigators to develop a research project, investigate a problem or question in NF research, and further their intellectual development as an NF researcher of the future.


Review Areas of Emphasis, pages 3-4 at above site.

Value:
$200,000 for 2 years

Application process:
The DoD pre-application deadline is May 23, 2019. The application deadline is June 6, 2019. The confidential letters of recommendation deadline is June 11, 2019.
announcement site:  https://cdmrp.army.mil/funding/nfrp

Webinar Series

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

The Foundation Fighting Blindness: Vision Quest

Toronto Lunch & Learn for Age-Related Vision Loss

May 29, 2019, 11:00am-1:30pm, Toronto Public Library, 789 Yonge Street, Reference Library Rooms: Epic Hall and Prologue, Tickets: $20
https://ffb.ca/get-involved/vision-quest/

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 deadlines are May 31, September 30, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Child Health Foundation (CHF): Innovative Small Grants Program

The objective of the Small Grants Program is to support innovative research, or innovative service projects, directed at improving the health and well-being of new-born infants during their first month of life.

The CHF will consider a range of technologies and approaches including biomedical and social science projects, that show promise and may have wide-spread application.

Projects must address child health issues in a developing country, or in the United States.

All countries are eligible to apply.

http://childhealthfoundation.org/how-to-apply/

Value:
maximum $5,000 for 1 year

Application process:
The Child Health Foundation application deadline is May 31, 2019.

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

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:

- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22

Contact:
Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at vuyitun@mcmaster.ca or extension 23164
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-us](https://www.clsa-elcv.ca/about-us); [https://www.clsa-elcv.ca/data-access/data-access-application-process](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](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](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 deadlines are **June 3**, and **September 23, 2019**.

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

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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 June 7, September 6, and December 6, 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:
Deadlines for submission of proposals for outreach activities are June 15 and October 15 of each year. A lead-time of at least 9 months is requested between the deadline for submission and the date of the event. Decisions are normally announced within 4 weeks of each deadline.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Parkinson’s Research Program (PRP): Grants

The DoD PRP has announced the following funding opportunities:

1. **Early Investigator Research Award**, the objective: to support early-career investigators exploring innovative, high-impact ideas, or new technologies applicable to Parkinson’s disease research and/or patient care, under the guidance of a designated Mentor.

The Principal Investigator (PI) must be a postdoctoral or clinical fellow, instructor, or Assistant Professor within 10 years of advanced degree or residency training completion (or equivalent), as of the application deadline.

The PI is not required to have previous Parkinson’s disease research experience. The PRP seeks applications from investigators working in a broad spectrum of disciplines including but not limited to basic science, engineering, bioinformatics, population science, translational research, and clinical research.


**Value:**
$360,000 over 2 years

**Application process:**
The DoD pre-application deadline is **July 9, 2019**. The application deadline is **July 24, 2019**.

2. **Investigator-Initiated Research Award**, the objective: to support highly rigorous, multidisciplinary, high-impact research projects that have the potential to make an important contribution to Parkinson’s disease research and/or patient care. The grant supports the full spectrum of research from a) basic science through clinical research, and b) major impacts in understanding, preventing, diagnosing, or treating Parkinson’s disease, or enhancing the well-being of individuals experiencing the impact of the disease.


**Value:**
$1.5 million over 3 years

**Partnering Principal Investigator Option:** $2.4 million over 3 years

**Application process:**
The DoD pre-application deadline is **July 9, 2019**. The application deadline is **July 24, 2019**.

[Announcement site: https://cdmrp.army.mil/funding/prp]

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
**Hamilton Community Foundation: The Dougher Community Fund**

The objective of the *Dougher Community Fund* is to support and enhance services and facilities offered within the boundaries of the Town of Dundas.

Applications will be considered in the following areas:

- Supports and services for seniors/persons with disabilities
- Poverty alleviation
- Youth engagement and support
- Environmental issues
- Accessibility to the arts

https://www.hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/

**Value:**
Applicants submit a project budget for 1 year of funding.

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

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

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**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. review [https://www.alzdiscovery.org/research-and-grants/funding-opportunities/prevention-beyond-the-pipeline](https://www.alzdiscovery.org/research-and-grants/funding-opportunities/prevention-beyond-the-pipeline)
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). review https://www.alzdiscovery.org/research-and-grants/funding-opportunities/drug-discovery

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.

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

MacArthur Foundation: 100&Change

The objective of the 100&Change is to fund a single proposal that promises real and measurable progress in solving a critical problem of our time.

The Foundation will consider proposals from any field. Competitive proposals will address a significant problem and provide a solution that is impactful, evidence-based, feasible, and durable. review About the Competition at https://www.macfound.org/programs/100change/strategy/

https://www.macfound.org/programs/100change/

Value:
$100 million grant

Application process:
The MacArthur Foundation application deadline is August 6, 2019.

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

Register for Upcoming Webinars
May 8, 2019, 12:00:1:00pm EDT
Evaluation of a context-adapted wiki-based decision aid supporting critically ill patients’ decisions about life-sustaining therapies — Patrick Archambault, Université Laval (CAT2015-35)
Register: https://register.gotowebinar.com/register/7892514763207744514

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
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

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

Weston Brain Institute, Big Ideas: Canada

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

The Institute defines neurodegenerative diseases of aging to include:

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

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

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

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

ROADS Contact:
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 MIRAinfo@mcmaster.ca at least one month before the grant submission is due.

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

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**Wabash Center: Project Grants**

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

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

The following is available:

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

**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

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**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. Review sub-themes at http://waittfoundation.org/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

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**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
- emerging issues


**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](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

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**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

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**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.
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.

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:


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

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

**Announcement website:** [http://www.cleancompetition.org/](http://www.cleancompetition.org/)

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

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

The objective of the **ICLR Quick Response Program** is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data. The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

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

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

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

[https://www.iclr.org/quickresponse.html](https://www.iclr.org/quickresponse.html)
Value:
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants. A maximum $5,000 is available for an exceptional proposal.

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

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

Shastri Indo-Canadian Institute (SICI): Grants

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

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

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

   Application Process:
   Applications can be submitted throughout the year.

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

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

   Application Process:
   Applications can be submitted throughout the year.
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