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

June 7, 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.


• Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants – NSERC Webinar June 19, 2019; draft Notification of Intent to ROADS by July 18, 2019; NSERC Notification of Intent deadline August 1, 2019; Application deadline November 1, 2019

• Canada Mortgage and Housing Corporation, National Housing Strategy: Funding Opportunities – Application deadline July 26, 2019

• Department of Defense, Congressionally Directed Medical Research Programs, FY19 Defense Medical Research and Development Program (DMRDP) – Grant – Pre-application deadline July 26, 2019

• American Foundation for Suicide Prevention: Grants – Letter of Intent deadline August 1, September 15, 2019; Application deadline November 15, 2019

• Department of Defense, Congressionally Directed Medical Research Programs, FY19 Vision Research Program (VRP): Grants – Pre-application deadline August 6, 2019

• Department of Defense, Congressionally Directed Medical Research Programs, FY19 Duchenne Muscular Dystrophy Research Program (DMDRP): Grant – Pre-application deadline August 21, 2019

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

Previously announced:

• Canadian Institutes of Health Research (CIHR) and Natural Sciences and Engineering Research Council of Canada (NSERC), CIHR Operating Grant: Collaborative Health Research Projects (NSERC Partnered) - notify ROADS of intent to apply as soon as possible, CIHR Letter of Intent deadline June 25, 2019

• Social Sciences and Humanities Research Council (SSHRC) and the Canadian Environmental Assessment Agency, Knowledge Synthesis Grants: Informing Best Practices in Environmental and Impact Assessments – notify ROADS of intent to apply as soon as possible, SSHRC Application deadline July 10, 2019

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

• Government of Canada: Sustainable Development Goals Funding Program – submit an Application, apply now
• **Marine Environmental Observation Prediction and Response Network (MEOPAR): Fathom Fund** – Application deadline apply now

• **Social Sciences and Humanities Research Council (SSHRC), Open Research Area (ORA) for the Social Sciences: A new call in 2019** – Pre-call Announcement

• **Social Sciences and Humanities Research Council (SSHRC): Worldviews on Media and Higher Education 2019 Conference, June 12 – 14, 2019 (Toronto)**

• **Social Sciences and Humanities Research Council (SSHRC): Connection Grants** – Notify ROADS of intent to apply by June 13, 2019; SSHRC Application deadline August 1, 2019

• **Samsung Advanced Institute of Technology (SAIT), Global Collaboration: Physical and Mental Health** – Application deadline June 24, 2019

• **Department of Defense, Congressionally Directed Medical Research Programs, FY19 Breast Cancer Research Program (BCRP): Grants** – Pre-application deadlines June 26, August 22, 2019

• **Department of Defense, Congressionally Directed Medical Research Programs, FY19 Peer Reviewed Orthopaedic Research Program (PRORP): Grant** – Pre-application deadline June 26, 2019

• **Department of Defense, Congressionally Directed Medical Research Programs, FY19 Peer Reviewed Alzheimer’s Research Program (PRARP): Grants** – Pre-application deadline June 26, 2019

• **Department of Defense, Congressionally Directed Medical Research Programs, FY19 Epilepsy Research Program (ERP): Grants** – Pre-application deadline June 26, 2019

• **Canadian Space Agency, Space Exploration Development Directorate: Future Lunar Exploration Activities, Call for Ideas** – response deadline June 28, 2019

• **Canadian Institutes of Health Research (CIHR): Let's Talk CIHR - What are your health research priorities?** – online Survey deadline June 28, 2019

• **Lung Cancer Canada: Geoff Ogram Memorial Research Grant** – Letter of Intent deadline June 28, 2109

• **Spencer Foundation: Grants** – Application deadline July 1, 2019

• **A. J. Muste Memorial Institute: Social Justice Fund** – Application deadline July 8, 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

• **Department of Defense, Congressionally Directed Medical Research Programs, FY19 Gulf War Illness Research Program (GWIRP): Grants** – Pre-application deadline July 12, 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

• World Anti-Doping Agency (WADA): Call for Proposals, 2020 Social Science Research Program – Application deadline July 14, 2019

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

• MacArthur Foundation: 100&Change – Registration deadline July 16, 2019; Application deadline August 6, 2019

• Department of Defense, Congressionally Directed Medical Research Programs, FY19 Hearing Restoration Research Program (HRRP): Grant – Pre-application deadline July 16, 2019

• Department of Defense, Congressionally Directed Medical Research Programs, FY19 Melanoma Research Program (MRP): Grants – Pre-application deadline July 26, 2019

• The Harry Frank Guggenheim Foundation: Research Grants – Application deadline August 1, 2019

• Filmmakers Without Borders: Filmmaking Grants – Application deadline August 1, 2019

• International Foundation for Research in Experimental Economics (IFREE): Small Grants Program – Application deadline August 1, 2019

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

• Simons Foundation Autism Research Initiative (SFARI): Bridge to Independence Award – Letter of Intent and Letters of Recommendation deadline August 8, 2019

• John Templeton Foundation: Small and Large Grants – Online Funding Inquiry deadline August 16, 2019

• Department of Defense, Congressionally Directed Medical Research Programs, FY19 Peer Reviewed Cancer Research Program (PRCRP): Grants – August 21, 2019

• Canada Mortgage and Housing Corporation (CMHC), National Housing Strategy (NHS): Research Awards - Application deadline August 26, 2019

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

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

• Graham Foundation: Grants to Individuals – Inquiry Form deadline September 15, 2019
- McMaster University, McMaster Institute for Research on Aging (MIRA): Canadian Longitudinal Study on Aging (CLSA) Application deadline September 23, 2019
- Mind & Life Institute: Francisco J. Varela Research Grants for Contemplative Research – Application deadline September 25, 2019
- Canadian Frailty Network: Call for Proposals, 2019 National Conference on Frailty: Innovation and Collaboration for Impact – Conference September 26-27, 2019 (Toronto)
- SickKids Foundation: Grants – Application deadline September 30, 2019
- Nordisk, Nordic Culture Fund: Project Funding – Application deadline October 1, 2019
- National Geographic Society: Conservation Technologies, New Methods of Monitoring Ecosystem Health – Application deadline October 9, 2019
- Fields Institute for Research in Mathematical Sciences: Proposals for Outreach Activities – Application deadline October 15, 2019
- ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding – Notify ROADS of Intent to Apply as soon as possible
- Canadian Foundation for Healthcare Improvement (CFHI): Priority Health Innovation Challenge – Early Innovator Award – Priority Health Innovation Challenge – Applications accepted on a rolling basis
- Weston Brain Institute, 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, Natural Resources Canada: Indigenous Forestry Initiative – Application, no deadline
- Mitacs: Globalink Research Award – Application, no deadline
• Government of Canada, Agriculture and Agri-Food Canada: Canadian Agricultural Strategic Priorities Program – Pre-screening Summary, no deadline

• Cancer Research Society: Translational Research Partnership Program – Letter of Intent, no deadline

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

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

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

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

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

• 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:

Canadian Foundation for Healthcare Improvement (CFHI): What does better look like?

The objective of the 10-15 minutes survey, What does better look like?, is to provide CFHI information to better understand and meet healthcare improvement needs.

review the CFHI official site at https://www.cfhi-fcass.ca/

To begin the survey, use:

https://eds.ca.matchbox.maruhub.com/survey/do/session/a2b5aa887ba8781494d89075895879ccbf8cd34d2d694f7c3b2a2e78662889bf/restart_data_key/744a66f952526687d3f5bf63f8701789bd25c42d5f33288ff8e6bad2267b7a1d/is_entering/1

or https://www.cfhi-fcass.ca/

Your participation is greatly appreciated.
Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Community Engagement visit webinar

Webinar
English session: **June 11, 2019**, 1:00 – 3:00pm (ET)
Link to join the webinar: [https://nsercofcanada.adobeconnect.com/_a1139318731/engagement-webinar/](https://nsercofcanada.adobeconnect.com/_a1139318731/engagement-webinar/)
Conference number: 1 877-413-4790
Conference ID: 7462843

The webinar also offers a platform for the community to ask questions and seek direct information from the NSERC’s staff.

Natural Sciences and Engineering Research Council of Canada (NSERC): Alliance Grant Program Introductory Workshop for Researchers

Workshop
**June 20, 2019**, 10:00 – 11:30am
McMaster University, Main Campus, Michael DeGroote Centre for Learning and Discovery (MDCL), room 1309

**NSERC Alliance Grants, Option 1 – open**

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

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

Key benefits:

- single point of entry to rapidly develop new partnerships, or facilitate the growth of existing research collaborations;
- support for projects of different levels of scale and complexity from new, short term, one-on-one collaborations, to larger multi-stakeholder research teams;
- enhanced flexibility in the types of projects and partners, providing more opportunities for more innovative collaborations;
- supports research focused on outcomes as well as the training of research talent in a multi-partner environment;
streamlined application process resulting in faster decision times, thereby supporting modern and fast-breaking research.

MILO will be preparing documents to assist researchers with applications.


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

Application process:
Option 1: OPEN FOR APPLICATIONS

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

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

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

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

Ministry of Economic Development, Job Creation and Trade (MEDJCT): Ontario Research Fund - Research Excellence (ORF-RE), Round 10

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

Applications are reviewed against the following criteria:

. Research Excellence: scientific merit, quality of research, and expertise of the research team
. Research Impact: anticipated value to Ontario in the following three categories - Commercialization, Economic Benefits, Societal Benefits
. Achieving Research Impact
. Development of Research Talent: a clear plan for the training of highly qualified personnel
. Project Management and Governance: management of the project including governance structure, sustainability, budget, and milestones
All applications, including those led by McMaster and those where we partner on proposals led by other institutions, require Faculty endorsement.

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

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

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

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

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

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

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

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

The MEDJCT application deadline is September 20, 2019.

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

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

The DoD PH/TBIRP has announced the following funding opportunity.

Federal Interagency Traumatic Brain Injury Research Analysis Award, the objective: to 1) leverage the Federal Interagency Traumatic Brain Injury Research (FITBIR) human subject informatics data system, 2) accelerate research progress by allowing for re-analysis, aggregation and rigorous comparison of deidentified data, and 3) facilitate new insights in the understanding, diagnosis, and treatment of TBI.
review FITBIR at https://fitbir.nih.gov/

**Value:**
maximum $750,000 over a maximum 18 months

**Application process:**
The DoD pre-application deadline is **July 10, 2019**. The application deadline is **August 1, 2019**.

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

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**Alzheimer’s Drug Discovery Foundation and The Association for Frontotemporal Degeneration, Request for Proposals: Accelerating Drug Discovery for Frontotemporal Degeneration**

The objective of the *Accelerating Drug Discovery for Frontotemporal Degeneration* is to accelerate and support innovative small molecule and biologic (antibodies, oligonucleotides, peptides, gene therapy) drug discovery programs for frontotemporal degeneration.

The Request for Proposals supports:

1. **Lead optimization** of novel disease-modifying compounds, including medicinal chemistry refinement and in vitro absorption, distribution, metabolism, and excretion (ADME)

2. **In vivo testing of novel lead compounds, biologics, or repurposed drug candidates** in relevant animal models for pharmacokinetics, dose-range finding, target engagement, in vivo efficacy, and/or preliminary rodent tolerability studies.

review Drug Targets at https://www.alzdiscovery.org/research-and-grants/funding-opportunities/accelerating-drug-discovery-for-ftd?utm_source=ADDF&utm_campaign=ce1b7a15b0-RFP_2019_5.28&utm_medium=email&utm_term=0_cc5f9da121-ce1b7a15b0-97089993

**Value:**
$100,000 - $150,000 based on the stage and scope of the research for 1 year (with potential for follow-on funding)

**Application process:**
The Alzheimer’s Drug Discovery Foundation letter of intent deadline is **July 12, 2019**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Grand Challenges, Grand Challenges for Development Initiative, Creating Hope in Conflict: A Humanitarian Grand Challenge, Round 2

The objective of the Creating Hope in Conflict: A Humanitarian Grand Challenge is to 1) identify and accelerate life-saving or life-improving innovations to help the most vulnerable and hardest-to-reach people, impacted by humanitarian crises caused by conflict, and 2) support groundbreaking solutions that engage the private sector and draw from the experiences of affected communities, in order to significantly improve and in many cases save the lives of vulnerable people.

The areas of focus include safe water and sanitation, energy, life-saving information, and health supplies and services. review Key Focus Areas at https://humanitariangrandchallenge.org/rfps/

The goal is to identify solutions that allow communities to respond more nimbly to complex emergencies, and take steps to create better lives for themselves.

https://humanitariangrandchallenge.org/

Value:
Seed innovations: $250,000
Transition-to-Scale innovations: maximum $1,000,000

Application process:
The Grand Challenges application deadline is July 16, 2019.

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

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

The DoD RTRP has announced the following funding opportunities.

1. Idea Discovery Award, the objective: to support innovative, untested, high-risk/ potentially high-reward concepts, theories, paradigms, and/or methods relevant to reconstructive transplant. The outcome of the research should be the generation of robust data, that can be used as a foundation for new avenues of scientific investigation. review Focus Areas, pages 3 - 4 at https://cdmrp.army.mil/funding/pa/FY19-RTRP-IDA.pdf

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

2. Investigator-Initiated Research Award, the objective: to support a) studies that have the potential to make an important contribution to reconstructive transplant research, patient care, and/or quality of life, b) a study
design that is clearly described, rigorous and supports maximal reproducibility and translational feasibility, and c) groundbreaking research.  review Focus Areas, pages 3 – 4 at https://cdmrp.army.mil/funding/pa/FY19-RTRP-IIRA.pdf

Multi-institutional collaborations among clinicians and research scientists are encouraged.

Value:
Single Principal Investigator (PI): maximum $1 million over a maximum 3 years
Multiple PI Option: maximum $1.5 million over 3 years

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

Application process:  
The DoD pre-application deadline is July 17, 2019.

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

Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants

The objective of the Discovery Grant is to support ongoing programs of innovative research with long-term goals, that 1) promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering, 2) advance knowledge, 3) foster research excellence, and 4) provide a stimulating environment for research training.

Discovery Grants are considered “grants in aid” of research, as they provide long term operating funds and can facilitate access to funding from other programs, but are not meant to support the full costs of a research program. Discovery Grants are normally awarded for 5 years.

Applicants must apply with a program of research that is eligible under NSERC’s mandate, which is to promote and assist research in the natural sciences and engineering, other than health.

Eligibility of subject matter


NSERC Webinar
June 19, 2019: 1:00 - 3:00pm
Link: http://nsercofcanada.adobeconnect.com/complete-application/

Application process:
ROADS will provide applicants with guidance documents for completing the Notification of Intent (NOI) and CCV.

The NOI is mandatory when applying for a Discovery Grant. Applicants who do not submit an NOI can not submit a full application. The information contained in the NOI allows NSERC to begin specific aspects of the review process, including the preliminary assignment to an Evaluation Group, the selection of external reviewers, and the verification of the eligibility of the subject matter.

Applicants submit a draft NOI to ROADS for review by July 18, 2019.

The NSERC NOI deadline is August 1, 2019. The application deadline is November 1, 2019.

Subatomic Physics Discovery Grants – 2020 Competition

Application to the 2020 Subatomic Physics (SAP) Grants competition requires an NOI to NSERC by the deadline August 1, 2019, as well as, Subatomic Physics Discovery (SAP-DG), Major Resources Support (SAP-MRS), and Category 2 or 3 Research Tools and Instruments (SAP-RTI) grant applications.

The SAP NOI is mandatory. Researchers who do not submit a SAP NOI can not submit a full application in the Fall. The information contained in the SAP NOI allows NSERC to begin specific aspects of the review process, including confirmation of assignment to the Subatomic Physics Evaluation Section, selection of appropriate external reviewers, and determination of the most appropriate review mechanism for applications requesting major financial support.

review Memo to Potential Applicants at http://www.crsng-nserc.gc.ca/Professors-Professeurs/Grants-Subs/SPE-EPS_eng.asp


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

Canada Mortgage and Housing Corporation (CMHC), National Housing Strategy (NHS): Funding Opportunities

The CMHC has announced the following funding opportunities.
1. **NHS Research and Planning Fund, open call**, the objective: to provide support for housing research to a) build collaboration, engagement and alignment with stakeholders working to achieve common goals, and b) to support the housing community’s research capacity development.

This stakeholder-focused funding opportunity helps promote interest and involvement in housing research outside of government by:

- supporting data development;
- cultivating and supporting highly focused expertise to rapidly overcome challenges;
- developing solutions to improve affordable housing for communities across Canada.

The fund provides financial support in 4 different streams, for:

- individual research projects;
- a program of research;
- planning activities designed to identify research priorities, or lay the groundwork for research;
- knowledge mobilization projects.


**Value:**
- **Individual**: maximum $100,000
- **Program of Research**: maximum $250,000
- **Planning Activity**: maximum $50,000
- **Knowledge Mobilization**: maximum $50,000

For all the above, applicants must provide a minimum 25% (cash and/or in-kind contributions) of the total project cost.

All funds must be used within 2 years of release.

2. **Solutions Labs**, the objective: to provide funding and expert solution lab consultants to help solve complex housing problems, using innovation methods and tools. Teams with diverse experience and knowledge will outline and identify a) the housing problem they wish to examine in the lab, b) their strategy to co-develop and test possible solutions, and c) a roadmap that communicates a clear path for solution uptake and replication.

The goal is to develop world-leading solutions to housing problems that can contribute to the National Housing Strategy’s key priority areas. Review **Priority areas for action** at [https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/priority-areas-for-action](https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/priority-areas-for-action)


**Value:**
- $25,000 to $250,000

The CMHC will support Solutions Labs ranging in duration from 1-3 days lab sprints, to longer term labs of up to 18 months.
Application process:
The CMHC application deadline is July 26, 2019.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Defense Medical Research and Development Program (DMRDP) – Grant

The DoD DMRDP has announced the following funding opportunity.

_Accelerating Innovation in Military Medicine (AIMM) Research Award_, the objective: to support 1) highly creative and conceptually innovative, high-risk research with the potential to accelerate critical discoveries, or major advancements that will significantly impact military health and medicine, and 2) novel research concepts and other efforts that initiate or enhance potential game-changers, that may not be supported by other funding mechanisms or core programs.


Funding for this award supports applied research.

The ultimate impact or outcomes of projects proposed should help to accelerate progress in at least one of the DoD medical research program areas (i.e., medical simulation and information sciences, military infectious diseases, military operational medicine, combat casualty care, radiation health effects, and clinical and rehabilitative medicine).

Value:
maximum $350,000 over a maximum 18 months

Application process:
The DoD pre-application deadline is July 26, 2019.

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

American Foundation for Suicide Prevention (AFSP): Grants

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

The grants are not intended to support the development or implementation of prevention programs, educational programs, treatments, or other interventions that do not have a significant research component.
The American Foundation for Suicide Prevention has announced the following funding opportunities.

1. **Focus Grants**

   a. **Blue Sky Research Grant**, the objective: to support innovative projects in new areas of investigation with potentially high impact for the understanding and prevention of suicide. The grant is open to all fields of inquiry.

   Requirements:
   - the study must be grounded in a conceptual model;
   - evidence for the feasibility of data collection must be provided;
   - the outcome must include suicidal behavior;
   - not limited to studies conducted in the U.S.

   [https://afsp.org/our-work/research/grant-information/the-focus-grants/#section2](https://afsp.org/our-work/research/grant-information/the-focus-grants/#section2)

   **Value:**
   $500,000 per year for a maximum 3 years

   Matching funds or partnering with a large healthcare system is encouraged.

   **Application process:**
   The AFSP letter of intent deadline is **August 1, 2019**.

2. **Innovation Grants**

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

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

   The investigators are at any level.

   [https://afsp.org/our-work/research/grant-information/](https://afsp.org/our-work/research/grant-information/)

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

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

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

Value:
$62,500 per year for 2 years

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

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

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

Value:
$50,000 per year for 2 years

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

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

Grants are awarded to investigators at any level.

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

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

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

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Vision Research Program (VRP): Grants**

The DoD VRP has announced the following funding opportunities.

1. **Focused Translational Team Science Award** (FTTSA), the objective: to support a highly collaborative and translational team initiative that will fundamentally advance the understanding and treatment of eye injury,
and/or visual dysfunction, that result from a military-relevant traumatic event (e.g., blast, blunt, thermal, chemical, directed energy trauma).

To identify an overarching challenge or question that meets the intent of the FTTSA, investigators are strongly encouraged to consider barrier(s) to and/or gap(s) in the understanding, prevention, diagnosis, mitigation, and/or treatment of eye injury or visual dysfunction, and envision what may be achievable in 10 to 15 years. Applications shall include at least three, but no more than five, distinct research projects that together form a concerted and synergistic effort to address the overarching challenge.

Value: maximum $5 million over 4 years

2. Investigator-Initiated Research Award, the objective: to support studies that will yield highly impactful discoveries or major advancements in the research and/or patient care of eye injury, and/or visual dysfunction, as related to military-relevant trauma. Research projects may focus on any phase of research (e.g., basic, translational, applied, clinical, observational), excluding clinical trials. The research idea or solution should be innovative or novel, or a significant advancement over existing ideas or solutions, as applicable.

To support research projects at different stages and the exploration/development of ideas of different maturity levels, two different funding levels are available.

Funding Level 1: supports exploratory, innovative, high-risk/high-reward research that is in the earliest stages of idea development. The research must have the potential to yield new avenues of investigation (e.g., new approaches, new research tools, or new paradigms).

Funding Level 2: supports the advancement of more mature research toward clinical translation. The proposed research must be innovative or novel or offer significant refinements, improvements, or new applications of existing ideas or solutions. Preliminary data supporting the readiness and feasibility of the proposed research are required.

Value:
Level 1: maximum $260,000 over a maximum 2 years
Level 2: maximum $500,000 over a maximum 3 years

3. Translational Research Award, the objective: to support translational research that moves promising discoveries into clinical applications that will advance the prevention, diagnosis, mitigation, and/or treatment of eye injury or visual dysfunction, associated with military-relevant trauma. All applications must establish a clear path to transform a discovery into new drugs, devices, or clinical practice guidelines that are ready for definitive testing in clinical trials during, or by the end of the period of performance. Applicants are strongly encouraged to include at least one collaborator with expertise in the U.S. Food and Drug Administration regulatory approval process on the investigative team.

Value:
Level 1: maximum $260,000 over a maximum 2 years
Level 2: maximum $500,000 over a maximum 3 years

review Research Project examples, pages 4 – 5 at above site.
Value:
maximum $750,000 over a maximum 3 years

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

Application process:
The DoD pre-application deadline is August 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 Duchenne Muscular Dystrophy Research Program (DMDRP): Grant

The DoD DMDRP has announced the following funding opportunity.

Idea Development Award, the objective: to support the development of innovative, high-risk/high-reward research that could lead to critical discoveries, or major advancements that will accelerate progress in improving outcomes for individuals with DMD. The grant is designed to support ideas with the potential to yield impactful data and new avenues of investigation.


Value:
maximum $350,000 over a maximum 2 years

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

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

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

The DoD KCRP has announced the following funding opportunities:

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

A Congressionally mandated Metastatic Cancer Task Force was formed with the purpose of identifying ways to help accelerate clinical and translational research, aimed at extending the lives of advanced state and recurrent patients.
2. **Idea Development Award**, the objective: to support innovative ideas and high-impact approaches, based on scientifically sound evidence, to move toward the KCRP vision of eliminating kidney cancer. The research project should include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach, relevant to active duty Service members, Veterans, other military beneficiaries and the American public.

Value:
maximum $75,000 for 1 year

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

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

Applicants are strongly urged to read and consider the **KCRP Strategic Plan** before preparing their applications. Application process:
The DoD pre-application deadline is **September 17, 2019**. The application deadline is **October 1, 2019**.

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

Canadian Institutes of Health Research (CIHR) and Natural Sciences and Engineering Research Council of Canada (NSERC), CIHR Operating Grant: Collaborative Health Research Projects (NSERC Partnered)

The objective of the **Collaborative Health Research Projects** (CHRP) is to support innovative, interdisciplinary, collaborative research projects requiring participation from the natural sciences or engineering community, together with the health sciences community.

Proposed research projects must have a strong focus on knowledge translation and lead to 1) health and economic benefits for Canadians, 2) more effective health services and products, and/or 3) a strengthened health care system.

In the context of improved health for Canadians, the additional objectives of the CHRP initiative are to:

- translate research results to knowledge/technology users and other stakeholders;
- provide an opportunity for the natural sciences and/or engineering and health research communities to collaborate and integrate their expertise;
- advance interdisciplinary research leading to knowledge and technologies;
- benefit Canada by improving the Canadian healthcare system and/or services;
- lead to economic opportunities in Canada (where appropriate); and
- provide training opportunities for trainees in collaborative and interdisciplinary health research, while preparing them for employment opportunities in the private, public or not-for-profit sectors.

All applicant teams must:

- include at least one science or engineering researcher, and at least one health sciences researcher;
- include trainees (the number of trainees should be commensurate with the size of the project); and
- engage and collaborate with a knowledge/technology user organization that could benefit from the research results.

Clinical Trials will not be funded through this opportunity. However, the use of randomization in basic biomedical research studies is accepted.

[https://www.researchnet-recherchenet.ca/rmr16/wwOpprntyDtls.do?prog=3069&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true](https://www.researchnet-recherchenet.ca/rmr16/wwOpprntyDtls.do?prog=3069&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true)

**Value:**

There is no maximum amount that can be requested. The maximum duration of support for any one grant is 3 years

The total amount available for this funding opportunity is $20.4 million. This amount may increase if additional funding partners participate.
Application process:
Notify ROADS of intent to apply as soon as possible.
The ROADS draft letter of intent deadline is June 12, 2019. The CIHR letter of intent deadline is June 25, 2019.

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

Social Sciences and Humanities Research Council (SSHRC) and the Canadian Environmental Assessment Agency, Knowledge Synthesis Grants: Informing Best Practices in Environmental and Impact Assessments

The SSHRC Knowledge Synthesis Grant funds the synthesis of existing research knowledge and the identification of knowledge gaps. The Canadian Environmental Assessment Agency delivers high-quality environmental assessments.


review the Impact Assessment Act, projects that pose significant risks to the environment in areas of federal jurisdiction, at https://www.canada.ca/en/services/environment/conservation/assessments/environmental-reviews/environmental-assessment-processes.html

The objective of the Informing Best Practices in Environmental and Impact Assessments is to support planning and decision-making tools to 1) minimize or avoid the potential adverse environmental effects of a project, 2) maximize positive impacts and incorporate environmental, social, economic and health perspective factors into decision-making, and 3) gain a better understanding of the ways in which the human and social environments interact with the natural environment.

SSHRC and the Canadian Environmental Assessment Agency have identified three areas applicants must address in their proposals:

- State of knowledge, strengths and gaps
- Research data
- Knowledge mobilization


Value:
$30,000 for 1 year

Application process:
Notify ROADS of your intent to apply as soon as possible.
The initial draft of the Application is due to ROADS by **June 19, 2019**. The final draft and a completed and signed Application Approval Form are due to ROADS by **July 3, 2019**.

The SSHRC application deadline is **July 10, 2019**.

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

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

The FCM has announced the following funding opportunities.

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

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


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

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

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

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

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

announcement site: https://fcm.ca/en/funding

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

Government of Canada: Sustainable Development Goals Funding Program

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

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

https://www.canada.ca/en/employment-social-development/services/funding/sustainable-development-goals.html#h2.3

Value:
$100,000 for 1 year

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

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

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): Event

Worldviews on Media and Higher Education 2019 Conference
June 12 – 14, 2019
University of Toronto, Innis Town Hall, 2 Sussex Avenue, http://townhall.innis.utoronto.ca/

Focus: democracy and the changing power dynamics, and the impact that emerging technologies have on message amplification in a post-truth society
Participants/academics, editors, students, journalists and communication professionals will have the opportunity to engage, exchange ideas, and explore the challenges and opportunities presented by the democratization of higher education and the media.
Ursula Gobel, Associate Vice-President of Future Challenges, SSHRC, will take part in a discussion on creative initiatives in promoting media literacy and critical thinking, linking SSHRC’s work on the Imagining Canada’s Future initiative.


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.
The grant supports 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.

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

Particular importance is placed on applications proposing open-access and open-source approaches to knowledge mobilization.

All proposals must 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 (i.e., disciplinary and professional associations, institutions, individual researchers) Connection Grants to support the development, adoption and dissemination of research data management standards, practices, tools and skills, appropriate to their field. Review Research Data Management Capacity Building Initiative, Evaluation and Adjudication at http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/data_management-gestion_des_donnees-eng.aspx

Value:
Event funding: maximum $25,000 for 1 year (the minimum request required is $7,000)
Outreach Activities funding: maximum $50,000 for 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 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 **June 13, 2019**.

The initial draft of the Application and Letters of Support are due to ROADS by **July 11, 2019**.

The final draft and a completed and signed Application Approval Form are due to ROADS by **July 25, 2019**.

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

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

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**Samsung Advanced Institute of Technology (SAIT), Global Collaboration: Physical and Mental Health**

The SAIT has announced the following funding opportunities under the theme, *Physical and Mental Health*.

1. **Sub Theme: Healthcare Sensors, Algorithms, and Systems**, the objective: to find a) innovative, enabling technologies that will help individuals to manage their own physical condition with ease, and b) novel solutions with high accuracy for the measurement of human health conditions.

   The novel solutions may include healthcare devices, systems enabling applications and sensors based on small form factor technology, health data processing algorithms based on big data analysis, or Artificial Intelligence.


   **Value:**
   maximum $150,000 USD per year

   **Theme: Mental Health**

   2. **Sub Theme: Mental Health Assessment using Mobile Devices**, the objective: to build a context aware, unobtrusive and continuous passive tracking system for mental health. The system should be adaptive and personalized to each user while a) preserving their privacy, and b) ensuring they are comfortable engaging with the system.

   **review example topics,** page 1 at [https://www.sait.samsung.co.kr/saithome/datefile/3-2.%20Mental%20Health.pdf](https://www.sait.samsung.co.kr/saithome/datefile/3-2.%20Mental%20Health.pdf)

   **Value:**
   maximum $150,000 USD per year

   announcement site: [https://www.sait.samsung.co.kr/saithome/about/collabo_apply.do#subTitle](https://www.sait.samsung.co.kr/saithome/about/collabo_apply.do#subTitle)
Application process:
The SAIT application deadline is **June 24, 2019**. (June 25, 2019 Korea Standard Time)

Contact:
Ryan Vieira, Research Contracts Advisor (Science and Engineering), McMaster Industry Liaison Office (MILO), at vieirara@mcmaster.ca or extension 22649

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

The DoD BCRP has announced the following funding opportunities.

**Review for all opportunities, Overarching Challenges, pages 3-4 at specific websites.**

1. **Breakthrough Award Levels 1 and 2**, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.

   **Funding Level 1**: for innovative, high-risk/high-reward research that a) is in the earliest stages of idea development, and b) has clearly defined potential to yield new avenues of investigation. Preliminary data are not required. Proof of concept is the anticipated outcome.

   **Funding Level 2**: for preclinical research that a) is already supported by substantial preliminary or published data, and b) strongly validates clinical translation in a well-defined context within the breast cancer landscape. review [https://cdmrp.army.mil/bcrp/pdfs/Breast%20Cancer%20Landscape.pdf](https://cdmrp.army.mil/bcrp/pdfs/Breast%20Cancer%20Landscape.pdf)

   **Funding Level 2: Population Science and Prevention Studies**: for preclinical research that a) is already supported by substantial preliminary or published data, and b) strongly validates clinical translation in a well-defined context within the breast cancer landscape. review [https://cdmrp.army.mil/bcrp/pdfs/Breast%20Cancer%20Landscape.pdf](https://cdmrp.army.mil/bcrp/pdfs/Breast%20Cancer%20Landscape.pdf)

website: [https://cdmrp.army.mil/funding/pa/FY19-BCRP-BTA12_2.pdf](https://cdmrp.army.mil/funding/pa/FY19-BCRP-BTA12_2.pdf)

Value:
**Level 1**: maximum $450,000 over a maximum 3 years
**Level 1 with a Partnering Principal Investigator (PI) Option**: maximum $750,000 over a maximum 3 years

**Level 2**: maximum $1 million over a maximum 3 years
**Level 2 with a Partnering PI Option**: maximum $1.5 million over a maximum 3 years

**Level 2: Population Science and Prevention Studies**: maximum $1.5 million over a maximum 4 years
**Level 2: Population Science and Prevention Studies with a Partnering PI Option**: maximum $2 million over a maximum 4 years
Application process:
The DoD pre-application deadline is **August 22, 2019**. The application deadline is **September 5, 2019**.

2. **Breakthrough Award Level 3**, the objective: to support advanced translational studies with a high degree of project readiness. Where relevant, proof of availability of and access to necessary data, human samples, cohort(s) and/or critical reagents must be provided. If the proposed research would ultimately require U.S. Food and Drug Administration involvement applications must demonstrate availability of, and access to, clinical reagents (e.g., therapeutic molecules) and patient population(s). Applications must state a realistic timeline for near-term clinical investigation. Small-scale clinical trials may be appropriate.

website: [https://cdmrp.army.mil/funding/pa/FY19-BCRP-BTA3_2.pdf](https://cdmrp.army.mil/funding/pa/FY19-BCRP-BTA3_2.pdf)

**Value:**
maximum $3 million over a maximum 4 years

*Partnering PI Option:* maximum $4 million over 4 years

**Application process:**
The DoD pre-application deadline is **June 26, 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 Peer Reviewed Orthopaedic Research Program (PRORP): Grant**

The DoD PRORP has announced the following funding opportunity.

**Applied Research Award**, the objective: to support research focused on advancing optimal treatment and restoration of function for individuals with musculoskeletal injuries sustained during combat, or combat-related activities. Applicants are encouraged to address how the proposed research will support patient care closer to the point of injury, and/or allow patients to more quickly return to duty/work.

**Applied Research**, definition: *work that refines concepts and ideas into potential solutions with a view toward evaluating technical feasibility of promising new knowledge products, pharmacologic agents, behavioral and rehabilitation interventions, diagnostic and therapeutic techniques, clinical guidance, and/or emerging approaches and technologies.*


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

**Value:**
maximum $750,000 over a maximum 3 years
Application process:
The DoD pre-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 Peer Reviewed Alzheimer’s Research Program (PRARP): Grants

The DoD PRARP has announced the following funding opportunities.

*Review for all opportunities, Overarching Challenges and Focus Areas, pages 3-5 at specific websites.*

1. **Convergence Science Research Award**, the objective: to support innovative or novel efforts to generate research resources, tools, or research efforts for researchers and/or practitioners in health sciences. The proposed work should innovatively challenge existing research paradigms, or exhibit high levels of creativity within the contexts of the PRARP’s mission and vision.


   There are two levels of funding.

   **Funding Level I** is intended to support early-career investigators within 3 years of their first independent faculty position, from any field or discipline.

   **Funding Level II** is intended to support Principal Investigators at or above the level of assistant professor (or equivalent), from any field or discipline. Study teams are expected to demonstrate relevant expertise in both traumatic brain injury and Alzheimer’s disease (AD) and AD-related dementias.

   **Value:**

   **Level I**: maximum $225,000 over a maximum 3 years

   **Level II**: maximum $500,000 over a maximum 3 years

2. **Innovation in Care and Support Award**, the objective: to support innovative research that improves the quality of life and care for individuals living with the common symptoms of traumatic brain injury and/or Alzheimer’s disease (AD) and AD-related dementias, and/or their families and care providers. The proposed work should innovatively challenge existing research paradigms, or exhibit high levels of creativity within the contexts of the PRARP’s mission and vision.


   Innovations and research for symptom reduction (e.g., cognitive, behavioral, function, mood), resiliency factors, increasing or maintaining independence, and support for families and care providers can be included.

   There are two levels of funding.

   **Funding Level I** is intended to support early-career investigators within 3 years of their first independent faculty position, from any field or discipline.
**Funding Level II** is intended to support Principal Investigators at or above the level of assistant professor (or equivalent), from any field or discipline. Study teams are expected to demonstrate relevant expertise in both traumatic brain injury and Alzheimer’s disease (AD) and AD-related dementias.

**Value:**

**Level I:** maximum $225,000 over a maximum 3 years  
**Level II:** maximum $500,000 over a maximum 3 years

3. **Research Partnership Award**, the objective: to create an avenue for collaborative research partnerships between/among investigators to address a research problem, or question in a manner that would be unachievable through separate efforts, as related to the PRARP’s mission. The award requires that a minimum of two investigators (i.e., partners) jointly design a single research project. Multi-institutional research is encouraged. review **Program Description, Vision, Mission**, page 3 at [https://cdmrp.army.mil/funding/pa/FY19-PRARP-RPA.pdf](https://cdmrp.army.mil/funding/pa/FY19-PRARP-RPA.pdf)

In addition to supporting basic research, applications proposing preclinical or pre-validation research are acceptable.

**Value:**

maximum $1,300,000 over a maximum 3 years

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

**Application process:**

The DoD pre-application deadline is **June 26, 2019**. The application deadline is **July 17, 2019**.

**ROADS contact:**

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Epilepsy Research Program (ERP): Grants**

The DoD ERP has announced the following funding opportunities.

**Review for all opportunities, Focus Areas, pages 3-5 at specific websites.**

1. **Idea Development Award**, the objective: to support novel, innovative research to understand the magnitude and underlying mechanisms of post-traumatic epilepsy. The work should innovatively challenge existing research paradigms, or exhibit high levels of creativity within the contexts of the ERP’s mission and vision. review **Program Description, Vision, Mission**, page 3 [https://cdmrp.army.mil/funding/pa/FY19-ERP-IDA.pdf](https://cdmrp.army.mil/funding/pa/FY19-ERP-IDA.pdf)

There are two levels of funding.

**Funding Level I** is intended to support high-risk and/or high-gain applications with named Principal Investigators at or above the level of a postdoctoral fellow (or equivalent), but below the level of assistant professor (or equivalent).
Funding Level II is intended to support a more mature, hypothesis-driven research project. The Principal Investigator must be an independent investigator at or above the level of assistant professor (or equivalent).

Value:
Level I: maximum $300,000 over a maximum 3 years
Level II: maximum $500,000 over a maximum 3 years

2. Research Partnership Award, the objective: to create an avenue for collaborative research partnerships between/among investigators to address a research problem, or question in a manner that would be unachievable through separate efforts. The award requires that a minimum of two investigators (i.e., partners) jointly design a single research project. Multi-institutional research is encouraged.

There are two levels of funding.
Funding Level I is intended to support preclinical or pre-validation research.
Funding Level II is intended to support research requiring access to a patient cohort for a prospective study.
Applications that evaluate the feasibility of using combinations of measures (e.g., neuropsychological assessments, imaging, and genomics) are encouraged. Furthermore, Level II applications should describe how the association of traumatic brain injury (TBI) and subsequent post-traumatic epilepsy will be assessed, or characterized to include a description of the nature of the TBIs in the cohort.


Value:
Level I: maximum $1,300,000 over a maximum 3 years
Level II: maximum $2,000,000 over a maximum 4 years

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

Application process:
The DoD pre-application deadline is June 26, 2019. The application deadline is July 17, 2019.

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

Canadian Space Agency (CSA), Space Exploration Development Directorate: Future Lunar Exploration Activities, Call for Ideas

The Future Lunar Exploration Activities, Call for Ideas offers Canadian, as well as international stakeholders, the opportunity to express an interest to any of the following activities on the surface of the Moon, or its vicinity:

- undertake new science projects, or expand on existing science activities;
- propose new concepts, or expand on existing concepts for science payloads or missions;
- develop, advance and demonstrate technological solutions for space exploration; and/or
provide services enabling the demonstration of science and technology activities (e.g., launch/land capabilities).

The CSA is inviting the community to consult the Call at http://asc-csa.gc.ca/eng/funding-programs/funding-opportunities/ao/2019-lunar-exploration-cfi.asp.

Responses to the CSA must be submitted before midnight (ET), June 28, 2019.

Canadian Institutes of Health Research (CIHR): Let’s Talk CIHR - What are your health research priorities?

The objective of Let’s Talk CIHR is to 1) develop a national dialogue on the future of health research in Canada, and 2) seek experience and expertise towards a new Strategic Plan, Summer 2020.

Join this collective effort to define a vision for Canada’s health research funding ecosystem. review CIHR Background and Health Research for Canadians video at https://letstalk-cihr.ca/about

Participants may:
. complete a survey(s);
. join a conversation in the discussion forum;
. submit a question.

review What are your health research priorities? at https://letstalk-cihr.ca/letstalk

announcement site:  https://letstalk-cihr.ca/ The online Survey deadline is June 28, 2019.

Lung Cancer Canada: Geoff Ogram Memorial Research Grant (GOMRG)

The objective of the GOMRG is to support advancement in lung cancer research programs that are anywhere in the continuum, from basic high impact discovery to translational work, of direct relevance to the clinic and beyond.

The goal of the GOMRF program is to 1) provide a mechanism for scientists to study innovations, and 2) accelerate the application of new knowledge relating to the early detection, methodologies, and etiology of lung cancer in different demographics and populations.

Applications are encouraged from and not limited to the areas of biomedical, clinical, health services, social and population health research.

focus:
. early detection (e.g., screening or blood based testing)
. etiology (specifically light ex-smokers or non-smokers)

Proposals with direct practical relevance to Canadians with lung cancer will be prioritized.


Value:
one $25,000 grant will be awarded for 1 year
Funding will be provided to support the direct costs of a define research program including supplies, expenses, wages and equipment.

Application process:
The Lung Cancer Canada letter of intent deadline is June 28, 2019.

For additional information contact the Senior Advisor below.

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

Spencer Foundation: Grants

The Spencer Foundation invests in education research that is transformative, methodologically rigorous, and helps create a better society.

The Foundation serves to:

- support high-quality education research training;
- broaden the diversity of scholars and scholarship in education research;
- strengthen the impact of education research for improving educational practice;
- make education research more accessible to public audiences.

The Foundation has announced the following funding opportunity:

Field-Initiated Research Grant Programs

Research Grants on Education: Small, the objective: to support projects that contribute to the improvement of education, that a) fosters creative and open-minded scholarship, b) engages in deep inquiry, and c) examines robust questions related to education.

The Foundation seeks proposals from multiple disciplinary and methodological perspectives, both domestically and internationally, from scholars at various stages in their career.
https://www.spencer.org/grant_types/small-research-grant

Value:
maximum $50,000 for 1 - 5 years

Application process:
The Spencer Foundation application deadline is July 1, 2019.
A. J. Muste Memorial Institute: Social Justice Fund

The objective of the Social Justice Fund is to provide support for grassroots activist projects in the United States and around the world, giving priority to those with small budgets and little access to more mainstream funding sources.

The Institute is especially interested in funding efforts to:

- end the violence of borders and the criminalization of immigrants;
- abolish the death penalty, shut down the prison industrial complex, redefine criminal justice;
- confront institutionalized repression against racial, ethnic, gender-based, and LGBTQ communities;
- support progressive workers movements and the eradication of poverty;
- dismantle the war machine, end state sponsored terrorism, and expose the dangers of nuclear power.

https://ajmuste.org/programs

Value:
maximum $50,000

Application process:
The Muste Memorial Institute application deadline is July 8, 2019.

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. review *Focus Areas*, page 3 at https://cdmrp.army.mil/funding/pa/FY19-PRP-EIRA.pdf

**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. review *Focus Areas*, page 3 at https://cdmrp.army.mil/funding/pa/FY19-PRP-IIRA.pdf

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

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

**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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Gulf War Illness Research Program (GWIRP): Grants**

The DoD GWIRP has announced the following funding opportunities.

*Review for all opportunities, Overarching Challenges, pages 3-5 at specific websites.*

1. **Idea Award**, the objective: to support innovative, high-risk/high-reward research in the earliest stages of development that will contribute to markers or treatments for GWI. review *Topics of Special Interest*, page 6 at https://cdmrp.army.mil/funding/pa/FY19-GWIRP-IA.pdf
2. **Research Advancement Award**, the objective: to support applied research in GWI that is aimed at continued expansion and validation of markers and treatments, that are supported by evidence in the GWI field. Inclusion of preliminary data is required. The project should include a well-formed, testable hypothesis that holds translational potential.


Value:
maximum $700,000 over a maximum 3 years

**Biorepository Contribution Option**: maximum $720,000

3. **Patient-Provider and Health Communications Award**, the objective: to support projects aimed at tools and processes to raise awareness of GWI research and clinical findings within communities, including Veterans with GWI and/or their caregivers or advocates; healthcare providers who serve Veterans with GWI; or public health professionals relevant to Veterans with GWI. Strategies developed under this funding opportunity should consider GWI findings at any phase of the research pipeline.


Value:
maximum $700,000 over a maximum 3 years

4. **New Investigator Award**, the objective: to support investigators new to the field of GWI research at different stages of career development.


review *Topics of Special Interest*, page 6 at the above site

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

**Biorepository Contribution Option**: $520,000

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

**Application process:**
The DoD pre-application deadline is July 12, 2019.

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

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

   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

   Value:
   $50,000 - $100,000 for epidemiological analyses for 1 year
Application process:
The Alzheimer’s Drug Discovery Foundation letter of intent deadlines are July 12, October 11, 2019.

3. **Drug Discovery**, the objective: to support a) **Novel drug programs** aiming to advance novel lead molecules to the clinical candidate selection stage, including small molecules and biologics (e.g., antibodies, peptides, gene therapies), and b) **Repurposed/repositioned programs** aiming to build preclinical evidence in relevant animal models for *repurposed* drugs (i.e., existing drugs that are approved for other diseases and conditions), and *repositioned* drugs (i.e., existing drugs that have entered clinical trials for other indications and have not yet been approved).

Value:
$150,000 - $600,000 for 1 year

**Application process:**
The Alzheimer’s Drug Discovery Foundation letter of intent deadlines are July 12, October 11, 2019.

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

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**World Anti-Doping Agency (WADA): Call for Proposals, 2020 Social Science Research Program**

The objective of the **Social Science Research Program** is to support 1) research focused on advancing scientific theory, and 2) research aimed principally at developing practical applications.

There are two categories to the Call, an open call and one, a priority topic, that specifically **measures the effectiveness of existing anti-doping strategies and interventions for athletes and for athlete support personnel**.

For further guidance on research topics, review a list of topics that have been requested in the past, or have been expressed as an area of interest by the WADA Education Committee:

All applicants must clearly demonstrate how the results of the proposed research have the potential to inform the development of effective doping prevention programs.

Proposals that demonstrate partnerships and collaboration between research institutions and anti-doping organizations are looked upon favorably, during the decision-making process. Similarly, interdisciplinary proposals drawing from multiple social science fields (e.g., sociology, psychology, law, economics, management science) are encouraged.


**Value:**
average budget of previously funded projects:

- $20,000 USD, 1 year projects
- $30,000  2 year projects
- $65,000  3 year projects

All projects must have a defined completion date, with a maximum duration of 3 years.

**Application process:**
The WADA application deadline is **July 14, 2019**.

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

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**Canadian Blood Services: Blood Efficiency Accelerator Award Program**

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

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

Priority will be given to projects focused on improving procedures and protocols at Canadian hospitals or at Canadian Blood Services, that will result in improved utilization of red blood cells, platelets and plasma products. The improvements may be realized at any point from vein to vein, that is, from the point of blood collection through the manufacturing, distribution, and blood banking processes to clinical utilization.


**Value:**
$30,000 for 1 year

**Application process:**
The Canadian Blood Services application deadline is **July 15, 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 registration deadline is July 16, 2019. The application deadline is August 6, 2019.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Hearing Restoration Research Program (HRRP): Grant

The DoD HRRP has announced the following funding opportunity.

Focused Research Award, the objective: to support promising research that will accelerate 1) drug discovery and therapeutic development for hearing restoration, or 2) advances in the assessment, diagnosis, and treatment of auditory dysfunction. review Focus Areas, pages 3-4 at https://cdmrp.army.mil/funding/pa/FY19-HRRP-FRA.pdf

The proposed research must be relevant to active duty Service members, Veterans, military beneficiaries, and/or the American public. Applications involving multidisciplinary collaborations among academia, industry, the military Services, the Department of Veterans Affairs, and other Federal Government agencies are highly encouraged.

To support research projects at different stages and the exploration/development of ideas of different maturity levels, two funding levels are available:

Funding Level 1: to support exploratory, high-risk/high-reward research that is in the earliest stages of idea development. The research must have the potential to yield new avenues of investigation (e.g., new approaches, new research tools, or new paradigms). No preliminary data is required, however, applicants must provide solid rationale of the research idea, supported by literature. The investigating team must have sufficient expertise to test the research idea.
**Funding Level 2:** to support the advancement of more mature research toward clinical translation. Funding Level 2 also allows funding for a **Pilot Clinical Trial Option**, where limited clinical testing of a novel intervention is necessary to inform the feasibility, rationale, and design of subsequent clinical trials. Preliminary data supporting the readiness and feasibility of the proposed research are required.

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

**Value:**

**Level 1:** maximum $250,000 over a maximum 2 years  
**Level 2:** maximum $1 million over a maximum 3 years  
Level 2 with a **Pilot Clinical Trial Option:** maximum $1.25 million over a maximum 3 years

**Application process:**
The DoD pre-application deadline is **July 16, 2019**.

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Melanoma Research Program (MRP): Grants**

The DoD MRP has announced the following funding opportunities.

**Review for all opportunities, Focus Areas, pages 3-5 at specific websites.**

1. **Idea Award**, the objective: to support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms, and/or methods in melanoma research. Innovative research may introduce a new paradigm, challenge existing paradigms, look at existing problems from new perspectives, or exhibit other highly creative qualities.

The outcome of research supported by this award must be the generation of robust preliminary data, to use as a foundation for future projects, to understand the mechanisms of initiation or progression of melanoma, the quality of life during and following treatment, etc.  

**Value:**
maximum $300,000 over a maximum 3 years

2. **Team Science Award**, the objective: 1) to support hypothesis-driven studies across the entire spectrum of research to tackle the overarching MRP **Challenge Statement** and **Focus Areas**, and 2) to advance studies in melanoma through a multidisciplinary team, bringing together divergent disciplines to foster a novel approach to melanoma research.


All research projects must address critical knowledge gaps with the MRP Challenge Statement, covering at least one of the required Focus Areas.
At least two, and up to three, Principal Investigators must partner in one overarching study. The inclusion of an early-career investigator is encouraged.

early-career investigator, definition: *an independent, early-career researcher or physician-scientist within 10 years after completion of his/her terminal degree, by the time of the application deadline (excluding time spent in residency, clinical training, or on family medical leave)*. Time spent as a postdoctoral fellow is not excluded.

**Value:**
maximum $700,000 over a maximum 3 years

3. **Translational Research Award**, the objective: to support a) hypothesis-driven, translational, high-impact research, b) mature research projects that specifically focus on critical scientific or clinical melanoma issues, and c) scientific outcomes through rigorous, robust research that are translatable toward treatment and/or preventive strategies.

The research proposed should focus on the commonalities in melanoma research to advance the understanding of the field, leverage research results to maximize impact, and accelerate promising findings toward clinical applicability.

Important factors under consideration will be the continuity of research, clinical applicability, and leveraging of clinical samples from clinical trials and/or biorepositories.


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

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

**Application process:**
The DoD pre-application deadline is **July 26, 2019**.

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

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**The Harry Frank Guggenheim Foundation: Research Grants**

The objective of the **Research Grant** is to support research from the natural, social sciences and the humanities, that promises to increase understanding of the causes, manifestations, and control of violence and aggression.

The highest priority is given to 1) research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world, and 2) areas and methodologies not receiving adequate attention and support from other funding sources.

Grants have been made to study aspects of violence related to:
youth;
social change;
family relationships;
media effects;
crime;
biological factors;
tergroup conflict related to religion, ethnicity and nationalism;
political violence deployed in war and sub-state terrorism;
processes of peace and the control of aggression.

review Introduction and priority areas at http://www.hfg.org/rp/introduction.htm


Value:
$15,000 - $40,000 per year for 1 or 2 years

Application process:
The Harry Frank Guggenheim Foundation application deadline is August 1, 2019.

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

Filmmakers Without Borders (FWB): Filmmaking Grants

The objective of the Filmmaking Grant is to support 1) independent, novice and experienced filmmakers around the world, and 2) narrative/documentary (short/feature film projects) and new media projects that align with themes of social justice, empowerment, and cultural exchange.

Grants are available for all stages of production:

- Development
- Production
- Post-production
- Film Festival Applications

The application process is designed to showcase each respective project’s alignment with the FWB mission, as well as to outline the filmmaker’s goals, implementation strategy, outcomes and expected impact.

review the FWB Mission at http://filmmakerswithoutborders.org/about/

All applicants submit a variety of supporting materials, including a video essay.

http://filmmakerswithoutborders.org/grants/

Value:
Development: $250 - $1,000
Production: $500 - $5,000
Post-production: $250 - $2,500
Film Festival Applications: $100 - $750
Application process:
The FWB application deadline is **August 1, 2019**.

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

International Foundation for Research in Experimental Economics (IFREE): Small Grants Program

The objective of the **Small Grants Program** is to support research projects that are consistent with the IFREE Mission Statement: **IFREE Promotes Human Betterment through Experimental Economics to Improve the Understanding of Exchange Systems**, and their principles of belief.

review Mission at [https://ifreeweb.org/about/mission-statement/](https://ifreeweb.org/about/mission-statement/)
review IFREE ‘s Grounding Principles at [https://ifreeweb.org/about/ifrees-grounding-principles/](https://ifreeweb.org/about/ifrees-grounding-principles/)

Investigators are encouraged to carefully read **Inspiration Anchoring IFREE** at [https://ifreeweb.org/about/inspiration-anchoring-ifree/](https://ifreeweb.org/about/inspiration-anchoring-ifree/).

Value:
maximum $10,000
The grant provides for expenses directly related to a research project (e.g., funding for laboratory subject incentives, research costs, travel to conduct research, software development, etc.).

Application process:
The IFREE application deadline is **August 1, 2019**.

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

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

The DoD LCRP has announced the following funding opportunity:

**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

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**Simons Foundation Autism Research Initiative (SFARI): Bridge to Independence Award**

SFARI’s mission is to improve the understanding, diagnosis, and treatment of autism spectrum disorders. The objective of the **Bridge to Independence Award** is to 1) promote talented early-career scientists by facilitating their transition to research independence, 2) provide grant funding, and 3) identify senior postdoctoral fellows who intend to seek tenure-track faculty positions at Canadian research institutions, during the 2019–2020 academic year.

review **Eligibility** at [https://www.sfari.org/grant/bridge-to-independence-award-request-for-applications/?tab=rfa](https://www.sfari.org/grant/bridge-to-independence-award-request-for-applications/?tab=rfa)

The award is also open to researchers who are not currently working on autism, however, are interested in starting research projects in this area and have expertise that could be brought to bear on this complex disorder.

[https://www.sfari.org/grant/bridge-to-independence-award-request-for-applications/](https://www.sfari.org/grant/bridge-to-independence-award-request-for-applications/)

**Value:**
$495,000 over 3 years

**Application process:**
The SFARI deadline for a Letter of Intent and three Letters of Recommendation is **August 8, 2019**.

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

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**John Templeton Foundation: Small and Large Grants**

The John Templeton Foundation aims to advance human well-being by supporting research on the **Big Questions**, and by promoting character development, individual freedom, and free markets. The Foundation takes its vision from its founding benefactor, who sought to stimulate what he described as “**spiritual progress**.”

**Funding Areas:**

- Science & The Big Questions
- Character Virtue Development
- Individual Freedom & Free Markets
Exceptional Cognitive Talent & Genius
Genetics
Voluntary Family Planning
review Funding Areas at https://www.templeton.org/funding-areas

https://www.templeton.org/grants/apply-for-grant and https://www.templeton.org/grants/grant-calendar

Value:

Small Grants are defined as requests for $234,800 (USD) or less.

Large Grants are defined as requests for more than $234,800.

Application process:
The John Templeton Foundation online funding inquiry deadline is August 16, 2019.

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

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 opportunity:

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
Canada Mortgage and Housing Corporation (CMHC), National Housing Strategy (NHS): Grants and Research Awards

The CMHC has announced the following Housing Research Awards:

The **CMHC Housing Research Awards**, the objective: to provide 1) monetary awards for impactful housing research, 2) research training/knowledge mobilization and outreach: travel awards to support research teams to expand their work and share their knowledge, and 3) support for researcher activities in Northern or remote areas.

The awards are designed to build on, and sustain Canada’s research-based knowledge culture, across all fields related to housing. This includes social sciences and humanities, health and technology.

. **CMHC President’s Medal for Outstanding Housing Research**, the objective: to recognize a significant research contribution that has a) increased knowledge or understanding in one of the NHS priority areas (review **Priority areas for action** at [https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/priority-areas-for-action](https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/priority-areas-for-action)), and b) addressed a priority action area identified by CMHC’s President and Chief Executive Officer; **Using Network Solutions to Improve Housing Affordability**. [https://www.cmhc-schl.gc.ca/en/nhs/medal-for-outstanding-housing-research](https://www.cmhc-schl.gc.ca/en/nhs/medal-for-outstanding-housing-research)

**Value:**
$20,000 to promote and extend the work being honoured

. **Gold Roof Award for Housing Research Excellence**, the objective: to award a significant research contribution that has increased knowledge or understanding in one of the NHS priority areas (review [https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/priority-areas-for-action](https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/priority-areas-for-action)).


**Value:**
$10,000 to promote and extend the work being honoured

. **Gold Roof Award for Knowledge to Action**, the objective: to acknowledge innovative initiatives that have made outstanding contributions that are now leading the way in best practice applications.


**Value:**
$10,000 to promote and extend the work being honoured

. **North Star Travel Award for Northern or Remote Research**, the objective: to provide a travel bursary for students and part-time academic researchers conducting housing related research, or fieldwork in northern or remote parts of Canada.

Value:
maximum $5,000

announcement site: https://www.cmhc-schl.gc.ca/en/nhs/housing-research-awards

Application process:
The CMHC application deadline is **August 26, 2019**.

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

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

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

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

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

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

The research question is:

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


Value:
$25,000 - $50,000 for 1 year
Application process:
The OHTN application deadlines are September 6, December 6, 2019.

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

Hamilton Community Foundation: Edith H. Turner Foundation Fund

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

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

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

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

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

Graham Foundation: Grants to Individuals

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

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

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

Grants to Individuals:

- provide opportunities to create, develop and communicate a project that will contribute to creative, intellectual and professional growth:
support the effort to take positions, develop new forms of expression, and engage debate;

help communicate the work in the public realm and reach new and wider audiences;

support new voices by giving priority to first-time applicants.

review Priorities and Criteria at http://www.grahamfoundation.org/grant_programs?mode=individual

The Foundation offers two types of grants:

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

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

   **Value:**
   maximum $10,000 for 1 year

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

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

   **Value:**
   maximum $20,000 over 2 years

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

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

**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.


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

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

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

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

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

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**Mind & Life Institute**

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

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

Proposals are encouraged across broad domains, including:

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

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

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

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

**Value:**
maximum $20,000
Application process:

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

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/

SickKids Foundation: Grants

The SickKids Foundation has recently announced the following funding opportunity:

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

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

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

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

Application process:
The SickKids Foundation application deadline is September 30, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
**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/](https://www.nordiskkulturfond.org/en/about-us/) and

[https://www.nordiskkulturfond.org/en/project-funding-info/](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/](https://www.nordiskkulturfond.org/en/project-funding-info/)

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

**ROADS contact:**
Scott Johnston, Senior Advisor, at [johnssa6@mcmaster.ca](mailto:johnssa6@mcmaster.ca) or extension 24439

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

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

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

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

- developing new or repurposing existing sensors and sensing systems that can be applied to determining ecological health.

[https://www.nationalgeographic.org/grants/grant-opportunities/conservation-technologies/](https://www.nationalgeographic.org/grants/grant-opportunities/conservation-technologies/)
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

### 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.


**Value:**
maximum $25,000

**Application process:**
The deadline for submission of a proposal is **October 15, 2019**.
A lead-time of at least 9 months is requested between the deadline for submission and the date of the event. Decisions are normally announced within 4 weeks of each deadline.

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

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

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


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

**Application process:**
The Government of Canada application deadlines are:
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22
Contact:
Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at yuyitun@mcmaster.ca or extension 23164

ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding

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

The purpose of this funding opportunity is to support research that will learn from disaster events, in order to better prevent disasters and protect communities in the future.

This joint funding opportunity is being made available under the ICLR Quick Response Program (QRP) and MEOPAR’s Prompt Data Collection Program (PDC).


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

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

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

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

The objective of the Priority Health Innovation Challenge is to identify teams and grow promising innovations in two shared health priorities:

1. improving access to mental health and addictions services
2. home and community care

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

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


**Value:**
maximum $400,000

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

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

**Weston Brain Institute, 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

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**Weston Brain Institute, Early Phase Clinical Trials: Canada**

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

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


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

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

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

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**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.
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

Wabash Center: Project Grants

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

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

The following is available:

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

**Value:**

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

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

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

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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.

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

**Value:**

maximum $10,000

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

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

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**Government of Canada, Natural Resources Canada: Indigenous Forestry Initiative**

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

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

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

Examples of types of activities that IFI funds include:

- preparing plans/assessments that cultivate economic opportunities in forestry;
- training and skills development to support forestry projects;
- business planning including startup or expansion;
- development of forestry related tools, technology, products and services.

Applicants must meet certain criteria and projects must have at least one partner (e.i., academic institutions and research associations working with an Indigenous partner organization).

review Eligible applicants at [https://www.nrcan.gc.ca/forests/federal-programs/13125#who](https://www.nrcan.gc.ca/forests/federal-programs/13125)

Value:
Applicants must submit a project budget.

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

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

Mitacs: Globalink Research Award

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


Value:
$6,000

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

Contact:
Ryan Caldwell, Business Development Specialist, Mitacs and McMaster, McMaster Industry Liaison Office, at caldwejr@mcmaster.ca or rcaldwell@mitacs.ca
Government of Canada, Agriculture and Agri-Food Canada (AAFC): Canadian Agricultural Strategic Priorities Program

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

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

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

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

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

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

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

Application process:

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

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

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Cancer Research Society: Translational Research Partnership Program

The objective of the Translational Research Partnership Program is to 1) support collaborative and pivotal translational cancer research projects, and 2) accelerate the development of new treatments and/or technologies for the benefit of patients.

review Project Eligibility at https://www.societederecherchesurlecancer.ca/en/researchers/translational-research-partnership

Value:
a maximum of $1,500,000 over a maximum 3 years per project of which up to 50% may come from the Cancer Research Society

Application process:
The Cancer Research Society Letter of Intent does not have a deadline date.

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

Global Water Futures (GWF): GWF Affiliate Project

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

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

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

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

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

Application process:
The Project Description has no deadline.

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

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

The objective of the Research Support Program is to fund the development and dissemination of knowledge contributing to a better understanding of Québec, and its Canadian relations.
The Intergovernmental Affairs component primarily supports projects that will 1) contribute to the promotion of Canadian intergovernmental relations, based on the respect of the Constitution and the recognition of Québec’s specificity, and 2) enhance the reflection and discussion on intergovernmental issues in Canada.


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

Grants of less than $15,000 are paid in a single instalment. Grants of $15,000 or more are paid in two instalments: 80% of the grant is paid after confirmation of the approval of the project by the SQRC; 20% at the end of the project upon acceptance of the final report by the SQRC.

**Application process:**
There is no deadline for submission of projects.

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

**Canada Foundation for Innovation (CFI): Research Facilities Navigator**
The objective of the *Research Facilities Navigator* is to provide a searchable, online directory of research facilities in universities, colleges and hospitals across Canada, that are open to working with business.

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

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

https://navigator.innovation.ca/en

**Partnership for Clean Competition (PCC): Research Grants and Micro-Grants**
The PCC supports research that contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants, in all sports, at all levels of play.

The PCC has recently announced the following funding opportunity:

*Micro-Grants*, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge.

http://www.cleancompetition.org/programs/micro-grants-program/

**Value:**
for projects requiring less than $75,000 and fewer than 6 months to complete
Application process:
The PCC accepts Micro-Grant requests year-round.

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

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

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

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

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

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

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

https://www.iclr.org/quickresponse.html

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

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

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


   **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.

   [https://www.shastriinstitute.org/SICI_membership_development_fund_%28SMDF%29](https://www.shastriinstitute.org/SICI_membership_development_fund_%28SMDF%29#overlay-context=SICI_membership_development_fund_%2528SMDF%2529)

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

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

   announcement site: [http://shastriinstitute.org/faculties-india-canada](http://shastriinstitute.org/faculties-india-canada)

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

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

The Research Office for Administration, Development & Support (ROADS) encourages you to consider joining NSERC Committees. Being a Committee Member is a valuable experience that demonstrates your involvement in the community and peer evaluation process, and highlights your expertise in your field.
NSERC invites the Canadian research community (i.e., universities, scientific societies, governments and companies) to submit the names of individuals for possible service on its program-related standing committees, and its various selection committees and panels.

Nominees should be individuals who:

a) are known and respected for their capabilities;
b) know and understand Canadian university-based research;
c) display both breadth and depth of understanding and knowledge in their field and beyond;
d) exercise good judgement; and

e) are able to recognize value to Canada as a whole.

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


ROADS contact:
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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

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