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.


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

January 18, 2019

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

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

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• **Canada Foundation for Innovation (CFI). Conversation on the future of research and research infrastructure in Canada: The role of the Canada Foundation for Innovation – Town Hall Meetings, January 28, 31, 2019 (Kitchener and Toronto)**

• **Weston Brain Institute: Open Funding Opportunities – Webinars January 30, February 27, 2019; Letters of Intent deadline March 13, April 1, 2019, and on a rolling basis**

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

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

• **National Multiple Sclerosis Society: Grants – Pre-application deadline February 6, 2019**
• Burroughs Wellcome Fund: Innovation in Regulatory Science – Application deadline February 6, 2019

• Canadian Hemophilia Society: Grant, CHS – Bayer – ADVANCE Canada Research Program – Application deadline February 8, 2019

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

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

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

• The Klarman Family Foundation: Eating Disorders Research Grants Program – Application deadline February 14, 2019

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

• World Anti-Doping Agency (WADA): Call for Proposals, 2019 Scientific Research Grants – Application deadline February 15, 2019

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

• Graham Foundation: Grants to Organizations – Application deadline February 25, 2019

• Canadian Asthma, Allergy and Immunology Foundation (CAAIF): Grants – Application deadline February 28, 2019

• Tinker Foundation Incorporated: Institutional Grants – Letter of Inquiry opens January 7 – March 1, 2019; Application deadline March 15, 2019

• Banting Research Foundation: Discovery Award – Application deadline March 15, 2019

• Department of Defense, Congressionally Directed Medical Research Programs: FY19 Amyotrophic Lateral Sclerosis Research Program (ALSRP) – Pre-application deadline March 22, 2019


• American Astronomical Society: Henri Chrétien International Research Grants – Application deadline April 1, 2019

• Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition - Application deadline May 1, 2019

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

- **McMaster University, McMaster Institute for Research on Aging: Funding Opportunities – rolling**

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

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

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

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

- **MIRA AND LCMA Matching Funds for Research Opportunities – Rolling**

- **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) – no Project deadline**

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

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

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

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

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

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

**In this Issue:**

**Genome Canada: Genomic Applications Partnership Program (GAPP), Round15**

The objectives of the *GAPP* are to:

1. accelerate the application of Canadian genomics-derived solutions from academia to real-world opportunities and challenges defined by industry, not-for-profit, and public sector *Receptors*;
2. channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;
3. enhance the value of Canadian genomics technologies by de-risking and incentivizing follow-on investment from industry and other partners;
4. foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology Receptors.

In addition to the above, review *Precision Health Initiative – Rare Diseases: Clinical Implementation Projects* at [http://www.ontariogenomics.ca/news-events/funding-opportunities/precision-health-initiative/](http://www.ontariogenomics.ca/news-events/funding-opportunities/precision-health-initiative/).

Eligible **Receptors** include:

- companies (private / public, Canadian / foreign-owned);
- industry consortia;
- government departments and agencies (federal, provincial and municipal);
- healthcare organizations;
- not-for-profit organizations.

To be eligible for GAPP funding, projects must:

a) develop and apply a genomics-derived or genomics-enabling tool, product, or process to an opportunity or challenge defined by the Receptor(s);
b) focus on late stage research and development that will position the innovation for near-term implementation/commercialization;
c) be co-led by an academic and a Receptor organization in partnership with active and necessary roles;
d) demonstrate the potential to generate significant social and/or economic benefits for Canada.


Small or start-up companies may be considered as per the following guidelines, review [https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf](https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf).

Small-scale, proof-of-concept/pilot projects through to large-scale projects will be accepted. Projects should not be in the discovery phase.


**Value:**
The total project size is $300,000 to $6 million.

Co-funding:
- 1/3 investment from Genome Canada (from a minimum contribution of $100,000 to a maximum of $2 million);
- 1/3 provided by the Receptor partner (cash and/or in-kind); and
- 1/3 of other co-funding (non-Genome Canada).

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years. Shorter or longer terms will be considered only if a strong rationale is provided.
Application process:
There is a three-stage, gated application process for this program: 1) Expression of Interest (EOI); 2) EOI / Project Pitch (invited); 3) Supplementary Proposal (invited).

More specifically:
- register your intent to apply to Ontario Genomics and obtain your Draft EOI form;
- complete a Draft EOI and submit it to Ontario Genomics;
- if invited, present a face-to-face business pitch to Ontario Genomics GAAP Review Panel;
- develop the final EOI through active collaboration with Ontario Genomics;
- if invited, develop a supplementary proposal and submit it to Ontario Genomics before submission to Genome Canada.

Deadlines:
Notify ROADS and Ontario Genomics, as soon as possible, your intent to apply to the Round 15 competition.

The Ontario Genomics Draft EOI deadline is February 19, 2019.

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


The objective of this funding opportunity is to develop and validate outcome measures that are 1) suitable for use in intervention studies, and 2) target the core symptoms of autism spectrum disorder.

Such measures should:
- provide objective data with strong psychometric properties;
- be scalable for use in large, multisite studies;
- not be unduly burdensome to participants and families;
- have evident clinical relevance;
- ideally capture naturalistic rather than laboratory behavior; and
- be applicable to subjects across a wide range of ages and levels of functioning.

Webex Informational Sessions
January 25, 29, 2019 at 3:00pm EST
Participation is optional. Both sessions will be recorded and posted online.

https://www.sfari.org/grant/novel-outcome-measures-in-asd-request-for-applications/

Value:
maximum $300,000 per year, including indirect costs, for a maximum 3 years

Application process:
The SFARI notice of intent deadline is February 15, 2019. The application deadline is March 1, 2019.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
French Embassy in Canada, Cultural and Scientific Services: 2019 Mobility Funding for Researchers

The Embassy of France has launched a call for applications to fund the mobility of researchers between Canada and France in 2019.

The applicants must be Canadian or French researchers affiliated to laboratories/departments which are part of a Canadian or French University/Research Centre.

https://francecanadaculture.org/call-for-applications-2019-mobility-funding-for-researchers/

Value:
1. 1 return economy-class flight (Canada-France or France-Canada)
2. A contribution toward subsistence costs (per diem, maximum 3 nights)

Application process:
The ROADS intent to apply deadline is January 28, 2019.

The Application, CV, and invitation letter from the host institution are due to ROADS by February 11, 2019.

The French Embassy application deadline is February 17, 2019.

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

Ontario Centres of Excellence (OCE): (Evolution of Networked Services through a Corridor in Québec and Ontario for Research and Innovation) ENCQOR 5G Academic Technology Development Program

The OCE has recently announced intake for the following new ENCQOR 5G Academic Technology Development, Challenge Statements:

1. Situation Aware Machine Type Communication
   Value: $100,000 for 1 year

2. Virtual Locationing
   Value: $150,000 over 2 years
3. **Interference Management in Heterogeneous Wireless Networks**

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


4. **Distributed Mobility Management of Ultra Reliable Low Latency Communications**

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


**Application process:**
The OCE expression of interest deadline is **January 31, 2019**.

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

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**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.


**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 are **February 1, May 2, October 1, 2019**.

**ROADS contact:**
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439
Simons Foundation, Life Sciences: Simons Collaboration on the Global Brain 2019 Courses and Conferences

The Simons Collaboration on the Global Brain (SCGB) is accepting applications for funding of courses, conferences, and workshops relevant to the SCGB mission. Of particular interest are courses that focus on training in computational and theoretical neuroscience. Conferences that focus on the fields of systems and computational neuroscience are also encouraged to apply.
review https://www.simonsfoundation.org/collaborations/global-brain/


Value:
Funding levels will be determined by budget request and justification for 2 years.

Application process:
The Simons Foundation email inquiry deadline is February 15, 2019.

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

Physiotherapy Foundation of Canada: OrthoCanada Research Award in Neck and Back Rehabilitation and Core Stability

The objective of this funding opportunity is to 1) support the development of treatments related to back and neck rehabilitation and core stability, 2) provide seed funding for mainly pilot or feasibility projects, and 3) further develop the art and science of physiotherapy.

The principal investigator must be a member of the Canadian Physiotherapy Association.

https://cpa.smapply.io/prog/pfc_orthocanada_research_award_in_neck_and_back_rehabilitation_and_core_stability/

Value:
$20,000 for 1 year

The grant may be used to:
. employ assistants (technical or professional) or student trainees;
. remunerate professional advisors;
. purchase materials and supplies;
. buy and maintain equipment and supplies;
. support field travel costs.

Application process:
The Physiotherapy Foundation of Canada application deadline is February 24, 2019.
Canadian Asthma, Allergy and Immunology Foundation (CAAIF): 2019 CAAIF Food Allergy Research Grant

The objective of the Food Allergy Research Grant is to 1) provide seed or supplemental funding for larger projects, or 2) initiate an innovative project idea that requires preliminary data before a larger grant application can be made.

https://research-tools.mun.ca/funding/opportunities/2019-caaif-food-allergy-research-grant/

Value:
1 grant, $25,000 for 1 year

Application process:
The CAAIF application deadline is February 28, 2019.

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

Autism Speaks: Grants

Autism Speaks has recently announced the following funding opportunities:

1) Understanding ASD – Genetics to Behavior – Dataset Analysis, the objective: a) to support novel grant applications to increase our basic understanding of autism – from genetics to behaviour – by analyzing important datasets (Autism Genetics Research Exchange (AGRE) and MSSNG), and b) to provide researchers the support to investigate new hypotheses, or relationships using these datasets. review AGRE at http://research.agre.org/application/newresearcher.cfm review MSSNG at https://research.mss.ng/


Value:
maximum $100,000 for 1 year

Application process:
The Autism Speaks letter of intent deadline is March 6, 2019.

2) 2019 Adult Transition Research Grants, the objective: to establish evidence-based, scalable practices leading to improved postsecondary employment, education, community living, and other key outcomes relevant to adolescents and young adults with autism spectrum disorder (ASD). These projects should include either:
. a Measurement Project: a comprehensive measurement strategy for informing public policy regarding needs or progress in adult transition for autism.
. a Demonstration Project: a rigorous evaluation of intervention or service packages, based on existing promising practices that have been developed for individuals with ASD, or evidence-based practices that have been adapted or modified to suit the needs of adolescents and young adults with ASD.


Value:
maximum $250,000 per year for 3 years

Application process:
The Autism Speaks letter of intent deadline is **March 13, 2019**. The application deadline is **May 23, 2019**.

announcement site: [https://www.autismspeaks.org/scientific-research-grants-how-apply](https://www.autismspeaks.org/scientific-research-grants-how-apply)

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

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Government of Canada, Low Carbon Economy Fund, Low Carbon Economy Challenge: Partnerships Stream

The objective of the **Low Carbon Economy Challenge: Partnerships Stream** is to 1) support applications to reduce greenhouse gas emissions, and 2) consider a project’s potential contribution to clean growth, energy savings and job creation, overall risk and feasibility, and cost-effectiveness.


Value:
The maximum contribution to a project funded through the Partnerships Stream is $10 million. Additionally, the maximum percentage of total project costs the federal government can contribute toward a project for not-for-profit organizations is 40%. Project implementation must be completed by March 31, 2022.

Application process:
The Government of Canada application deadline is **March 8, 2019**.

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrn@mcmaster.ca or extension 21548
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY19 Peer Reviewed Medical Research Program (PRMRP): Grants

The DoD has recently announced the following PRMRP funding opportunities:

1) **Focused Program Award**, the objective: to optimize research and accelerate solutions to a critical question related to at least one of the Congressionally directed FY19 PRMRP Topic Areas through a synergistic, multidisciplinary research program. Review Topic Areas, pages 3-4 at https://cdmrp.army.mil/funding/pa/FY19-PRMRP-FPA.pdf

All applications must describe a unifying, overarching challenge that will be addressed by a set of research projects. The overarching challenge must be relevant to a critical problem, or question in the field of research and/or patient care in at least one of the Topic Areas.

**Value:**
maximum $7.2 million over a maximum 4 years

**Application process:**
The DoD pre-application deadline is March 14, 2019.

2) **Investigator-Initiated Research Award**, the objective: to support studies that will make an important contribution toward research and/or patient care for a disease, or condition, related to at least one of the FY19 PRMRP Topic Areas.

The rationale for a research idea may be derived from a laboratory discovery, population-based studies, a clinician’s first-hand knowledge of patients, or anecdotal data. Applications must include relevant data that support the rationale for the proposed study. The data may be unpublished or from the published literature.

**Value:**
single Principal Investigator: maximum $1.2 million over 3 years
**Partnering Principal Investigator Option:** maximum $1.5 million (over 3 years)

**Application process:**
The DoD pre-application deadline is March 14, 2019.

3) **Technology/Therapeutic Development Award**, the objective: to provide support for the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life, in at least one of the Congressionally directed FY19 PRMRP Topic Areas.

The product(s) to be developed may be a tangible item such as a pharmacologic agent (e.g., drugs or biologics) or device, or a knowledge-based product.

The Principal Investigator (PI) must provide a transition plan, including potential funding and resources with
industry and/or other funding agencies, showing how the product will progress to the next level of development (e.g., clinical trials, delivery to the military or civilian market).

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

**Application process:**
The DoD pre-application deadline is **March 14, 2019.**

4) **Discovery Award,** the objective: to support innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications. All studies are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis.

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

**Application process:**
The DoD pre-application deadline is **March 28, 2019.** The application deadline is **April 11, 2019.**

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

**Government of Canada, Natural Resources Canada, Green Construction through Wood (GCWood) Program: Call for Timber Bridges**

The objective of the Call is to support timber bridges with spans of 20 metres and more in the following categories: **Traffic** and **Pedestrian.**

- **Traffic:** vehicular bridges, including roadway bridges over rivers or train tracks, highway bridges; or
- **Pedestrian:** bridges connecting buildings in urban areas, over roadways, highways, rivers or train tracks.

Eligible projects must:

1. demonstrate the novel use of engineered wood-based products and/or systems and advanced construction technologies, especially those designs that promote longevity and durability by design;

2. have spans of at least 20 meters (bridges could be a single span or have multiple spans; spans can vary depending on the project specifics and use);

3. be predominantly wood; the proposed project could be all wood or hybrid wood/non-wood including use of composite technologies (e.g., carbon and glass fibre reinforced polymers, advanced treatments and high-performance concrete and epoxies);
4. be located in Canada (ownership of, or long-term access to the project site must be clearly demonstrated).

https://www.nrcan.gc.ca/forests/federal-programs/gcwood/20046

**Value:**
Applicants submit project cost estimates, incremental costs, timelines and milestones.

**Application process:**
The Natural Resources Canada expression of interest deadline is **March 25, 2019**.

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

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**Ontario Brain Institute (OBI): Event Funding Program**

The objective of the *Event Funding Program* is to provide financial assistance for events that 1) are aligned with the goal of improving brain health and wellness for Ontarians, and 2) embody OBI’s principles of integration and collaboration.

review *About OBI* at [http://braininstitute.ca/about-obi](http://braininstitute.ca/about-obi)

review *Our Work* at [http://braininstitute.ca/about-obi/our-work](http://braininstitute.ca/about-obi/our-work)

[http://braininstitute.ca/programs-opportunities/event-funding-program](http://braininstitute.ca/programs-opportunities/event-funding-program)

**Value:**
maximum $5,000 for events taking place between May 16, 2019 and September 15, 2019

**Application process:**
The OBI application deadline is **April 12, 2019**.

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

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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:

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

Tools contained in the Toolkit:

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

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

Previously Announced:

Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1

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

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


To assist in the planning and implementation of a partnership, review the SSHRC Partnerships Tool-Kit at http://www. sshrc-crsh.gc.ca/about-au_sujet/partnerships-partenariats/toolkit-trouse_d-information-eng.aspx

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

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

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

Notify ROADS of intent to apply by December 7, 2018.
The draft Application is due to ROADS by **January 2, 2019**. The final draft and a completed and signed Application Approval Form are due to ROADS by **February 5, 2019**.

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

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

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

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

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

Collaborations will enable researchers to:

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

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

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

4) generalize and/or scale up local experiences.

The international research projects must:

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

b) include teams from both sides of the Atlantic.

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

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

- **International**: Postsecondary institution.

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

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

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

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

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

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

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

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


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


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

Application process:
Notify ROADS of intent to apply by **January 15, 2019**.

The initial draft of the application and letters of support are due to the ROADS by **February 22, 2019**. The final draft, and a completed and signed Application Approval Form, are due to ROADS by **March 8, 2019**.
The SSHRC application deadline is March 15, 2019.

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

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**Canadian Frailty Network: Webinars**

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

https://register.gotowebinar.com/register/7456538608271781890

https://register.gotowebinar.com/register/4790965554924290

announcement site: https://www.cfn-nce.ca/webinars/

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**CANARIE Inc: National Data Services Framework Summit 2019**

CANARIE is an ultra-high-speed network that 1) connects Canada’s researchers, educators and innovators to each other, 2) connects global data and technology, and 3) funds and promotes reusable research software tools and national research data management initiatives to:

- accelerate discovery;
- provide identity management services to the academic community;
- offer advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

_National Data Services Framework Summit_

January 24-25, 2019
Ottawa

Research Data Canada will bring together a broad stakeholder community to discuss the opportunities and challenges of building a National Data Services Framework (NDSF).

The _NDSF Summit_ is a forum where the Canadian research data management community can learn, collaborate, exchange ideas, and discuss common issues with a goal of 1) developing a shared understanding of the current Canadian landscape, and 2) making recommendations for future initiatives.

announcement site: https://www.canarie.ca/
Canada Foundation for Innovation (CFI), Conversation on the future of research and research infrastructure in Canada: The role of the Canada Foundation for Innovation – Town Hall Meetings

In November the CFI shared with the community a discussion paper; *Conversation on the future of Research and Research Infrastructure in Canada: The role of the Canada Foundation for Innovation*.

The CFI invited the community to answer a number of questions, related to trends, that are likely to shape how CFI will approach research and state-of-the-art infrastructure over the next ten to 20 years. review *CONVERGENCE*, page 5, and *Questions to consider*, page 6, at https://www.innovation.ca/sites/default/files/pdf/discussionpaper_eng_finalb.pdf

The CFI will be holding *Town Hall Meetings* to which all institutions are invited to send attendees; university administrators (vice-presidents of research, deans, department heads and research office staff), researchers, including project leaders and key partners.

**Waterloo-Kitchener**
Crowne Plaza Waterloo-Kitchener – 105 King St. East, Kitchener, ON
**January 28, 2019**
1pm – 3pm
Kitchener #1

**Toronto**
Delta Chelsea – 33 Gerrard St. West, Toronto, ON
**January 31, 2019**
2pm – 4pm
Rossetti Room

To ensure there is enough space for attendees, select the town hall meeting you wish to attend by completing a registration form, including an email address.

Register at: http://innovation.hostedincanadasurveys.ca/index.php/587785?lang=en&_cldee=bWNpbnR5cEBtY21hc3Rlci5jYQ%3d%3d&recipientid=contact-523d47f2114ce811a95a000d3af468fbc061488d4cda24d6b911cc96591c2850d&esid=93d7047b-56fd-e811-a974-000d3af43d1a

The registration deadline is **January 7, 2019**.

Weston Brain Institute: Open Funding Opportunities

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

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

- **Parkinson’s and Related Diseases** (e.g., Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; Multiple system atrophy; prodromes; vascular contributions to the listed diseases)
- **Alzheimer’s and Related Diseases** (e.g., Alzheimer’s disease; frontotemporal dementia; mild cognitive impairment; prodromes; vascular contributions to the listed diseases)


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

**Webinars**
The Institute will hold a *Program Information Webinar* for each disease focus to provide further details on the program, and answer questions.

*Parkinson’s: January 30, 2019* at 1:00pm EST
Register: [https://register.gotowebinar.com/register/696231032820020738](https://register.gotowebinar.com/register/696231032820020738)

*Alzheimer’s: February 27, 2019* at 1:00pm EST
Register: [https://register.gotowebinar.com/register/211241951826066955](https://register.gotowebinar.com/register/211241951826066955)

**Value:**
maximum $300,000 over a maximum 18 months per project

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

*Parkinson’s: March 13, 2019*

*Alzheimer’s: April 1, 2019*

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

Focus:

- **Parkinson’s and Related Diseases** (e.g., Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; Multiple system atrophy; prodromes; vascular contributions to the listed diseases)
- **Alzheimer’s and Related Diseases** (e.g., Alzheimer’s disease; frontotemporal dementia; mild cognitive impairment; prodromes; vascular contributions to the listed diseases)


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

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**Alzheimer’s:** February 27, 2019 at 1:00pm EST
Register: [https://register.gotowebinar.com/register/2112419518260669955](https://register.gotowebinar.com/register/2112419518260669955)

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

**Application process:**
The Weston Brain Institute letter of intent deadlines:
*Parkinson’s:* March 13, 2019
*Alzheimer’s:* April 1, 2019

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

The Institute defines neurodegenerative diseases of aging to include:

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


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

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

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

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

Parkinson Canada has recently announced the following funding opportunities:

1) **Pilot Project Grants**, the objective: to foster novel, high-potential projects and ideas with a trajectory for major grants with larger granting institutions.  
**Value:** maximum $50,000 for 1 year

2) **Pilot Project Grant, Targeted Competition: Progressive Supranuclear Palsy (PSP)**  
**Value:** maximum $50,000 for 1 year

3) **New Investigator Award**, the objective: to support junior faculty in a Canadian university in his/her first 5 years of their career as a research scientist in Canada.  
**Value:** $45,000 per year for 2 years

4) **Basic Research Fellowship**, the objective: to support Candidates who hold a doctoral degree (MD or PhD) and may be Canadian citizens who propose to train at an Approved Institution located inside or outside of Canada, or international applicants proposing to train at an Approved Institution located in Canada.  
**Value:** $40,000 - $50,000 per year for 2 years

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

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

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

**Canadian Institute for Advanced Research (CIFAR): CIFAR Azrieli Global Scholars**

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

[https://www.cifar.ca/research/global-scholars](https://www.cifar.ca/research/global-scholars)

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

**Application Process:**
The CIFAR application deadline is **February 5, 2019**.
ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

National Multiple Sclerosis Society: Grants

*Research Grants*, the objective: to support studies related to multiple sclerosis that may serve to advance the mission of stopping MS progression, restoring function and improving the quality of life, and preventing MS.

The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

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

**Value:** Applicants submit a budget per year.

**Application process:** The National Multiple Sclerosis Society pre-application deadline is **February 6, 2019**.

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

Burroughs Wellcome Fund: Innovation in Regulatory Science

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

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

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

**Value:**
maximum $500,000 over 5 years

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

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Canadian Hemophilia Society (CHS): Grant

The CHS has announced the following funding opportunity:

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

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

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

**Value**: one or two $30,000 research grants to a maximum $60,000 for 1 year
**Application process**: The CHS application deadline is **February 8, 2019**.

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

World Wood Day Foundation: Research Grant

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

Ongoing projects and new initiatives are encouraged. The proposals will be evaluated on their originality and scholarly excellence by a group of professionals from various disciplines.

[http://www.worldwoodday.org/2019/researchGrant](http://www.worldwoodday.org/2019/researchGrant)

**Value**: maximum $12,000 USD

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

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

Orthopaedic Trauma Association (OTA): Research Grants

The OTA has recently announced the following funding opportunities:
1. **OTA Member, Full Grant Pre-proposal**, the objective: to support any research issue related to musculoskeletal trauma (excluding product development).

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

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

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

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

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

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

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

**Announcement site:** [https://ota.org/research/grants](https://ota.org/research/grants)

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

**Grand Challenges Canada: OPTions Innovation Initiative**

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

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

- new approaches to increasing early access to existing abortion products and services; and
- new methods of pregnancy termination.
https://optionsinitiative.org/

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

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

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

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

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**The Klarman Family Foundation: Eating Disorders Research Grants Program**

The objective of the *Eating Disorders Research Grants Program* is to 1) understand the biology underlying the psychiatric disease anorexia nervosa, 2) support bold, imaginative, game-changing research with high potential impact and importance to anorexia nervosa, and 3) accelerate progress toward prevention and treatment.

The Foundation seeks to:

- fund well-controlled, sufficiently powered studies asking important questions regarding the interface between behaviour/cognition and neurobiology;
- strengthen the connections between the epidemiology, genetic epidemiology, and molecular biology of the disease; and
- identify the mechanisms through which genetic, environmental, and lifestyle factors lead to disease.


**Value:**

- maximum $150,000 USD (inclusive of up to 10% indirect costs) for a 1 year pilot study
- maximum $250,000 USD per year (inclusive of up to 10% indirect costs) for 1 – 3 year research projects

**Application process:**
The Klarman Family Foundation application deadline is **February 14, 2019.**

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

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**Wabash Center: Project Grants**

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

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

The following is available:

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

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

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

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

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

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**World Anti-Doping Agency (WADA): Call for Proposals, 2019 Scientific Research Grants**

The objective of the *Scientific Research Grant* is to 1) support innovative, fact-based research, 2) promote projects regarding development, or optimization of analytical tools for the detection and/or quantification of doping substances or methods, 3) identify new trends in doping, new drugs, new delivery mechanisms, and 4) consolidate the *Athlete Biological Passport* (ABP), as well as, the pharmacology of prohibited substances and drug cocktails.


Higher priority will be granted to proposals addressing:

- detection of peptide hormones and growth factors;
- improved window or limits of detection for prohibited substances/methods (e.g., detection of new long-term metabolites, improved methodologies of detection, etc.);
- autologous blood transfusions; and
- the ABP (e.g., new biomarkers and target analytes of the ABP including its hematological, steroidal and endocrine modules).


Value:
Applicants submit a budget for a maximum 3 years.

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

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

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

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

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

Value:
magnitude $25,000

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

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

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

**Graham Foundation: Grants to Organizations**

The objective of the Grants to Organizations is to:

1. assist with the production/presentation of significant programs regarding architecture and the designed environment to promote dialogue, raise awareness, and develop new and wider audiences;

2. support organizations in their effort to take risks in programming and create opportunities for experimentation;

3. recognize the vital role organizations play in providing individuals with a public forum in which to present their work.

review Priorities and Criteria at http://www.grahamfoundation.org/grant_programs?mode=organization
The Graham Foundation offers **Production and Presentation Grants**. These grants assist organizations with the production-related expenses that are necessary to take a project from conceptualization to realization, and public presentation. The projects include, but are not limited to:

- publications;
- exhibitions;
- installations;
- films;
- new media projects;
- conferences/lectures and other public programs.

**Value:**
maximum $30,000
Production and Presentation Grants must be completed within 2 years of the project start date.

**Application process:**
The Graham Foundation application deadline is **February 25, 2019**.

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

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**Canadian Asthma, Allergy and Immunology Foundation (CAAIF): Grants**

The CAAIF has recently announced the following funding opportunities:

1) **CAAIF Food Allergy Research Grant**, the objective: to support food allergy related research. This competition may be a means of securing seed or supplemental funding for larger projects, or to initiate an innovative project idea that requires preliminary data, before a larger grant application can be made.  
   https://www.allergyfoundation.ca/applications and  
   https://docs.wixstatic.com/ugd/36acda_f7f790ba827d46b1a9a19076ac44297c.pdf  
**Value**: one grant, maximum $25,000, for 1 year

2) **Aralez Pharmaceuticals Canada Inc. and CAAIF Research Grant in Allergic Rhinitis or Urticaria**  
This competition may be a means of securing seed or supplemental funding for larger projects, or to initiate an innovative project idea that requires preliminary data, before a larger grant application can be made.  
https://www.allergyfoundation.ca/applications and  
https://docs.wixstatic.com/ugd/36acda_f7f790ba827d46b1a9a19076ac44297c.pdf  
**Value**: one grant, maximum $50,000 for 1 year

**Application process:**
The CAAIF application deadline is **February 28, 2019**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Tinker Foundation Incorporated: Institutional Grants

The objective of the Institutional Grant is to support the development of effective policy changes that improve the lives of Latin Americans.

The Foundation's funding is directed to three program areas in which focused, expert research and innovation have the potential to make significant, positive impact.

- **Democratic Governance**
  review [https://www.tinker.org/content/democratic-governance](https://www.tinker.org/content/democratic-governance)

- **Education**
  review [https://www.tinker.org/content/education](https://www.tinker.org/content/education)

- **Sustainable Resource Management**
  review [https://www.tinker.org/content/sustainable-resource-management](https://www.tinker.org/content/sustainable-resource-management)

Successful proposals have 1) a strong public policy component, 2) offer innovative solutions to problems facing these regions, and 3) incorporate new mechanisms for addressing programmatic areas.

Activities may include, but are not restricted to research projects, workshops, and conferences related to the Foundation's areas of interest (above).

The Foundation encourages collaboration among organizations in the United States and Latin America, and prefers to fund institutions that are actively engaged with a broad array of stakeholders impacted by the identified challenge.

Funding for general support may be considered on a limited basis.

[https://www.tinker.org/content/institutional-grants](https://www.tinker.org/content/institutional-grants)

**Value:**
Applicants submit a budget and estimate the duration of the project.

**Application process:**
The Tinker Foundation Incorporated Letter of Inquiry opens **January 7 – March 1, 2019.** The application deadline is **March 15, 2019.**

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

Banting Research Foundation: Discovery Award

The objective of the Discovery Award is to support outstanding, new investigators (i.e., investigators who are within the first three years of their independent appointment at a university/research institute in Canada) in any area of health and biomedical research.
The award provides seed funding to gather pilot data to enhance competitiveness for other sources of funding.

The application must be accompanied by a letter of nomination from the applicant’s host department or division head that:

1. confirms all eligibility criteria have been met  
   (review Eligibility at https://www.bantingresearchfoundation.ca/grants/guidelines/);  
2. details the operating and the institutional start-up funds available to the applicant;  
3. confirms the candidate has been provided the space and access to institutional infrastructure necessary to conduct the proposed research;  
4. details a mentorship plan, including the name of a mentor, who will assist the applicant in launching their career by a) providing guidance with formulating research proposals, and b) defining career goals and the timelines required to achieve them.

A department/division head will be permitted to nominate only one potential applicant during each annual granting cycle.

announcement site: https://www.bantingresearchfoundation.ca/grants/

Value:
maximum $25,000 for 1 year from July 1, 2019 to June 30, 2020

Application process:
The Banting Research Foundation application deadline is March 15, 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 Amyotrophic Lateral Sclerosis Research Program (ALSRP)

The DoD ALSRP has recently announced the following funding opportunities:

1) Therapeutic Development Award, the objective: to support research ranging from validation of therapeutic leads through U.S. Food and Drug Administration (FDA) Investigational New Drug (IND)-enabling studies. The proposed studies are expected to be empirical in nature and product-driven. review Examples of activities, II.B. Award Information, page 3 at https://cdmrp.army.mil/funding/pa/FY19-ALSRP-TDA.pdf

Applications supported by this award must begin with lead compounds in hand and must include preliminary data relevant to the phase of development. review page 4, Proof of identity and purity etc. at https://cdmrp.army.mil/funding/pa/FY19-ALSRP-TDA.pdf

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

**Value:** maximum $1 million over a maximum 2 years;

*Therapeutically Relevant Marker Option:* maximum $1,250,000 over a maximum 2 years

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

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

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

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


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

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

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

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


The objective of the **Applied Research Competition** is to 1) support studies that expand the body of knowledge related to autism intervention and treatment, 2) produce practical and clearly objective results, 3) impact public policy, and 4) provide outcomes that offer to enhance quality of life for persons with autism, and their families.

The OAR has placed an emphasis on research that addresses the following targeted areas:

- Community-Based Assessment and Intervention for Challenging Behavior
- Effectiveness of Augmentative Communication Systems
- Improving Access to and Effectiveness of Existing Systems and Services
Integrated Employment
Intersectionality, Equity and Diversity
Mental Health Assessment and Intervention
Mid-life and Older Adults
Residential/Community Services and Supports

https://researchautism.org/research-grants/apply-for-a-grant/applied-research/ and
https://researchautism.smapply.io/prog/applied_research_competition/

Value:
maximum $40,000 over 1-2 years

Application process:
The OAR pre-proposal deadline is March 25, 2019.

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


The objective of the Henri Chrétien International Research Grant is to support international, collaborative projects in observational astronomy.

Emphasis is placed on long-term visits and the development of close working relationships with astronomers in other countries.

https://aas.org/grants-and-prizes/chr%C3%A9tien-international-research-grants

Value:
maximum $20,000 USD to one or more individuals, or groups

Application process:
The American Astronomical Society application deadline is April 1, 2019.

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

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

The objective of the Joseph H. Fichter Research Grant Competition is to support members of the Association involved in 1) promising sociological research on women in religion, or 2) the intersection between religion and gender, or 3) religion and sexualities. All proposed research must be sociological in nature.
Applicants must be members of the ASR at the time of application. 
review Become A Member at http://www.sociologyofreligion.com/member/create-profile.php

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

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

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

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

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

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

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

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

Contact:
Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at vuyitun@mcmaster.ca or extension 23164
ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding

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

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


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

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

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

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

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

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

The aim of the CLSA is to find ways to help us live long and live well, and understand why some people age in healthy fashion while others do not.


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

MIRA membership is required to be eligible.

Data access applications are accepted three times per year.

announcement site: https://mira.mcmaster.ca/research/funding-opportunities
Value:
MIRA can support access fees of $3,000 for a maximum 10 applications. Applications are accepted on a rolling basis.

Contact:
Laura Harrington at harrinl@mcmaster.ca

Weston Brain Institute, Big Ideas: Canada

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

The Institute defines neurodegenerative diseases of aging to include:

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

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

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

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

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

Weston Brain Institute, Early Phase Clinical Trials: Canada

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

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


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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Value:
Matching funds up to $100,000

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

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

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

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

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

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

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

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

To begin, please follow this link: FUTURE CHALLENGES PRIORITIZATION

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

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

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

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

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

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

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

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

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

Shastri Indo-Canadian Institute (SICI): Grants

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

1. **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.

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

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

   **ROADS Contact:**
   Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583
Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership

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

NSERC invites the Canadian research community (i.e., universities, scientific societies, governments and companies) to submit the names of individuals for possible service on its program-related standing committees, and its various selection committees and panels.

Nominees should be individuals who:

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

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


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