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• **Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations (Round 21)** - Application deadline May 2, 2018

• **Bill & Melinda Gates Foundation, Global Grand Challenges: Campylobacter spp. Transmission Dynamics in Low- and Middle-Income Countries** – Letter of Inquiry deadline May 2, 2018

• **Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges** – Application deadline May 2, 2018

• **John Templeton Foundation: Grants** – Online Funding Inquiry deadline August 31, 2018


*Previously announced:*

• **Government of Canada, Networks of Centres of Excellence of Canada: Networks of Centres of Excellence Knowledge Mobilization (NCE-KM) Initiative** – Notify ROADS of Intent to Apply by February 23, 2018; NCE Letter of Intent deadline April 16, 2018

• **Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE)** – Webinar Slides; Notify Department Chair, Associate Dean Research, as well as ROADS of Intent to Apply by February 26, 2018; NSERC Letter of Intent deadline May 1, 2018

• **Social Sciences and Humanities Research Council (SSHRC): Connection Grants** – Notify ROADS of Intent to Apply by March 13, 2018; SSHRC Application deadline May 1, 2018

• **McMaster University, ROADS: SSHRC Exchange** – Spring 2018 Conference Attendance & Representational Activities Grants (formerly the Arts Research Board Spring Conference Attendance & Representational Activities Grants) – Application deadline EXTENDED April 2, 2018

• **McMaster University, MacPherson Institute: Research Grants and Young Innovator Award** – Application deadlines April 2, 13, 2018

• **Diabetes Canada: New Investigator Award and Diabetes Investigator Award** – Application deadline April 2, 2018

• **U.S. Agency for International Development, the UK Department for International Development (DFID), and Grand Challenges Canada (Government of Canada, Global Affairs Canada), Creating Hope in Conflict: A Humanitarian Grand Challenge** – Registration deadline April 9, 2018; Letter of Intent deadline April 12, 2018

• **Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities: 1) Capacity Building Stream** – Registration as soon as possible, Preliminary Proposal deadline April 10, 2018; 2) **BioHeat, Demonstration & Deployment Program Streams** – Registration as soon as possible, Application deadline May 17, 2018
• Canadian Cancer Society Research Institute: Impact Grants – Letter of Intent deadline April 10, 2018

• Christopher & Dana Reeve Foundation: Quality of Life Grants Program - Direct Effect Letter of Intent deadline April 11, 2018, Application deadline May 1, 2018

• Canadian Frailty Network, the Canadian Foundation for Healthcare Improvement, the Canadian Institutes of Health Research – Institute for Aging: FRAILTY MATTERS Innovation Showcase, September 20, 2018 – National Conference - innovation submission deadline April 12, 2018

• Canadian Blood Services: MSM Research Grant Program: Registration deadline April 15, 2018; Application deadline June 30, 2018

• Azrieli Foundation and Brain Canada: Early-Career Capacity Building Grants – Application deadline April 17, 2018

• Canada-European Commission: Request for Applications, European Commission International Flagship Collaboration with Canada for human data storage, integration and sharing to enable personalized medicine approaches – Application deadline April 18, 2018

• Weston Brain Institute, Rapid Response: Canada 2018 - Alzheimer’s & Related Diseases – Letter of Intent deadline April 19, 2018

• SickKids Foundation, National Grants: New Investigator Research Grants – Application deadline April 20, 2018

• Brain Tumour Foundation of Canada: 2018 Brain Tumour Research Grant – Application deadline April 27, 2018

• Scottish Rite Charitable Foundation: Major Research Grants – Application deadline April 30, 2018

• Mitacs: Globalink Research Award – apply by May 2018

• Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition – Application deadline May 1, 2018

• Crohn’s & Colitis Foundation: Grants – Letter of Intent deadline May 1, 2018

• CANARIE: Canadian Research Software Conference – May 29 – 30, 2018

• ALS Canada: ALS Canada Project Grant Program 2018 – Application deadline June 8, 2018

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

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

• 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, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award – 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.**

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**Natural Sciences and Engineering Research Council of Canada (NSERC), NSERC Workshop: Transitioning from an NSERC Engage Grant to an NSERC Collaborative Research and Development (CRD) Grant**

NSERC is hosting a special workshop aimed specifically at assisting Engage Grant researchers and industry partners to successfully transition toward a longer-term project using NSERC CRD support.

The workshop will prepare Engage researchers to 1) strategically plan their next steps to capitalize on the momentum and trust already established with private-sector partners, 2) negotiate long-term commitments, 3) discuss partner project costs (i.e., NSERC/industrial partner contributions; cash and in-kind).


**March 20, 2018** at 10:00am - 12:00pm
Burke Science Building, Room # B138
Register by contacting: Ryan Vieira, Research Contracts Advisor (Science and Engineering), McMaster Industry Liaison Office, at vieira@mcmaster.ca or extension 22649

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The objective of the *Proof-of-Principle* program is to support high-impact projects that seek to develop novel microbiome-based therapies.

Eligible projects will:

1) establish an innovative line of translational research and provide proof-of-principle evidence in support of new therapeutic or health applications of the microbiome (i.e., intervention or preventative strategies);

2) catalyze longer-term bench-to-bedside initiatives that seek to move discoveries through to clinical application;
3) focus on modulation of the microbiome to improve health by one of the following two paths: a) Prebiotic approaches, b) Probiotic or Postbiotic strategies.


Value:
maximum $150,000 per project over 12-18 months

Application process:
The W. Garfield Weston Foundation letter of intent deadline is March 21, 2018.

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

Cancer Research Society: UpCycle Drug Repurposing Grants Competition

The objective of the UpCycle Drug Repurposing Grant is to accelerate the discovery of treatments for cancer patients.

Eligible projects should fall into one of the following categories:

1) screening of an approved compound (the selected library is the Pharmakon Collection from MSDiscovery at http://www.msdiscovery.com/pharmakon.html);

2) computer-assisted or in silico screening followed by pharmacological validation of FDA-approved, off-patent, repurposed compounds;

3) in cellulo or in vivo validation of an FDA-approved, off-patent drug with demonstrated drug repurposing potential.

The research must be performed using proteins or cells of human origin, unless a compelling case can be made for another organism.

https://www.societederecherchesurlecancer.ca/en/researchers/upcycle-drug-repurposing-grant

Value:
maximum $100,000 over 12 – 18 months

Application process:
The Cancer Research Society letter of intent deadline is March 27, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Dairy Farmers of Canada, Dairy nutrition: Research Funding

The Dairy Farmers of Canada (DFC) funds research to respond to 1) research gaps related to the role of dairy products in nutrition, health and sustainability, and 2) applications that have nutritional and health implications for Canadian dairy products, and are relevant to Canadian dairy farmers.

Research proposals which feature milk products in their entirety, demonstrate technological innovation and utilize a multidisciplinary approach to address fundamental and applied research questions, are of interest. Applied human randomized, controlled trials and mechanistic studies in humans are of particular interest.

The current research priorities and areas of interest are as follows:

1) the role of dairy products, especially full-fat and specific dairy food matrices (milk, yogurt and cheese) on cardiometabolic health and healthy aging;

2) the role of sugar-sweetened milk and yogurt on diet quality and cardiometabolic health;

3) the role of dairy products, particularly milk, in musculoskeletal health;

4) the role of dairy products in a healthy sustainable diet (including plant-based diets).

https://www.dairynutrition.ca/research-funding

Value:
$50,000 per year for a maximum 2years

Application process:
The Dairy Farmers of Canada letter of intent deadline is April 3, 2018.

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

Alzheimer’s Association: GAAIN Exploration to Evaluate Novel Alzheimer’s Queries (GEENA-Q)

The Global Alzheimer's Association Interactive Network (GAAIN) is a large data platform for cohort discovery and data exploration focused on Alzheimer's disease and dementia. review GAAIN at http://www.gaain.org/

The objective of the GEENA-Q program is to 1) support scientific investigation using the GAAIN tools to generate creative insights into Alzheimer's and dementia queries, and 2) to accelerate our knowledge of biological and/or clinical change across the continuum of disease.

All proposals should focus on correlations and investigations across multiple data sets and utilize the GAAIN Data Partners for the specific area of interest.

Value:
$25,000 over 6 – 18 months

Application process:
The Alzheimer’s Association letter of intent deadline is April 4, 2018.

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

**Genome Canada: Large Scale Applied Research Project (LSARP) Competition – Information Session**

Genome Canada will be launching their next LSARP competition, shortly.

Based on past LSARP competitions, projects will likely need to be large scale applied scientific or GE3LS (i.e., genomics and its ethical, environmental, economic, legal and social aspects) projects, that focus on using genomic approaches within the agriculture, agri-food and fisheries/aquaculture sectors, and 1) include end users as part of the project teams, 2) be multi-disciplinary (science and social science/humanities), and 3) have a total 4-year budget between $2 million-$10 million.

Co-funding will be required and project deliverables will need to lead to social and/or economic benefits to Canada.

The anticipated launch is June 2018. While the competition parameters are still being finalized, ROADS would like to alert potential applicants to begin project preparation and networking.

ROADS is hosting an information session with Caitlin Taylor, Senior Manager, Research and Business Development at Ontario Genomics.

**LSARP Information Session**

**April 5, 2018**
1:30 - 3:00pm
Michael DeGroote Centre for Learning and Discovery, room 2232

Researchers will learn how to work with partners and Ontario Genomics to position a research project for success, from the application stage to implementation. Caitlin will be available after the information session to meet with individual researchers or groups, who wish to discuss their projects and ask questions.

Register at: [https://www.eventbrite.ca/e/genome-canada-information-session-registration-44040851372](https://www.eventbrite.ca/e/genome-canada-information-session-registration-44040851372)

Specific program information and guidelines will be sent to researchers once this program is launched.
Government of Canada, Department of National Defence and the Canadian Armed Forces, Defence Engagement Program: Targeted Engagement Grant

The Department of National Defence is currently in the process of implementing its new Defence Policy, Strong, Secure, Engaged. The new policy calls upon the Department to bolster its academic and expert outreach to ensure decision-makers within the Defence Team fully benefit from the advice of the expert community in Canada.

The Defence Engagement Program will conduct a trial to help assess ways to channel the expert community’s knowledge into the Department through collaborative networks and the Targeted Engagement Grant.

The construct must be able to bring together multidisciplinary teams from different parts of the country – and abroad – to work on security and defence challenges identified by the Department. The trial network must focus its efforts in supporting a departmental policy priority as identified at Defence Team Engagement Priorities, at http://www.forces.gc.ca/en/training-paid-education/priorities.page.


Value: $100,000 over 1 year
This level of funding is for the trial only. Funding levels will change once a network model has been chosen and implemented.

Application process:
The Department of National Defence application deadline is April 6, 2018. A second round of grants will be launched Fall 2018 with funds to be awarded by the end of December.

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

Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards Round 14

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

The ERA program is open on a competitive basis to researchers who are full-time faculty or principal investigators who, at the application deadline, are based at an eligible institution. To be eligible for the Round 14 competition, applicants must have 1) started their first independent academic appointment on or after July 1, 2013, and 2) obtained their first PhD/MD/DVM or terminal degree on or after July 1, 2008.

review Eligibility at https://www.ontario.ca/page/early-researcher-awards#section-1

The ERA program encourages applications from all disciplines. All applications will be evaluated on the excellence of the researcher, the quality of the research, the development of research talent, and the strategic value for Ontario.
Value:
maximum $100,000 (for direct costs) over 5 years; in addition, maximum $40,000 (for indirect costs)
The funds may be used for salaries, benefits, research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

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

Eligible sources of matching funds include:

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

review Ineligible partner contributions at https://www.ontario.ca/page/early-researcher-awards-program-guidelines#section-4

Application process:
Notify your Department Chair, Associate Dean Research, and ROADS of intent to apply by April 9, 2018. The draft Notice of Intent (NOI) and signed matching funds letter are due to ROADS by May 29, 2018. The MRIS notice of intent deadline is June 1, 2018.

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


The objective of this funding opportunity is to 1) support researchers who will design and implement scientific protocols to investigate health risks associated with space travel, and 2) maximize the use of Bio-A and Bio-M systems for in situ data collection to:

- contribute to the understanding, mitigation or elimination of health risks associated with human space flight;
- contribute to a better understanding of similar health issues or applications on Earth;
- propose innovative space life science studies to be conducted on the ISS including those that may use astronauts as subjects;
- minimize requirements for transport of materials to and from the ISS;
- foster training of highly qualified personnel in space health and life sciences.


Webinar
April 12, 2018 at 4:00pm (EST)
Value:
maximum $750,000 for new Canadian projects; $500,000 for Canadian participation in an international project; maximum 5 years

Application process:
The Canadian Space Agency application deadline is April 26, 2018.

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

Spencer (Spencer Foundation): Small Research Grants and The New Civics

Spencer has announced two funding opportunities:

1) **Small Research Grants**, the objective: to support academic work that will contribute to the improvement of education, broadly conceived.
   *Areas of Inquiry:* The Relation between Education and Social Opportunity; Teaching, Learning and Instructional Resources; Organizational Learning in Schools, School Systems and Higher Education Systems; Purposes and Values of Education; Field-Initiated.
   [http://www.spencer.org/small-research-grants-program-statement](http://www.spencer.org/small-research-grants-program-statement)

2) **The New Civics**, the objective: to support proposals that ask critical questions, specifically, how education can more effectively contribute to the civic development of young people. The New Civics has supported projects that 1) deepen the understanding of educational and other influences on civic action, 2) attend to social inequalities in civic education, and 3) show potential to shape future research and practice in these fields.

Value:  
Small Research Grants and The New Civics: $50,000 or less

Application process:
The Spencer application deadline is May 1, 2018.

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

Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations (Round 21)

The Bill & Melinda Gates Foundation is inviting proposals for the next round of Grand Challenges Explorations for the following three challenges:

1) **Affordable, Accessible, and Appealing: The Next Generation of Nutrition**, the objective: to advance
innovative technologies to enhance the availability and accessibility of affordable, nutritious foods for low-income consumers (working within the key constraint that these innovations must be relevant to market-based food systems in low and middle-income countries). The target population is young women, mothers and children from 6-23 months of age.


2) **Innovations in Immunization Data Management, Use, and Improved Process Efficiency**, the objective: to promote the effective use of timely and relevant data to drive programmatic performance (i.e., to increase the number of children vaccinated globally).

Focus:

. Innovative ideas for improving the measurement approaches for immunization data (e.g., process, equity, coverage indicators) with a focus on data use by program managers, triangulation across data sources, and methods to measure and quantify data use.

. Novel approaches for improving process efficiency that will lead to improved quality of service delivery.


3) **Tools and Technologies for Broad-Scale Disease Surveillance of Crop Plants in Low-Income Countries**, the focus: All proposals must:

. offer an innovative and transformative solution for surveillance and early detection of crop pests and diseases;

. offer potential for dramatic cost reductions or increases in efficiency or precision compared to current strategies;

. be amenable to integration into a national or regional pest and disease surveillance and response system for crop plants;

. have potential applicability to at least two of the following crops: maize, wheat, rice, millet, sorghum, cassava, sweet potatoes, yams, bananas, beans, cowpeas, chickpeas, and groundnuts;

. convey a clear potential for achieving broad geographic scale.


https://gcgh.grandchallenges.org/grant-opportunities?f%5B0%5D=field_initiative%3A37073

Value:

maximum $100,000 USD for initial grants; successful projects are eligible to receive maximum $1 million USD for follow-on funding

Application process:

The Bill & Melinda Gates Foundation application deadline is **May 2, 2018**.

ROADS contact:

Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Bill & Melinda Gates Foundation, Global Grand Challenges: *Campylobacter* spp. Transmission Dynamics in Low- and Middle-Income Countries (LMIC)

The objective of this funding opportunity is to solicit proposals to examine the transmission of *Campylobacter* spp. in communities.

Proposals must generate data to understand the sources of *Campylobacter* infection in children in LMICs, and the dynamics of transmission in LMIC communities of interest. Countries in South Asia and Sub-Saharan Africa with high rates of childhood under-nutrition, are of specific interest.

Analyses of the data are expected to address the question of whether a human vaccine for *Campylobacter* is a necessary and appropriate strategy, in spite of the complexities associated with auto-immune responses to *Campylobacter* antigens.


**Value:**
Applicants submit a budget. Research studies must not exceed 2 years.

**Application process:**
The Bill & Melinda Gates Foundation letter of inquiry deadline is **May 2, 2018**.

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

Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges

The Misk Foundation, *Misk Grand Challenges*, have officially been announced:

1) *Activating Global Citizenship: Building the Next Generation of Global Citizens for the Global Goals*, the objective: testing and implementing concepts and strategies to engage young people in efforts that will reduce inequality related to the first six Global Goals:

   . Goal 1: No poverty
   . Goal 2: Zero hunger
   . Goal 3: Good health and well-being
   . Goal 4: Quality education
   . Goal 5: Gender equality
   . Goal 6: Clean water and sanitation

Investigators are invited to propose innovative and creative solutions that uses new knowledge to positively engage young people in one or more goals, in both scale and depth.

2) **Reinventing Teaching and School Leadership: Preparing the Youth with the 21st Century Skills Needed for a Knowledge Economy**, the focus: new, innovative ideas that cover one or more of the following areas that impact teaching and/or school leadership:

- Reinventing the recruitment process
- Transforming training and professional development
- Improving resources that support high-quality learning
- New forms of management
- Any other area that drastically improves the performance of teachers and school leaders in line with the new competency-based curriculum of the future.


[https://grandchallenges.org/grant-opportunities](https://grandchallenges.org/grant-opportunities)

**Value:**
maximum $100,000 USD over 12-18 months

**Application process:**
The Misk Foundation application deadline is **May 2, 2018**.

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

**John Templeton Foundation: Grants**

The objective of the John Templeton Foundation is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the **Big Questions**. Review **Vision, Mission & Impact** at [https://www.templeton.org/about/vision-mission-impact](https://www.templeton.org/about/vision-mission-impact)

**Core Funding Areas:**

- Science & The Big Questions
- Exceptional Cognitive Talent & Genius
- Genetics
- Voluntary Family Planning;
- Character Development
- Individual Freedom & Free Markets

Review **Funding Areas** at [https://www.templeton.org/funding-areas](https://www.templeton.org/funding-areas)

The Foundation has announced two grant types: Small; Large

**Value:**
**Small Grants**: requests for $234,800 USD, or less  
**Large Grants**: requests for more than $234,800 USD

**Application process:**
The John Templeton Foundation online funding inquiry deadline is **August 31, 2018**.
**Government of Canada, Networks of Centres of Excellence of Canada: Networks of Centres of Excellence Knowledge Mobilization (NCE-KM) Initiative**

The objective of the **NCE-KM Initiative** is to support 1) collaborations between knowledge producers and knowledge users from various disciplines, sectors and institutions including industry, government, not-for-profit organizations, 2) various sources and types of knowledge for the social, economic, technological and/or wellness benefit of the Canadian population, 3) networks that focus on addressing key problems, challenges and opportunities of high strategic importance to Canada.

Support is available for networks pursuing knowledge translation along the entire spectrum: from the range of activities encompassed in knowledge mobilization (e.g., creation of activities and tools designed to place knowledge into active service, often through the establishment of new or modification of existing policies, processes and standards) to those encompassed in commercialization (e.g., the transformation of knowledge or technology into marketable goods, processes or services).


**Value:**
The total competition budget is currently set at $4.8 million over 4 years ($1.2 million/year).

Successful networks will be awarded up to $400,000 per year for 4 years with a possible 3 year renewal for networking costs, network administration, etc.

**Application process:**
All proposals require commitments from the University, as well as private- and/or public-sector partners. Letters of Intent (LOIs) from McMaster researchers require Faculty and University endorsement. Once ROADS has received approval from the Associate Dean Research, a Senior Advisor will be assigned to assist with the development of the proposal.

Notify ROADS and your Associate Dean Research of your intent to apply by **February 23, 2018**. Draft LOIs are due to ROADS for review by **March 26, 2018**. The LOIs must be received by the NCE Secretariat by **April 16, 2018**.

Only LOIs selected by the NCE Selection Committee will be invited to submit a full application by September 4, 2018.

**ROADS contact:**
Pamela McIntyre, Assistant Director, Development, at mcintyp@mcmaster.ca or extension 23713
Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE)

Access the NSERC CREATE webinar slides: http://nsercofcanada.adobeconnect.com/p1v1842ki7nq/?OWASP_CSRFTOKEN=4bb1084b3b9b7c2d4a20cc8abc8a235371ac48ce11e9274a71fa58b2671b257d

The objective of the CREATE program is to support the training of teams of highly qualified students and postdoctoral fellows from Canada, and abroad, through the development of innovative training programs that 1) encourage collaborative and integrative approaches, 2) address significant scientific challenges associated with Canada’s research priorities, and 3) facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

The training programs should encourage the following, as appropriate:

a) student mobility nationally or internationally between individual universities, and between universities and other sectors;
b) interdisciplinary research within the natural sciences and engineering (NSE), or at the interface between the NSE and health, or the social sciences and humanities (the main focus of the training must still lie within the NSE);
c) increased collaboration between industry and academia;
d) improve job-readiness within the industrial sector (i.e., exposing participants to the specific challenges of the sector and training people with the skills identified by industry).

Each training initiative must 1) focus on providing a value-added experience to the university training environment, 2) prepare research trainees for their future careers in industry, government, or academia.

NSERC priority areas:

- Environmental science and technologies
- Natural resources and energy
- Manufacturing
- Information and communications technologies
- other (applicants may submit training programs that do not fall under any of the priority areas listed above).

The CREATE program offers three opportunities within its current budget envelope:

1) **Regular Stream**: involves a variety of collaborations; academic/government/industry/NGO, Canadian/international.

2) **Industrial Stream**: links industry and academia to increase the supply of highly qualified personnel who are “employer-ready” and can generate immediate results after graduation.

3) **International Collaboration**, The German Research Foundation: supports a bilateral training program that involves an exchange of students between Germany and Canada. (review [For the International Collaboration Deutsche Forschungsgemeinschaft (DFG) at http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp](http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp))
Value:
maximum $1.65 million over 6 years
Applicants may request a minimum of $100,000 to a maximum of $200,000 in Year 1, and a minimum of $250,000 to a maximum of $350,000 in years 2 to 6.

Application process:
Since institutional commitments may be involved, Faculty endorsement is required for all applications on which McMaster researchers are identified as applicants or co-applicants.

Notify your intent to apply to your Department Chair, your Associate Dean Research, as well as ROADS, by February 26, 2018.

The Letter of Intent (LOI) is due to ROADS by March 19, 2018.

NSERC has limited the number of LOIs that may be submitted by McMaster to six. The LOIs submitted by March 19, 2018 will undergo an internal review process using NSERC’s selection criteria. Only those selected by McMaster’s internal selection committee will be forwarded to NSERC by May 1, 2018. Only LOIs selected by NSERC’s CREATE multidisciplinary committee will be invited to submit a full application for September 22, 2018.

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

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. Events and outreach activities funded by this grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities.

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

Connection Grants support workshops, colloquia, conferences, forums, Summer institutes or other events or outreach activities that facilitate:
a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;
c) intersectoral exchanges between academic researchers in the humanities and social sciences, and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
d) international research collaboration and scholarly exchanges between researchers, students, and non-academic partners from other countries.

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


Value:

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

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

SSHRC will not fund the full cost of any Connection event or outreach activity. Additional support in the form of cash and/or in kind contributions (excluding registration fees) equivalent to a minimum of 50% of the amount requested from SSHRC must come from sponsoring organizations. Applicants may draw on complementary funding from SSHRC research grants and/or other research funding agencies, however, must make clear in their budget proposal that there is no duplication of financial support for the same budget expenses. While SSHRC funds may be used in this complementary way, these funds cannot be counted towards the 50% requirement for matching funds.

**Application process:**

Notify ROADS of Intent to Apply by **March 13, 2018**. The initial draft of the application and letters of support are due to ROADS by **April 10, 2018**. The final draft, and a completed and signed Application Approval Form are due to ROADS by **April 24, 2018**. The SSHRC application deadline is **May 1, 2018**.

**ROADS contact:**

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

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**McMaster University, ROADS:** (Social Sciences and Humanities Research Council of Canada) **SSHRC Exchange – Spring 2018 Conference Attendance & Representational Activities Grants** (formerly the Arts Research Board, Spring Conference Attendance & Representational Activities Grants)

The objective of the **SSHRC Exchange - Conference Attendance & Representational Activities Grant** is to support 1) the applicant’s participation in national and international conferences of major scholarly significance, 2) the representational activities for scholars who hold executive office in scholarly organizations, 3) the advancement and dissemination of knowledge in the Humanities, Social Sciences, and Business, 4) the enhancement of the stature of the participant and the University.

Presenting a major exhibition of work at a national or international conference will also be supported, however, funding will be at the discretion of the Faculty Conference Sub-Committee.

Conference funding cannot be granted for only conference attendance.
Priority will be given to applicants requesting support for the presentation of a peer-adjudicated submission at a major, learned conference.

https://roads.mcmaster.ca/funding/arb/conf and https://roads.mcmaster.ca/forms

Value:
maximum $4,000
Researchers who submit multiple applications to the same competition, or who submit an application to more than one competition within two fiscal years (April 1 to March 31), will be awarded the maximum over a 2 year period.

Application process:
Applications must be received by April 2, 2018 by 4:30pm. (extended deadline)

Contact:
Applications must be sent to Muriel Gervais, Research Administration Analyst.
gevaism@mcmaster.ca, extension 21756

McMaster University, MacPherson Institute: Research Grants and Young Innovator Award

The MacPherson Institute has recently announced the following Research Grants and the Young Innovator Award:

Research Grants

1) **Priority Areas for Learning and Teaching Research (PALAT) Grant**, the objective: to support six stated priority areas:

   . Community-engaged education;
   . Interdisciplinary teaching and learning;
   . Social justice, inclusion, and critical pedagogy;
   . Student engagement, retention, and success;
   . Technology-enhanced education;
   . Undergraduate research and inquiry.

2) **Teaching and Learning Grants**, the objective: to improve the quality of students’ learning; to encourage scholarly investigation, development or implementation of a project that enhances McMaster students’ educational experience.

https://mi.mcmaster.ca/research/#grants

3) **Petro Canada - McMaster University Young Innovator Award**, the objective: 1) to recognize the research achievements of an innovative scholar within the first eight years of his or her research career, 2) to provide funding support to the scholar to enable the active participation of undergraduates in the research endeavour.

https://mi.mcmaster.ca/petro-canada-award/
Value:
PALAT: maximum $4,000 for 1 year
Teaching and Learning: maximum $2,000 for 1 year
Petro Canada - McMaster University Young Innovator: maximum $25,000 for 1 year

Application process:
The MacPherson Institute application deadline for the PALAT Research Grant and the Teaching and Learning Research Grants is April 2, 2018.

The application deadline for the Petro Canada - McMaster University Young Innovator Award is April 13, 2018.

Contact:
for PALAT and Teaching and Learning: migrants@mcmaster.ca
for, Petro Canada - McMaster University Young Innovator Award: Alyson Brown, Research Coordinator, MacPherson Institute, browna22@mcmaster.ca, extension 20856

Diabetes Canada - Grants

Diabetes Canada has recently announced the following funding opportunities:

1) New Investigator Award, the objective: to provide operating support and salary (if required) to independent researchers at the beginning of their careers. The research must describe related projects which are all aligned to achieve objectives that have impact on people living with and impacted by diabetes.

The applicant must be an independent researcher with an academic or research appointment. At the time of application, no more than 5 years may have elapsed since the applicant’s first academic appointment as an assistant professor, or equivalent.

2) Diabetes Investigator Award, the objective: to provide operating support to independent researchers through the bulk of their careers. The research must describe related projects which are all aligned to achieve objectives that have impact on people living with and impacted by diabetes.

The applicant must be an independent researcher with an academic or research appointment. At the time of application, no fewer than 5 years and no more than 15 years may have elapsed since the applicant’s first academic appointment as an assistant professor, or equivalent.

http://www.diabetes.ca/getmedia/12a7c3bb-08bb-43f9-835a-2ab2e1ab8f1b/2018_Research_Competition_Guide_-_FINAL_-_English.pdf.aspx and
http://www.diabetes.ca/research/research-grants-awards-competitions/current-research-competition

Value:
New Investigator: maximum $125,000 per year for 3 years. The investigator may choose to allocate up to $50,000 per year for salary support.

Diabetes Investigator: maximum $125,000 per year for 3 years. The investigator may choose to allocate up to $50,000 per year for salary support.
Application process:
The Diabetes Canada application deadline is **April 2, 2018**.

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

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U.S. Agency for International Development, the UK Department for International Development (DFID), and Grand Challenges Canada (Government of Canada, Global Affairs Canada), **Creating Hope in Conflict: A Humanitarian Grand Challenge**

The objective of **Creating Hope in Conflict: A Humanitarian Grand Challenge** is to support and accelerate solutions that enable life-saving or life-improving assistance to reach the most vulnerable, hardest-to-reach people in conflict-generated humanitarian crises.

Successful innovations will engage the private sector and involve input from affected communities in order to provide, supply, or locally generate clean water and sanitation, energy, life-saving information, or health supplies and services.

The innovations must enable local solutions, serve local needs and delivery gaps, overcome common delivery barriers in conflict settings, or improve on the timeliness and cost efficiency of current humanitarian delivery methods.


The following is available:

1) **Seed** funding, the objective: 1) to test new ideas and approaches to humanitarian assistance, 2) to determine whether or not they are effective.

By the end of the funding period, projects that receive seed funding are expected to demonstrate 1) evidence (e.g., proof of concept) in a controlled or limited setting, 2) greater assistance in the location, 3) lower reliance on importations, 4) reduction of other significant barrier(s) to obtaining assistance, 5) potential to be implemented at scale in other contexts.

**Value:**
maximum $250,000 per project over a maximum 24 months
Awardees may receive additional support such as publicity and marketing promotional support, access to exclusive industry, investor and partner networking events, basic acceleration support, mentorship opportunities, and partnership brokering.

2) **Transition to Scale (TTS)** funding, the objective: to support strategic partnerships for the transition to scale and sustainability of innovative solutions.
Value:
maximum $1,000,000 per project over a maximum 24 months

Matched funding (cash) from strategic partners for activities that further the growth, development, commercialization, or adoption of the innovation (e.g., manufacturing, distribution, marketing, networks) will be interpreted as an increased commitment by a partner. Most awardees will be required to secure a 1:1 match within the TTS funding period; however, this will be assessed on a case-by-case basis during the due diligence process. Strategic partners may provide human and other non-financial resources to the project activities; however, awardees are not allowed to rely only upon these types of in-kind contributions to meet the matching requirements.


Application process:
The Grand Challenges Canada registration deadline is April 9, 2018. The letter of intent deadline is April 12, 2018.

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

Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities

Natural Resources Canada (NRCan) has recently announced two funding opportunities through the Clean Energy for Rural and Remote Communities (CERRC) Program.

1) Capacity Building Stream, the objective: to support proposals that outline knowledge and skill-building initiatives to reduce dependency on diesel in rural and remote communities.

Focus:
  . Curriculum and technical training
  . Network development or support
  . Youth and energy
  . Women and energy
  . Community energy planning or resource assessments
  . (other) Working on something interesting?

https://www.nrcan.gc.ca/energy/science/programs-funding/20477

Value:
$100,000 - $400,000 over 1 to 6 years

Application process:
The NRCan registration deadline is now. The preliminary proposal deadline is April 10, 2018.
2) **BioHeat, Demonstration & Deployment Program Streams**, the objective: to support proposals to reduce the reliance of rural and remote communities on diesel fuel for heat and power. All proposals will need to demonstrate local community support and outline the community benefits of the project, particularly for Indigenous communities.

Focus:
- BioHeat to reduce fossil fuel use
- Innovative demonstrations to reduce diesel use
- Deployment of renewable energy technologies for electricity


**Value:**
$100,000 - $400,000 over 1 to 6 years

**Application process:**
The NRCan registration deadline is **now**.

Proposals received by:
- **April 12, 2018**, applicants are granted a half-hour phone call to ask questions related to their submission;
- **May 3, 2018**, submissions will be reviewed for completeness and applicants are notified of missing documentation.

The NRCan application deadline is **May 17, 2018**.

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

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**Canadian Cancer Society (CCS) Research Institute: Impact Grants**

The objective of the **Impact Grant** is to 1) support significant progression in all 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, 2) accelerate and focus the knowledge gained from scientific findings into outcomes that will significantly advance the understanding of cancer, 3) improve scientific knowledge which will result in optimized patient care, improved cancer treatment, or reduced cancer burden.

Applicants are strongly encouraged to form multidisciplinary teams including early career investigators.

*A special call for breast cancer research is being included in the 2018 Impact Grants funding opportunity.* Applicants applying to this initiative must include a relevance statement.


**Value:**
maximum $250,000 per year for a maximum 5 years
The funds may be used for the purchase and maintenance of animals, expendable supplies, minor items of equipment, payment of graduate students, postdoctoral fellows and technical and professional assistants, open access publication costs, research travel, and permanent equipment.

Grants will be renewable at the end of their term.

**Application process:**
The CCS letter of intent deadline is **April 10, 2018**.

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

Christopher & Dana Reeve Foundation: **Quality of Life Grants Program**

The objective of the **Quality of Life Grants Program** is to 1) drive innovation, and invest in groundbreaking spinal cord research to advance promising solutions to the forefront of care, 2) support and respond to the priority needs of the community of people living with paralysis.

This year, the Reeve Foundation is piloting a **tiered** approach to the structure of the Quality of Life Grants Program.

1) **Direct Effect, Tier 1**, the objective: to clearly impact individuals living with paralysis and their families, and to support the wide range of projects and activities of the traditional Quality of Life Grants.

Examples:

a) sports wheelchairs for wheelchair basketball team;
b) adapted glider in a community playground;
c) kayak for a rowing program;
d) accessible lockers in a gym;
e) hydraulic lift at a pool;
f) electronic door openers at a community center;
g) wheelchair accessible picnic table at a county fairground;
h) camp scholarships;
i) subsidized lessons for therapeutic riding;
j) transportation costs for an inclusive after-school program;
k) stipends for support group leaders.

All projects are **open-focused**.

**Grant value**: maximum $15,000
Projects must be completed within 12 months.

Application process:
The *Direct Effect, Tier 1*, letter of intent deadline is **April 11, 2018**. The application deadline is **May 1, 2018**.

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

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**Canadian Frailty Network (CFN), the Canadian Foundation for Healthcare Improvement, the Canadian Institutes of Health Research – Institute for Aging: FRAILTY MATTERS Innovation Showcase, September 20, 2018, Toronto – National Conference**

The objective of the *FRAILTY MATTERS Innovation Showcase National Conference* is to invite organizations who have implemented or are planning to implement an innovative practice or program, a new policy or training program, or services delivered to older adults living with frailty and all responsible for their care.

One applicant will be named, **2018 Frailty Innovation of the Year**, by delegates and invited healthcare leaders and decision makers.

Submission examples:

- citizen-led initiatives;
- community volunteer programs;
- service provision, delivery, training in all settings of care (home residential/long term facilities, acute, primary and palliative);
- policies and practices;
- determinants of health influencing frailty (nutrition, exercise, mobility, dental health, social factors).

The CFN will review all submissions based on their impact in addressing frailty, the potential to scale up and spread to other regions and jurisdictions, and potential to impact policy and practice.

Winning submissions could become a focal point for projects/initiatives with CFN and its network of partners across Canada.

[http://www.cfn-nce.ca/](http://www.cfn-nce.ca/)

Submission process:
The CFN innovation submission deadline is **April 12, 2018**.

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**Canadian Blood Services: MSM Research Grant Program**

The objective of the *MSM Research Grant Program* is to ensure the generation of adequate evidence-based research for alternative screening approaches for blood or plasma donors, which could evolve the current deferral policy for men who have sex with men (MSM), while maintaining the safety of the blood supply.
https://blood.ca/en/research/funding-programs

Value:
**Small Project** grants: maximum $50,000 for a maximum 1 year
**Large Project** grants: maximum $300,000 for a maximum 2 years

Application process:
The Canadian Blood Services registration deadline is **April 15, 2018**. The application deadline is **June 30, 2018**.

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

**Azrieli Foundation and Brain Canada: Early-Career Capacity Building Grants**

The objective of the **Early-Career Capacity Building Grant** is to accelerate novel, transformative, new lines of research that will fundamentally change our understanding of nervous system function and dysfunction, and their impact on health.

The goal is to reduce the social and economic burden of neurological and mental health problems by prevention, early diagnosis, and treatment.

The research topic must focus on the fundamental properties and mechanisms of the brain and nervous system, including:

1) basic research into fundamental neuroscience challenges, including functional studies based on the use of genome data;
2) projects related to disease or dysfunction of the nervous system if they will lead to new insights into fundamental biological mechanisms;
3) projects aimed at developing novel methods, or models of neural activity, if these methods allow new neuroscientific questions to be answered.

This opportunity is open to individual investigators in the early phase of their careers at a Canadian Institution, within three years of obtaining an independent research position, by the deadline to apply (April 17/18). Such an individual normally holds the rank of assistant or associate professor, is able to initiate and direct their own independent lines of research, has full responsibility for the running of their laboratories, has full control of their research funds, and is permitted to supervise graduate students.


Value:
maximum $100,000 per project over 2 years
Application process:
The Azrieli Foundation application deadline is April 17, 2018.

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

Canada-European Commission: Request for Applications

European Commission International Flagship Collaboration with Canada for human data storage, integration and sharing to enable personalized medicine approaches

The Canadian Institutes of Health Research (CIHR) and the Fonds de recherche du Québec – Santé (FRQS) recently announced funding is available to support Canadian researchers interested in 1) collaborating in the domain of repositories storing and sharing human-omics data, 2) creating a framework for long-term cooperation through transnational collaborations with European researchers. This unique collaboration will require each project to involve at least one Canadian investigator and three European investigators.

The goal of the program aims to enhance and standardize data deposition, curation and exchange procedures, thus ensuring better data reuse and increased benefit to the scientific communities worldwide.

http://www.cihr-irsc.gc.ca/e/50691.html

Value:
The total amount available for Canadian researchers from CIHR and FRQS is $5.5 million, enough to fund 7 grants. maximum $200,000 per year for a maximum 4 years

The total amount available for European researchers from the European Commission is €40 million.

Application process:
Canadian applicants who participate in a full application to the European Commission funding opportunity must complete a CIHR Application, and submit it through ResearchNet by April 18, 2018.

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

Weston Brain Institute, Rapid Response: Canada 2018 - Alzheimer’s & Related Diseases

The objective of the Rapid Response program is to provide seed funding for novel, high-risk, high-reward, translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging.

The Rapid Response program will have multiple calls per year, alternating between two different disease groups: 1) Alzheimer’s & Related Diseases (current); 2) Parkinson’s & Related Diseases (opens June 2018).

Focus:
  . Alzheimer's disease
Frontotemporal dementia.
Mild cognitive impairment
Vascular contributions to the above
Prodromes to the above

All projects must meet two conditions to be eligible:

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


Value:
m maximum $200,000 over a maximum 18 months
Up to 35% of the funds can be used to support international collaborations, or bring unique international resources from outside Canada.

Application process:
The Weston Brain Institute letter of intent deadline is April 19, 2018.

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

SickKids Foundation, National Grants: New Investigator Research Grants

The objective of the New Investigator Research Grant is to support early career investigators who successfully lead, participate in, and translate outstanding child health research that will respond to children’s health challenges and needs.

Funding is provided for research in biomedical, clinical, health systems and services, and population and public health sectors.

The principal investigator will hold a doctoral degree (Ph.D) or equivalent medical/health care degree, and have had formal research training. Eligible applicants are required to include a mentorship plan and to work with a clearly-identified mentor.

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

Value:
m maximum $100,000 per year for a maximum 3 years

Application process:
The SickKids Foundation application deadline is April 20, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
**Brain Tumour Foundation of Canada: 2018 Brain Tumour Research Grant**

The objective of the *Research Grant* is to seek outstanding researchers conducting innovative, quality, primary or metastatic brain tumour research.

Applications will be considered for:

- basic, clinical, or translational research including pediatric brain tumours;
- quality-of-life research;
- research proposals that incorporate novel or original concepts that have the potential to make a difference.

[https://www.braintumour.ca/3845/grant-outline--guidelines](https://www.braintumour.ca/3845/grant-outline--guidelines)

**Value:**
maximum $25,000 over 2 years

**Application process:**
The Brain Tumour Foundation of Canada application deadline is **April 27, 2018**.

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

**Scottish Rite Charitable Foundation: Major Research Grants**

The objective of the *Major Research Grant* is to support biomedical research into intellectual impairment focused on the following:

a) the causes and eventual cure of intellectual impairment such as Dyslexia and Autism, especially as it affects children;

b) the causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.

The focus of the research should be on the causes and cure of the disease, as opposed to the active treatment or palliative care.

Research into other forms of intellectual impairment may be considered.

[http://www.srcf.ca/research-grants/](http://www.srcf.ca/research-grants/)

**Value:**
maximum $40,000 per year, maximum 3 years

**Application process:**
The Scottish Rite Charitable Foundation application deadline is **April 30, 2018**.

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

The objective of the Globalink Research Award is to provide funds for senior undergraduate and graduate students in Canada to conduct research projects at universities overseas. All disciplines are eligible.

The following opportunities support travel and research from Canada to universities in:

. Australia
. Brazil
. China
. EU member countries (in France, both universities and Inria Research Centres are eligible host institutions)
. Israel
. India
. Japan
. Korea
. Mexico
. Norway
. Saudi Arabia
. Tunisia
. United Kingdom
. United States

https://www.mitacs.ca/en/programs/globalink/globalink-research-award

Value:
maximum $6,000 for 12 – 24 weeks

Application process:
Mitacs recommends students apply by May 2018 for travel planned this Fall.

Contact:
Contact international@mitacs.ca for more information.

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

The objective of the Joseph H. Fichter Research Grant is to support members of the Association for the Sociology of Religion involved in promising sociological research on 1) women in religion, or 2) the intersection between religion and gender, or 3) religion and sexualities.

Applicants must be members of the Association at the time of application.

http://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.
The grant covers only direct research expenses such as transportation expenses to conduct research, the cost of hiring a research assistant or transcriber, and computer software packages that are not typically provided by a college or university (e.g., specialized statistical software packages).

**Application process:**
The Association for the Sociology of Religion application deadline is **May 1, 2018.**

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

**Crohn’s & Colitis Foundation: Grants**

The Crohn’s & Colitis Foundation has recently announced the following funding opportunities:

1) *The Litwin IBD Pioneers Initiative*, the objective: 1) to support innovative clinical and translational research projects with the potential to impact the treatment of inflammatory bowel disease (IBD) patients in the near future, 2) to encourage novel research into the diagnosis, identification of clinically relevant subsets, treatments, and cures for IBD, 3) to fund innovative pilot research for scientists to test their initial ideas and generate preliminary data.


2) *Senior Research Awards*, the objective: to provide established researchers with funds to generate sufficient preliminary data to become competitive for funds from other sources.


**Value:**

*Litwin IBD Pioneers Initiative*: maximum $130,000 (including 10% direct costs), maximum 2 years

*Senior Research Awards*: maximum per year $115,830 (direct costs up to $105,300 per year; indirect costs 10% of direct costs, or up to $10,530), for 1 – 3 years

**Application process:**
The Crohn’s & Colitis Foundation, *Litwin IBD Pioneers Initiative*, letter of intent deadline is **May 1, 2018.**

The *Senior Research Awards* letter of intent deadline is **May 1, 2018.** The application deadline is **July 1, 2018.**

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

**CANARIE: Canadian Research Software Conference, May 29-30, 2018, Ottawa**

CANARIE funds and promotes reusable research software tools and national research data management initiatives to accelerate discovery, provides identity management services to the academic community, and
offers advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

CANARIE is hosting the first annual Canadian Research Software Conference to further build a cohesive Canadian community of research software developers, that advance the use and reuse of powerful software tools.

Academic researchers will learn, collaborate, exchange ideas, and discuss common issues with a goal of ensuring maximum impact of public funds for research, through the application of state-of-the-art research software.


Early registration: $99.
Standard rate after May 1, 2018: $150.

ALS Canada: ALS Canada Project Grant Program 2018

The objective of the Project Grant Program is to support the best possible projects that are 1) novel research approaches supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, 2) part of an ongoing ALS research program and aimed toward the vision of ALS Canada (i.e., a future without ALS), or 3) research focused on avenues to maximize function, minimize disability, optimize quality of life through symptom management and support to families living with ALS.

Examples include, but are not limited to:

- management of secretions and cramps;
- psychological interventions to address mental health issues;
- nutritional interventions;
- respiratory care;
- engineering applications to reduce physical limitations;
- programs to address the needs of caregivers.

https://www.als.ca/research/apply-for-funding/

Value:
maximum $125,000 over 1 or 2 years

Application process:
The ALS Canada application deadline is June 8, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data.

The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

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

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

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

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

Value:
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc.

A maximum $5,000 is available for an exceptional proposal.

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

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

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

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

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


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

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

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

**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
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

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 centred 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, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award

The objective of the **SFARI Explorer Award** is to 1) support innovative, bold, rigorous autism research of the highest quality and relevance; 2) enable focused experiments; 3) deepen our understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches by investigation at multiple levels including, but not limited to, studies focused on gene discovery, molecular mechanisms, circuits, anatomy, cognition and behaviour.

https://www.simonsfoundation.org/funding/funding-opportunities/autism-research-initiative-sfari/sfari-explorer-award/

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

**Application Process:**
Applications are considered on a **rolling basis** with a response time as early as 30 days.

**ROADS Contact:**
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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.

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

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

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

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