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

February 16, 2018

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- **The Orphan Disease Center and the Loulou Foundation**: CDKL5 Program of Excellence Grant – Letter of Interest deadline March 8, 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

- **The Brain & Behavior Research Foundation**: 2018 NARSAD (National Alliance for Research in Schizophrenia and Effective Disorders) Young Investigator Grant – Application deadline March 13, 2018

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](http://roads.mcmaster.ca/bulletin).

Join Community of Science (COS) Pivot: an up-to-date database of funding opportunities from around the world, create your Pivot account at [https://pivot.cos.com/session/login help](https://pivot.cos.com/session/login help).


• **American Chemical Society, Petroleum Research Fund: New Directions (ND) Grants** – Application deadline March 16, 2018

• **Embassy of France: 2018 Mobility funding for researchers** – Application deadline March 18, 2018

• **WorkplaceNL, Request for Applications: 2017-18 Research Initiatives Program** – Letter of Intent deadline March 31, 2018

• **Louisville Institute: Collaborative Inquiry Teams** – Application deadline April 1, 2018

• **Centre for Addiction and Mental Health (CAMH), Discovery Fund: 2018 Seed Funding Competition – Collaborative Projects** – Application deadline April 1, 2018

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

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

*Previously announced:*

• **Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants** – Notify ROADS of Intent to Apply by January 15, 2018; SSHRC Application deadline March 15, 2018

• **Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Networks (SPG-N):** Notify ROADS of Intent to Apply by January 22, 2018; NSERC Preliminary Application deadline April 1, 2018

• **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

• **Government of Canada, Global Affairs Canada and the Chinese Ministry of Education: Canada-China Scholars’ Exchange Program** – Application deadline March 6, 2018

• **CANARIE (Canadian Network for the Advancement of Research Industry and Education): Research Software Program Competitive Funding Call 2b: Research Software Re-Use at the Platform Level** – Application deadline March 12, 2018
- Orthopaedic Trauma Association: Research Grant Opportunities – Application deadline March 12, 2018
- Alliance for Cancer Gene Therapy (ACGT): 2018 Investigator Award – Letter of Intent deadline March 13, 2018
- Banting Research Foundation: Discovery Award – Application deadline March 15, 2018
- Banting Research Foundation and the Dystonia Medical Research Foundation Canada: Discovery Award – Application deadline March 15, 2018
- Government of Canada, Environment and Climate Change Canada, Great Lakes Protection Initiative: Restoring Areas of Concern – Application deadline March 15, 2018
- Mitacs: Career Connect – Application deadline March 15, 2018
- Human Frontier Science Program: Research Grants – obtain a 2019 reference number deadline March 19, 2018; Letter of Intent deadline March 28, 2018
- Egg Farmers of Canada: Research Grants – Letter of Intent deadline March 23, 2018
- Organization for Autism Research: Applied Research Competition – Preproposal deadline March 26, 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 March 31, 2018
- Canadian Liver Foundation, Research Grant Competition: Operating Grants – Application deadline March 31, 2018
- American Astronomical Society: Henri Chrétien International Research Grants – Application deadline April 1, 2018
- McMaster University, MacPherson Institute: Research Grants and Young Innovator Award – Application deadlines April 2, 13, 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 Blood Services: MSM Research Grant Program: Registration deadline April 15, 2018; Application deadline June 30, 2018
- Weston Brain Institute, Rapid Response: Canada 2018 - Alzheimer’s & Related Diseases – Letter of Intent deadline April 19, 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**

• **Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges – (approximate) Application deadline May 14, 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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**Social Sciences and Humanities Research Council (SSHRC) and the Economic and Social Research Council (ESRC), United Kingdom: Knowledge Synthesis Grants, Understanding the future of Canada-UK trade relationships, March 2018 International Competition**

SSHRC and the ESRC, UK, have launched the *Knowledge Synthesis Grants* (KSG) competition to assess the state of research knowledge on Canada-UK trade relationships, in a post-Brexit context.

The KSG competition aims to foster international collaboration and support the synthesis of existing research knowledge (emerging over the past 10 years) capable of identifying research strengths and gaps, and contribute evidence for policy.


Every project must involve a minimum of two researchers, one of whom is affiliated with an institution in Canada, the other with an institution in the UK. The team may also include researchers from other countries.
Successful applicants will be expected to attend two knowledge mobilization events with key stakeholders: a preliminary workshop in Ottawa in July 2018; and a forum to share the knowledge synthesis reports’ results in London, UK, in December 2018. Travel costs for these meetings should be included in the budget submitted as part of the application.


**Value:**
maximum $30,000 for 1 year (~£17,290.55, subject to the exchange rate of January 29, 2018)

The international teams should include with their application balanced budget requests for both portions of the project, directed to SSHRC and the ESRC, UK, respectively. Budgets cannot exceed a maximum 60/40% split across the two agencies (e.g., C$18,000/£7,000 or £10,000/C$12,000).

**Application process:**
Notify ROADS of intent to apply as soon as possible. The initial draft of the application is due to ROADS by March 7, 2018. The final draft and a completed and signed Application Approval Form are due to ROADS by March 21, 2018. The SSHRC application deadline is March 28, 2018.

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

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**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.

**Webinar**
February 23, 2018, 11:00am EST
Register at: https://www.braintumour.ca/8164/webinar-your-applications-journey-from-call-out-to-final-ranking

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
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)

**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

**AGE-WELL - Grants**

AGE-WELL has recently announced the following funding opportunities:

1) **AGE-WELL 2018 Strategic Investment Program (SIP) Accelerator Funding**, the objective: to support innovative, post-discovery projects that 1) have the potential for real-world impact at the intersection of technology and aging, 2) focus on the commercialization and/or knowledge mobilization of solutions that benefit older adults and caregivers, 3) align with AGE-WELL’s mission and vision; *to help older Canadians maintain their independence, health, and quality of life through technologies and services that increase their safety and security, support their independent living, and enhance their social participation.*

(review **About AGE-WELL** at [http://agewell-nce.ca/about-us](http://agewell-nce.ca/about-us))

The program provides:
- financial support;
- training opportunities;
- strategic mentorship.

2) **AGE-WELL 2018 Catalyst Funding Program**, the objective: to support innovative research projects aimed at generating, promoting, or accelerating economic and social benefit in the field of technology and aging. Catalyst grants will support early-stage, scalable research projects including pilot studies, feasibility studies and novel approaches, that are aligned with AGE-WELL’s mission and vision. All projects must demonstrate strong potential for real-world impact.

(review About AGE-WELL at [http://agewell-nce.ca/about-us](http://agewell-nce.ca/about-us))

[http://agewell-nce.ca/research/catalyst-funding-program](http://agewell-nce.ca/research/catalyst-funding-program)

**Value:**

*SIP Accelerator Funding*: maximum $40,000 over 12 months

*Catalyst Funding*: maximum $50,000 over 12 months (funding may be renewed for 1 year pending end-of-term review)

**Application process:**
The AGE-WELL application deadline for the *SIP Accelerator Funding* is March 2, 2018.
The AGE-WELL application deadline for the *Catalyst Funding Program* is March 23, 2018.

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

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**Alzheimer`s Association: The PART THE CLOUD to RESCUE (REverse, reStore, Cease and UndErstand) Brain Cell Degeneration in Alzheimer`s disease**

The objective of *The PART THE CLOUD* program is to support the discovery and testing of innovative compounds to be used for interventions in the earliest stages of neurodegeneration-dementia-Alzheimer's disease.

Applications will be accepted that include lead candidate therapeutic agents targeting neuronal growth factors, cell survival and cell cycle pathways, anti-apoptotic or anti-cell death mechanisms, and related mechanisms.

The targets should be at a stage that require early stage Phase 1 testing prior to Proof of Concept (POC) Phase 2 or 3 efficacy studies, or with lead therapeutic agents that have already established human safety data and require a small-scale pilot Proof of Mechanism Phase 2 study, in preparation for larger-scale POC trials.


**Value:**

maximum $700,000 per year for 2 years

**Application process:**
The Alzheimer`s Association letter of intent deadline is March 5, 2018.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Ontario Genomics: National Synthetic Biology Conference

Focus: *Harnessing the Power of Biology through Synthetic Biology and Next Generation Genomics*
Learn about emerging developments, opportunities and plans. Connect and network with leading investors, policymakers, scientists, and entrepreneurs from Canada and around the world. Share ideas and explore issues of importance to the synthetic biology community.

http://www.ontariogenomics.ca/2018syntheticbiologyconference/

Date: **March 6, 2018**; 8:00am-6:30pm EST
Place: MaRS Discovery District, Toronto

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The Orphan Disease Center and the Loulou Foundation: CDKL5 Program of Excellence Grant

The objective of the **CDKL5 Program of Excellence Grant** is to support research applications that progress the discovery or development of treatments (e.g., potential therapies) and/or a cure for CDKL5 Deficiency Disorder.

Priority areas are listed at [http://orphandiseasecenter.med.upenn.edu/grant-opportunities/cdkl5-program-of-excellence](http://orphandiseasecenter.med.upenn.edu/grant-opportunities/cdkl5-program-of-excellence).

**Value:**
$150,000 for 1 year

**Application process:**
The Orphan Disease Center letter of interest deadline is **March 8, 2018**.

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

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

The objective of the **Connection Grant** is to support *events* and *outreach activities* geared toward short-term, targeted knowledge mobilization initiatives. 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](http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx)).
Connection Grants support workshops, colloquiums, conferences, forums, Summer institutes or other events or outreach activities that facilitate:

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

Particular importance 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

The Brain & Behavior Research Foundation: 2018 NARSAD (National Alliance for Research in Schizophrenia and Effective Disorders) Young Investigator Grant

The objective of the NARSAD Young Investigator Grant is to 1) support the most promising, young scientists conducting neurobiological research and psychobiological basic science relevant to serious brain and behavior disorders (e.g., schizophrenia, bipolar, mood and anxiety disorders, early onset brain and behaviour disorders, child and adolescent mental illnesses), 2) enable promising investigators to either extend research fellowship training, or begin careers as independent research faculty, 3) launch careers in neuroscience and psychiatry and gather pilot data to apply for larger federal and university grants.
All applicants must have a doctoral level degree (e.g., M.D. with [minimum PGY-IV] training, Ph.D., Psy.D., Pharm.D., etc.) and be employed in research training, or in a faculty research position. 

https://www.bbrfoundation.org/grants-prizes/narsad-young-investigator-grants

Value:
maximum $35,000 per year for 1 or 2 years

Application process:
The Brain & Behavior Research Foundation application deadline is March 13, 2018.

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

American Chemical Society, Petroleum Research Fund (PRF): New Directions (ND) Grants

The goals of the American Chemical Society PRF are:

. to support fundamental research in the petroleum field;
. to develop the next generation of engineers and scientists through support of advanced scientific education.

The objective of the ND Grant is to provide funds to scientists and engineers with limited—or even no—preliminary results for a new research project they wish to pursue, and who intend to use the PRF-driven preliminary results to seek continuation funding from other agencies.

The ND Grant is viewed as seed money to be used to illustrate proof of concept/feasibility.

https://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs/nd.html

Value:
$110,000 over 2 years

Application process:
The American Chemical Society application deadline is March 16, 2018.

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

Embassy of France: 2018 Mobility funding for researchers

The Embassy of France has launched a call for applications, Mobility funding for researchers, for Canadian or French researchers affiliated to laboratories/departments which are part of Canadian or French University/Research Centers.

http://francecanadaculture.org/higher-education-gp/call-for-applications-2018-mobility-funding-for-researchers/
Value:
1. 1 return economy-class flight (Canada-France or France-Canada)
2. A contribution towards subsistence costs (per diem, for a maximum 3 nights, between April 1, 2018 and November 1, 2018)

Application process:
The Embassy of France application deadline is **March 18, 2018**.

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

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**WorkplaceNL, Request for Applications: 2017-18 Research Initiatives Program**

The objective of the WorkplaceNL *Research Initiatives Program* is to support improvements in safety practices, disability management, and fostering healthy and safe workplaces throughout Newfoundland and Labrador.

Research Priority Topics:

1) Workplace safety culture;
2) Prevention of musculoskeletal injuries;
3) Serious injuries;
4) Emerging issues for workplace violence;
5) Mental health issues;
6) Occupational disease and exposure;
7) Other topics within the Research Initiatives Program (review [http://www.workplacenl.ca/ResearchInitiative.whscc](http://www.workplacenl.ca/ResearchInitiative.whscc)).

The WorkplaceNL will also consider applications that relate to preventing workplace injury and illness, or helping injured workers recover/return to work.

Applicants must outline the anticipated benefits to Newfoundland and Labrador workplaces, and provide a brief statement regarding strategies for disseminating research findings.

[http://www.workplacenl.ca/ResearchInitiative.whscc](http://www.workplacenl.ca/ResearchInitiative.whscc)

Value:
Applicants are required to submit a budget.

Application process:
The WorkplaceNL letter of intent deadline is **March 31, 2018**.

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

The objective of the **Collaborative Inquiry Teams** is to support teams of four to eight pastors and professors based in the United States or Canada, who 1) propose projects to strengthen the life of North American Christian congregations, 2) explore a living question currently confronting church and society.

Proposed projects may employ a variety of methodological perspectives including, but not limited to, historical, systematic and practical theology, the social sciences, history, ethics, or biblical studies.

Preference will be given to innovative, interdisciplinary research strategies that investigate adaptive challenges faced by North American congregations.


**Value:**
maximum $45,000 for a maximum 3 years
The Louisville Institute allows up to 5% indirect costs based on the total direct costs of the project ($2,143 maximum for a $45,000 grant).

**Application process:**
The Louisville Institute application deadline is **April, 1, 2018**.

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

Centre for Addiction and Mental Health (CAMH), Discovery Fund: 2018 Seed Funding Competition - Collaborative Projects

The objective of the **Seed Funding Competition** is to provide support for 1) innovative, new solutions to solving major challenges in the diagnosis, treatment and prevention of mental illness, 2) investigators during the critical period between the initiation of research and the receipt of sustained funding.

**Research Themes**

- Brain and/or behavior interventions
- Clinical measure and/or biomarker identification
- Health services research
- Implementation science
- Translating and extending clinical neuroscience into clinical research (the study of mechanisms of disease and new ways of diagnosis and treatments)

**Collaborative Projects**
For projects to be considered for the collaborative competition, two Principal Investigators are required typically from two different departments within the University of Toronto, or from two different universities, or institutions.
Value:
maximum $100,000 per year for a maximum 2 years
The seed funding award will be available for a second year based on sufficient progress, continuing availability of funds, and submission of an interim progress report.

Application process:
The CAMH application deadline is April 1, 2018.

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

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.

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

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

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:**
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

Previously announced:

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

The Partnership Engage Grant is expected to respond to the objectives of the Insight and the Connection Programs.


The Partnership Engage Grant provides short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private, or not-for-profit sector. The small-scale, stakeholder-driven partnerships are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors. Proposals may involve any disciplines, thematic areas, approaches, or subject areas eligible for SSHRC funding.


SSHRC welcomes applications involving Aboriginal research, as well as those involving research-creation.


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

Application process:
Notify ROADS of Intent to Apply by January 15, 2018. The initial draft of the application and letters of support are due to ROADS by February 21, 2018. The final draft and a completed and signed Application Approval Form are due to ROADS by March 7, 2018. The SSHRC application deadline is March 15, 2018.

The next SSHRC Partnership Engage Grants competition deadline is June 15, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Networks (SPG-N)

The objective of the SPG-N is to support large-scale, multi-disciplinary research projects in targeted research areas that 1) require a network approach, and 2) involve collaboration between academic researchers and Canadian-based organizations. Strategic Networks may be national, regional, or under exceptional circumstances, local.

It is expected the grant will:

- a) generate new knowledge/technology with strong potential to strengthen Canada’s industrial base, generate wealth, create employment and/or influence Canadian public policy;
- b) increase the number of highly qualified personnel;
- c) foster the increased participation of Canadian-based companies and/or government organizations in academic research;
- d) result in the transfer of knowledge/technology and expertise to Canadian-based companies to apply the results for economic gain, or to government organizations to strengthen public policy.

For the 2019 preliminary application competition, only proposals in the following target areas will be accepted:

- Advanced Manufacturing
- Environment and Agriculture
- Information and Communications Technologies
- Natural Resources and Energy

Applications are encouraged in clean technologies across all four target areas and with a focus on the impacts of climate change; including climate change mitigation and adaptation (if appropriate).


Value:
The anticipated budget for the 2019 SPG-N competition is expected to result in up to two new awards across the four target areas.

There are two application categories:

1) The proposed network will investigate a new collection of research objectives that do not build on previous network-scale activities, and have never been funded through NSERC Strategic Network Grants, a Network of Centres of Excellence (NCE) grant, or other federal or provincial network-scale granting programs. The network applies for SPG-N funds between $500,000 and $1 million in year 1; $500,000 and $1.125 million per year in years 2 through 5, for a maximum request of $5.5 million.

2) The proposed network will build upon a collection of research objectives that have been previously funded through an NSERC Network Grant, an NCE grant, or other federal or provincial network-scale granting programs. The network partners must collectively assume more responsibility for funding the network (compared to the previously funded network) to support its research and administration activities.

For every dollar contributed to the network by eligible industry and government partners, up to $3 can be requested from NSERC (e.g., $300,000 per year of partner cash would allow for a request of up to $900,000 per year of NSERC funding). Other contributions to the network are encouraged (e.g., other funding agencies, university support), but are not included in the leveraging of NSERC funds.
The network can request NSERC funding between $500,000 and $1 million in year 1, and between $500,000 and $1.125 million per year in years 2 through 5, for a maximum request of $5.5 million.

**Application process:**
Notify ROADS of intent to apply by **January 22, 2018**. The NSERC preliminary application deadline is **April 1, 2018**.

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

### 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).

The NCE-KM funds may not be used for research-related expenses.


**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

**Government of Canada, Global Affairs Canada and the Chinese Ministry of Education: Canada-China Scholars’ Exchange Program**

The objective of the *Canada-China Scholars’ Exchange Program* is to support short-term scholarships to Canadians wishing to study abroad in China.

Scholarships are awarded for studies, research, language studies, or a combination of studies and language studies at participating Chinese institutions. (review *Search institutions* by province at [http://www.csc.edu.cn/laihua/universityen.aspx](http://www.csc.edu.cn/laihua/universityen.aspx))


**Value:**
- tuition fees;
- a monthly stipend of 3,500 Yuan for senior scholars;
- on-campus accommodation, or a subsidy for off-campus accommodation (if permitted);
- comprehensive medical insurance.

Awards are tenable for a period of no more than 12 months and no less than 8 weeks, between September 2018 and August 2019.

**Application process:**
The deadline to submit the Department of Foreign Affairs, Trade and Development online application is **March 6, 2018**.

The deadline to receive the China Scholarship Council online application form and supporting documentation by mail is **March 6, 2018**.

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

**CANARIE (Canadian Network for the Advancement of Research Industry and Education): Research Software Program Competitive Funding Call 2b: Research Software Re-Use at the Platform Level**

The purpose of CANARIE is to 1) fund and promote reusable research software tools to accelerate scientific discovery, 2) support Research Data Canada, 3) provide identity management services that enable secure, ubiquitous connectivity and content access to the academic community.
CANARIE has announced a second *Call for Proposals* that invests in research software teams to adapt their existing research platforms to support researchers from other disciplines.

https://www.canarie.ca/canarie-issues-4-5m-call-for-proposals-supporting-re-use-of-research-software/

**Value:**
maximum per project $225,000, as follows:

a) maximum $100,000 for software development over a maximum 12 months

Additional funding is available to support ongoing maintenance of the platform, the development of additional platform functionality, onboarding of additional research teams, and user support.

b) maximum $125,000 of post development platform maintenance and support for the 15 months ending September 30, 2020.

All projects are required to contribute in-kind costs that are equivalent to at least 15% of the total eligible project costs. (review *Schedule of Eligible Costs*, at https://www.canarie.ca/wp-content/uploads/RS-call-2b_Schedule-of-eligible-costs.pdf)

**Application process:**
The CANARIE application deadline is **March 12, 2018**.

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

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**Orthopaedic Trauma Association (OTA): Research Grant Opportunities**

The OTA has recently announced the following funding opportunity:

*OTA/AOTNA (AOTrauma North America) Members, Directed Topic Pre-proposal*, the objective: to support clinical patient-centered outcomes, clinical or basic science musculoskeletal infection. (value: $50,000/year, maximum 2 years)

http://ota.org/research/research-grant-opportunities/

AO (Arbeitsgemeinschaft für Osteosynthesefragen) Foundation: https://www.aofoundation.org/Structure/the-aofoundation/Pages/History-of-the-AO.aspx

**Application process:**
The *OTA/AOTNA Members, Direct Topic Pre-proposal* is **March 12, 2018**.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Alliance for Cancer Gene Therapy (ACGT): 2018 Investigator Award

The objective of the Investigator Award is to support research aimed at furthering the development of cell and gene therapy approaches to the treatment of cancer.

Focus areas:

- Technology for systemic delivery and treatment of metastatic disease that could involve novel tumor-targeted delivery vehicles (e.g., tumor-homing cells, nanoparticles and new recombinant viruses);
- Altering the tumor cell microenvironment to support the induction of anti-tumor immunity;
- Identification of novel tumor targets;
- Novel approaches to either protective adoptively transferred cells from metabolic changes, or alter the metabolism of transferred cells.

Preference will be given to those working in solid tumors, orphan tumors, or pediatric tumors and to research not previously funded.

http://acgtfoundation.org/news/2018ia-rfa/

Value:
maximum $500,000 distributed over 2-3 years, inclusive of a maximum 10% indirect costs
The funds may be used for salary, technical assistance, supplies, animals, or capital equipment.

Application process:
The ACGT letter of intent deadline is March 13, 2018.

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

Banting Research Foundation: Discovery Award

The objective of the Discovery Award is to support outstanding, new investigators in all areas of health and biomedical research who will be within the first three years of the date of their first career academic appointment, at the application deadline date, at a university or research institute in Canada.

The intent of the award is to provide seed funding to allow applicants to gather pilot data to enhance their competitiveness for other sources of funding.


Value:
maximum $25,000 for 1 year (from July 1/18 to June 30/19)
The funds can be used to purchase equipment, general operating expenses, and salaries for technicians, postdoctoral fellows and students.
**Application process:**
The Banting Research Foundation application deadline is **March 15, 2018.**

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

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**Banting Research Foundation and the Dystonia Medical Research Foundation Canada:**
**Discovery Award**

The objective of the *Discovery Award* is to support 1) research by early career investigators focused on areas relevant to dystonia, 2) the discovery of new or improved therapies, 3) a cure for dystonia.

Eligible candidates must be in the first three years of an academic appointment at a university or research institute in Canada, and focused on research that will address one or more of the core directions necessary to advance the field of dystonia. The core directions include:

a) furthering the fundamental understanding of dystonia;
b) uncovering the mechanisms in the nervous system that lead to symptoms;
c) creating experimental models of dystonia;
d) discovering targets for new and improved therapeutics designed specifically to treat dystonia. This includes hypothesis-driven research projects at the genetic, molecular, cellular, systems, or behavioral levels that may lead to a better understanding of the pathophysiology, or to new therapies for any or all forms of dystonia.

[http://dystoniacanada.org/BantingFoundationDiscoveryAward](http://dystoniacanada.org/BantingFoundationDiscoveryAward)

**Value:**
maximum $25,000 for 1 year

**Application process:**
The Banting Research Foundation application deadline is **March 15, 2018.**

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

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**Government of Canada, Environment and Climate Change Canada, Great Lakes Protection Initiative: Restoring Areas of Concern**

The objective of the *Great Lakes Protection Initiative* is to target the most significant environmental challenges affecting Great Lakes water quality and ecosystem health. The Initiative focuses on eight priority areas for action:

1) Working with others to protect the Great Lakes
2) Restoring Great Lakes Areas of Concern
3) Preventing toxic and nuisance algae
4) Assessing and enhancing the resilience of Great Lakes coastal wetlands
5) Evaluating and Identifying at risk nearshore waters
6) Reducing releases of harmful chemicals
7) Engaging Indigenous Peoples in addressing Great Lakes issues
8) Increasing public engagement through citizen science

The Government of Canada will support action by others to:

- **prevent toxic and nuisance algae**: increasing participation in the application of phosphorus load reduction measures by demonstrating innovative approaches and best practices, and promoting broad uptake and application; (value: maximum $600,000; projects may be multi-year)

- **reduce releases of harmful chemicals**: increasing participation in the application of beyond-compliance measures to reduce releases of chemicals of mutual concern by developing, implementing, assessing, and promoting use of innovative approaches; (value: $100,000; projects may be multi-year)

- **engage Indigenous Peoples in addressing Great Lakes issues**: enhancing Indigenous capacity to address Great Lakes issues through projects that engage Indigenous Peoples at the community level; (value: maximum $100,000; maximum 4 years)

- **increase public engagement through citizen science**: enhancing Canadians’ knowledge of and engagement in addressing Great Lakes issues through participation in citizen science; (value: $40,000 - $1,800,000; projects may be multi-year)

- **restore Areas of Concern**: supporting action at the local level to restore water quality and aquatic ecosystem health by implementing projects identified in area of concern remedial action plans. (value: maximum $2.9 million per fiscal year; maximum 3 years; funding can provide up to one-third of total project cost; maximum level (stacking limit) of total government (federal, provincial, territorial and municipal assistance for the same eligible expenditures) assistance for a project will not exceed 100% of the total eligible expenditures of the project)

Areas of Concern:

- Thunder Bay
- Nipigon Bay
- Jackfish Bay
- Peninsula Harbour
- St. Marys River
- Spanish Harbour
- Detroit River
- St. Clair River
. Niagara River
. Hamilton Harbour
. Toronto and Region
. Bay of Quinte
. St. Lawrence River
. Contaminated Sediment Remediation


**Application process:**
The Environment and Climate Change Canada application deadline is **March 15, 2018.**
**Note:** The application deadline for *Funding for engaging Indigenous Peoples in addressing Great Lakes issues* is **March 30, 2018.**

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Contact the above to receive the Application Form, Project Cashflow Statement, and Remedial Action Plan Contacts and Websites.

**Mitacs: Career Connect**
The objective of the *Career Connect* program is to provide meaningful work experience for young graduates while helping companies find the talent they need to grow their business.

Project opportunities available:
- protect the environment;
- create positive environmental outcomes;
- address an environmental or climate change-related challenge.

Eligible organizations must support a green project in the science, technology, engineering, or math fields and work with a recent graduate they already know, or post an open project.

Postsecondary graduates under 30, who can legally work in Canada, may work with an organization they already know, or apply to an open posting.

https://www.mitacs.ca/en/career-connect

**Value:**
$20,000 - $25,000 subsidized by Mitacs at 50% for a 6 month placement
Funding is limited and awarded on a first-come, first-served basis.

**Application process:**
The application deadline is **March 15, 2018.**

**Contact:**
Mitacs Career Connect team at careerconnect@mitacs.ca
Human Frontier Science Program (HFSP): Research Grants

The HFSP Research Grant supports international scientific collaborations. Research Grants are awarded for innovative research projects involving extensive collaboration among teams of independent scientists, working in different countries, and in different disciplines.

Two types of grants are available:

1) **Young Investigator Grants**, the objective: to fund outstanding, young scientists in the initial period of their independent careers, who are in a particularly good position to formulate innovative and fertile research projects.

Eligibility: teams where all members are within 5 years of starting their first independent position (and within 10 years of receiving a PhD)

Eligibility: teams where all members are within 5 years of starting their first independent position (and within 10 years of receiving a PhD)


2) **Program Grants**, the objective: to allow teams of independent researchers to develop new lines of research through collaboration. Priority will be given to new, innovative research projects for which preliminary results might not necessarily be available. Applications including independent investigators early in their careers are encouraged.

Eligibility: teams of scientists at any stage of their careers


**Value:**

Award/Team Structure:
$250,000 for a team of 2;
$350,000 for a team of 3;
$450,000 for a team of 4 or more.

These figures represent the amount awarded to the whole team per year for a period of 3 years.


**Application process:**

Contact the HFSP to obtain a 2019 reference number by March 19, 2018. The HFSP letter of intent deadline is March 28, 2018.

**ROADS contact:**

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

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Egg Farmers of Canada: Research Grants

The objective of the Research Grant is to support researchers and industry experts who conduct proactive research across a range of priorities. The priority areas include:
a) Animal care science;
b) Food safety;
c) Human nutrition and health;
d) End of flock management;
e) Non-food uses of eggs;
f) Environment and sustainability;
g) Bird nutrition and health;
h) Public policy and economics;

All research projects must align with the research priorities, have a practical application within the industry, and the principal investigator must also work full-time in a Canadian institution or organization.

http://www.eggfarmers.ca/research/

Value:
There is no minimum or maximum limit to the funds available.
Applicants submit a budget with a project deadline.

Application process:
The Egg Farmers of Canada letter of intent deadline is March 23, 2018.

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

Organization for Autism Research (OAR): Applied Research Competition

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

This year, the OAR is placing an emphasis on research that addresses the following targeted areas:

a) healthcare transition;
b) generalization of technology-based intervention;
c) community-based intervention;
d) residential services and supports;
e) literacy;
f) sexuality education.

https://researchautism.org/research-grants/apply-for-a-grant/applied-research/

Value:
maximum $30,000 for 1 – 2 years

Application process:
The OAR preproposal deadline is March 26, 2018.
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 March 31, 2018 by 4:30pm.

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

Canadian Liver Foundation, Research Grant Competition: Operating Grants

The purpose of the Operating Grant is to support research projects directed towards a defined objective, conducted by an investigator working alone or in collaboration with others.
Four defined operating grants may be awarded:

- 2 operating grants to researchers in Canada whose research projects are related to hepatobiliary research;
- 1 operating grant to a researcher in Ontario whose research project is related to liver cancer;
- 1 operating grant to a researcher in Ontario whose research project is related to pediatric liver disease.

https://www.liver.ca/professionals/researchers/

**Value:**

maximum $60,000 annually, maximum 2 years

The funds may be used to purchase materials, supplies, items of equipment (costing less than $5,000), buy and maintain animals, and support travel costs (to a limit of $1,000).

**Application process:**

The Canadian Liver Foundation application deadline is **March 31, 2018**.

**ROADS contact:**

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

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

Emphasis is 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

The award may be used to cover astronomical observational research, travel costs, salary, publication costs and small pieces of research equipment.

If appropriate, the recipient’s family is encouraged to accompany him/her on the long-term international visit.

**Application process:**

The American Astronomical Society application deadline is **April 1, 2018**.

**ROADS contact:**

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

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**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](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/](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](mailto:migrants@mcmaster.ca)

for, **Petro Canada - McMaster University Young Innovator Award**: Alyson Brown, Research Coordinator, MacPherson Institute, [browna22@mcmaster.ca](mailto:browna22@mcmaster.ca), extension 20856

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

**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](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

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**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:**
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
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/

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](mailto:international@mitacs.ca) for more information.

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**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.


**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](mailto:pellegrc@mcmaster.ca) or extension 27207

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**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. [http://www.crohnscolitisfoundation.org/science-and-professionals/research/grants-fellowships/senior-research-awards.html](http://www.crohnscolitisfoundation.org/science-and-professionals/research/grants-fellowships/senior-research-awards.html)

**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

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

The objective of the **Misk Grand Challenges** is to offer 100 young innovators a grant to develop their ingenious ideas into a concrete proof of concept. The proposed solutions must target people under age 30, in addition to any specific criteria mentioned in individual challenges.

**Focus:**


[http://miskgrandchallenges.org/challenges.html](http://miskgrandchallenges.org/challenges.html)

**Value:**
Awards total $100,000 USD each, provided over 2 years, with an opportunity to apply for follow-on funding.

**Application process:**
The first application window opens November 14, 2017 and will be open for six months. The Misk Foundation application deadline is **May 2018**. (the approximate deadline, May 14, 2018) Additional information to follow. [http://miskgrandchallenges.org/challenges.html](http://miskgrandchallenges.org/challenges.html).

**ROADS contact:**
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
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](mailto: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:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

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

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

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

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

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