In this issue:

- Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE) – Information Sessions/Webinars February 5, 7, 2018; Notify ROADS of Intent to Apply by February 26, 2018; NSERC Letter of Intent deadline May 1, 2018

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

- Government of Canada, Natural Resources Canada: Clean Growth Program – Letter of Interest extended deadline February 28, 2018

- Québec Consortium for Drug Discovery (CQDM): Quantum Leap – Application deadline March 1, 2018

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

- Weston Brain Institute, Rapid Response: Canada 2018 - Alzheimer’s & Related Diseases – Program Information Webinar March 8, 2018; Letter of Intent deadline April 19, 2018

- Alliance for Cancer Gene Therapy (ACGT): 2018 Investigator Award – Letter of Intent deadline March 13, 2018

- Government of Canada, Environment and Climate Change Canada, Great Lakes Protection Initiative: Restoring Areas of Concern – Application deadline March 15, 30, 2018

- Mitacs: Career Connect – Application deadline March 15, 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**

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

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

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

• **Graham Foundation: Grants to Organizations – Notify ROADS of Intent to Apply by January 29, 2018; Application deadline February 25, 2018**

• **Christopher & Dana Reeve Foundation: Quality of Life Grants Program - High Impact Letter of Intent deadline February 15, 2018, Application deadline March 17, 2018; Direct Effect Letter of Intent deadline April 11, 2018, Application deadline May 1, 2018**

• **Ontario Workplace Safety and Insurance Board (WSIB): 2018 Grants Program – Application deadline February 20, 2018**

• **Ontario Ministry of Health and Long-Term Care, Health System Research Fund: Targeted Call for Patient-Oriented Research in Mental Health and Addictions – Notice of Intent deadline February 20, 2018; Application deadline March 14, 2018**

• **Canadian Institute for Advanced Research (CIFAR): CIFAR Azrieli Global Scholars – Application deadline February 22, 2018**

• **Genome Canada: Genomic Applications Partnership Program (GAPP), Round 11 – Expression of Interest deadline February 26, 2018**

• **Grand Challenges Canada: Saving Lives at Birth, 8th Call for Innovations – Expression of Interest deadline February 28, 2018**

• **Canadian Internet Registration Authority: Community Investment Program – Application deadline February 28, 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

• 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

• 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

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

• 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.
Natural Sciences and Engineering Research Council of Canada (NSERC): Collaborative Research and Training Experience Program (CREATE)

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))

Webinars

English session: **February 5, 2018**, 1:00pm - 3:00pm (ET)
French session: **February 7, 2018**, 1:00pm - 3:00pm (ET)

Registration is not necessary.

For Linux users, install the add-in by following this link:

To join the English session:
http://nsercofcanada.adobeconnect.com/create_info_session/

- Or copy and paste the link into your internet browser
- Choose the “Enter as a Guest” option and enter your name and/or university
- Press “Enter Room”.

First time attending an Adobe Connect meeting?
- Test your connection
- Get a quick overview

If you are experiencing technical difficulties with the videoconference, join through teleconference using the information below. Do not join the teleconference unless you are instructed to do so.

To attend the session by teleconference:
- Local Dial-in: 613-960-7514
- Toll free Dial-in: 1 877-413-4790
- Enter the Conference ID: 9659926

Questions regarding the **CREATE** program and/or the application process may be directed in advance to Nathan Coschi at coschimn@mcmaster.ca.

The webinar will be recorded. Following the presentation, a link to the recording will be emailed for those who were unable to attend.

ROADS will hold an information session in February. Details forthcoming.

**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

---

**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.


---

**Information Webinars**

The NCE Secretariat will host webinars on **February 16, 2018**. In order to participate in the webinar(s), the followings links are to be used.

English webinar, 1:00pm – 2:00pm (ET)
https://nsercofcanada.adobeconnect.com/__a1139318731/kmi_webinar/

French webinar, 3:00pm – 4:00pm (ET)
https://nsercofcanada.adobeconnect.com/__a1139318731/wic/

To join the meeting:

- Enter your name
- Click "Enter Room"
NCE has updated their virtual meetings with VoIP (Voice over Internet Protocol). If you are experiencing technical difficulties with the videoconference, join through teleconference using the information below. Do not join the teleconference unless you are instructed to do so.

- Local dial-in: 613-960-7514
- Toll-free dial-in: 1 877-413-4790
- Enter the conference ID: 7462843

**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, Natural Resources Canada: Clean Growth Program**

The objective of the **Clean Growth Program** (CGP) is to support clean technology research and development and demonstration projects in Canada’s energy, mining and forestry sectors.

The program covers five areas focused on pressing environmental challenges and economic opportunities facing Canada’s natural resource operations:

1) Reducing greenhouse gas and air-polluting emissions
2) Minimizing landscape disturbances and improving waste management
3) The production and use of advanced materials and bioproducts
4) Efficient energy use and productivity
5) Reducing water use and impacts on aquatic ecosystems

The CGP consists of two separate funding streams:

- **Research and Development (R&D) Projects**, from applied R&D to pilot projects;
Demonstration Projects and Front End Engineering Design (FEED) Studies, including up to first commercial installations.

https://www.nrcan.gc.ca/cleangrowth/20254

Value:
**R&D Projects**: It is expected good quality projects will request between $300,000 and $2 million, however, the program could provide a maximum amount of $5 million per project. (maximum 75% of total project costs)

**Demonstration Projects and Front End Engineering Design (FEED) Studies**: It is expected good quality projects will request between $500,000 and $5 million, however, the program could provide a maximum amount of $10 million per project. (maximum 50% of total project costs)

Eligible projects will be required to secure provincial and/or territorial support (financially and/or in-kind) by the full project proposal phase.

Application process:
The Natural Resources Canada letter of interest extended deadline is **February 28, 2018**.

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

Québec Consortium for Drug Discovery (CQDM): Quantum Leap

The objective of the **Quantum Leap** program is to support highly innovative technologies, tools or platforms with strong preliminary data that 1) accelerate or facilitate the drug discovery/development process, and 2) prevent, treat, or cure diseases pursued by the biopharmaceutical industry.

The research agenda extends to all scientific and technical fields related to biopharmaceutical R&D, and all disciplines, to enhance and improve biopharmaceutical research productivity.

The **Quantum Leap** strategic initiative aims to bring disruptive technologies or platforms to a point where services and/or products generated by the platforms could be commercialized, or further developed for use by the industry and/or the scientific community.


Value:
$500,000 to $2,000,000 for a minimum 1 year, maximum 3 years

Application process:
The CQDM application deadline is **March 1, 2018**.

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


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

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.

**Program Information Webinar**
March 8, 2018; 1:00pm – 2:00pm (EST)
Register at: [https://register.gotowebinar.com/register/8109192212756035586](https://register.gotowebinar.com/register/8109192212756035586)


**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

---

**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

**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.

---

**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/](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

---

**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

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

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

**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 coschim@mcmaster.ca or extension 21581
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).

http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/SPG-SPS_eng.asp#Networks

**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**.
Graham Foundation: Grants to Organizations

The objective of the *Grants to Organizations* is to:

1) assist with the production and presentation of significant programs regarding architecture and the designed environment, in order to promote dialogue, raise awareness, develop new and wider audiences;
2) support the organization in their effort to take risks in programming and create opportunities for experimentation;
3) recognize the vital role the organization plays in providing individuals with a public forum in which to present their work;
4) help the organization to realize projects that would otherwise not be possible without the Foundation’s support.

The Graham Foundation offers *Production and Presentation Grants* to organizations. The grants assist organizations with the production-related expenses that are necessary to take a project from conceptualization to realization, and public presentation. The projects include but are not limited to publications, exhibitions, installations, films, new media projects, conferences/lectures, and other public programs.

Projects must have clearly defined goals, work plans, budgets, production and dissemination plans.

An organization can only apply for one grant per year. Therefore, if ROADS receives more than one application by **January 29, 2018**, an internal selection committee will be established.

[http://www.grahamfoundation.org/grant_programs/?mode=organization](http://www.grahamfoundation.org/grant_programs/?mode=organization)

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

**Application process:** Notify ROADS of intent to apply by **January 29, 2018**.
The Graham Foundation application deadline is **February 25, 2018**.

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

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.

2) **High Impact**, the objective: to focus on a high priority issue for the community of individuals living with paralysis and their families.

**Tier 2.** Priority areas: Transportation; Respite/Caregiving; Disaster Response

**Grant value:** $30,000

**Tier 3.** Priority area: Nursing Home Transition

**Grant value:** $40,000

**Tier 4.** Priority area: Employment

**Grant value:** $50,000

Project periods are typically 12 months in duration, or less.


**Application process:**
The Christopher & Dana Reeve Foundation **High Impact, Tiers 2, 3, and 4,** letter of intent deadline is **February 15, 2018.** The application deadline is **March 17, 2018.**

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
Ontario Workplace Safety and Insurance Board (WSIB): 2018 Grants Program

The objective of the Grants Program is to enhance workers’ compensation system outcomes by supporting innovative proposals that are aligned to the WSIB’s strategic mandate.

The central areas of focus for this year are Return to Work and Recovery, and Innovations in Service. Within these categories, the WSIB has identified the following priority areas:

Return to Work and Recovery
- Vulnerable workers
- Mental health
- Mild traumatic brain injury
- Occupational medicine
- Emerging opportunities

Innovations in Service
- Technology
- Partnerships

The WSIB Grants Program accepts Research and Training Proposals.

Research Proposals
a) Expert research proposals that deliver practical results for the workers’ compensation system:
   . results will lead to policy, program and practice improvements;
   . proposals for systematic reviews will also be considered.

b) Workplace-based projects that involve collaborations between the workplace, researchers and organizations:
   . proposals may include implementing completed research, piloting programs and conducting evaluations to improve outcomes.

Training Proposals
Initiatives that help workers, employers and the compensation system resolve long-standing barriers. Innovative opportunities that build capacity in the community and offer significant potential to improve compensation system results.

http://www.wsib.on.ca/WSIBPortal/faces/WSIBArticlePage?fGUID=939604048075002603&_adf.ctrl-state=d6eqtj9sz_4&_afrLoop=2488904232733000&_afrWindowMode=0&_afrWindowId=null#%40%3F_afrWindowId%3Dnull%26_afrLoop%3D2488904232733000%26_afrWindowMode%3D0%26fGUID%3D939604048075002603%26_adf.ctrl-state%3Ddvs6v4a77_29

Value:
maximum $200,000 per year, maximum 2 years

Application process:
The Ontario WSIB application deadline is February 20, 2018.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Ontario Ministry of Health and Long-Term Care (MOHLTC), Health System Research Fund: Targeted Call for Patient-Oriented Research in Mental Health and Addictions

The MOHLTC has recently announced a new research funding competition to improve Ontario’s mental health and the addictions system; *Patient-Oriented Research in Mental Health and Addictions*. (review 2., sub-priority and cross-cutting component(s) at [http://www.health.gov.on.ca/en/pro/ministry/research/target_research_application.aspx#2a](http://www.health.gov.on.ca/en/pro/ministry/research/target_research_application.aspx#2a))

Five additional cross-cutting components have also been identified. Applicants are encouraged to incorporate any/all of these components into their projects where applicable and/or feasible. The cross-cutting components are:

a) Equity;
b) Indigenous Health;
c) Patient-Centred Care;
d) Implementation Science;
e) Modernizing Patient-Centred Care through Digital Health.

Applicants will be assessed on the extent to which sex and gender have been considered in their proposed research (i.e., rationale, methods and knowledge translation, and exchange plan).

Grants funded through this competition should demonstrate strong partnership with people with lived experience throughout the entirety of research project: from project conception and writing of the grant application through governance, implementation, data analysis and interpretation, and knowledge translation and exchange.

Grant applications will be reviewed not only by scientific peer-reviewers, but also by people with lived experience and sector experts.


**Value:**
maximum $250,000 per year for 2 years

**Application process:**
The MOHLTC notice of intent deadline is **February 20, 2018**. The application deadline is **March 14, 2018**.

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

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

CIFAR is a Canadian-based, global organization bringing together 370 researchers from 18 countries to work in collaborative research programs, that address some of the most complex challenges facing the world today.
The objective of the **CIFAR Azrieli Global Scholars** program is to support scholars in building their network and developing essential skills to become the next generation of research leaders. Scholars' research interests must be aligned with the themes of an eligible CIFAR research program. For 2018, the eligible programs are:

1) Azrieli Program in Brain, Mind & Consciousness, review: [https://www.cifar.ca/research/brain-mind-consciousness/](https://www.cifar.ca/research/brain-mind-consciousness/);
4) Humans & the Microbiome (review, [https://www.cifar.ca/research/humans-the-microbiome/](https://www.cifar.ca/research/humans-the-microbiome/));

Applicants may be from anywhere in the world, must hold a PhD (or equivalent), and be within the first five years of a full-time academic appointment.

CIFAR Azrieli Global Scholars receive:

a) a two-year membership in a CIFAR research program;
b) opportunities to network, collaborate and form a community with colleagues from a range of disciplines;
c) mentorship from a senior researcher within a CIFAR research program;
d) specialized leadership, communications skills training and support.

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

**Value:**
$100,000 in unrestricted research support

**Application process:**
The CIFAR application deadline is **February 22, 2018**.

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

---

**Genome Canada: Genomic Applications Partnership Program (GAPP), Round 11**

The objectives of the **GAPP** are to:

1) accelerate the application of Canadian genomics-derived and genomics-enabling solutions to real-world opportunities and challenges, defined by industry and public sector **receptors**;
2) channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;
3) enhance the value of Canadian genomics technologies, de-risking and incentivizing follow-on investment from industry and other partners;
4) foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology receptors.

Eligible **receptors** include:

- companies (private / public, Canadian / foreign-owned);
To be eligible for GAPP funding, projects must:

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


Value:
Applicants may request up to 1/3 of the project budget from Genome Canada from a minimum contribution of $100,000 to a maximum of $2 million. The remaining 2/3 must be secured from other eligible sources, with at least 1/3 provided by the receptor(s). (Review Appendix 2. guidelines for funding, page 11 at https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf).

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years. Shorter or longer terms will be considered only if a strong rationale is provided.

Application process:
There is a three-stage, gated application process for this program: 1) Expression of Interest (EOI); 2) EOI / Project Pitch (invited); 3) Supplementary Proposal (invited).

The EOI is due to Ontario Genomics by February 26, 2018. (GAPP, Round 12: The EOI is due to Ontario Genomics by April 19, 2018)

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

Grand Challenges Canada: Saving Lives at Birth, 8th Call for Innovations

The objective of the Saving Lives at Birth is to support groundbreaking, sustainable innovations to save the lives of disadvantaged mothers and newborns in the hardest to reach corners of the world.
Saving Lives at Birth seeks to catalyze scale and sustainability of the most promising solutions that bring together cutting-edge science and/or low-cost technologies, service delivery, and demand innovation in transformative new ways.

Round 8, will focus exclusively on transitioning to scale. Eligible applications will focus on any of the following areas alone, or in combination:

1) Developing, testing, and refining scaling plan/business model including generating evidence of health outcomes, or conducting further market research needed to engage partners.

2) Transitioning to scale innovations with promising health impact and developed, sustainable scaling plans.

These innovations must have demonstrated strong evidence in a controlled or limited setting of improved health outcome(s) and/or the reduction of significant barrier(s) to health and demand for the solution (i.e., proof of concept). Submissions will have the potential to credibly scale in a sustainable manner, beyond the term of Saving Lives at Birth funding, to improve the lives of millions of pregnant women and newborns in multiple settings.

http://www.grandchallenges.ca/funding-opportunities/

Value:
Applicants identify the level of funding and the specific project goals to be achieved within a 2 year maximum time frame. Co-funding and/or matched funding from partner organizations, funders, or investors is required.

Applicants that proceed to further rounds of review will be asked to provide a concept paper, an estimated budget and budget narrative, and past performance references.

Application process:
The Grand Challenges Canada expression of interest deadline is February 28, 2018.

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

Canadian Internet Registration Authority: Community Investment Program

The objective of the Community Investment Program is to assist charities, nonprofits, and academics to undertake innovative projects that support the development and/or enhancement of the Internet, for the benefit of all Canadians.

Focus areas:

a) community access to the Internet, Internet tools, and/or devices;
b) online services for vulnerable or disadvantaged groups (the online services must create efficiencies);
c) digital literacy and/or web safety;
d) infrastructure and Internet security (infrastructure must bring new or improved Internet services to regional, rural, and remote communities);
e) research focused on technological aspects of the Internet;
f) knowledge-sharing activities that lead to more effective Internet governance;
g) increase public participation in policy-making and political processes;
h) address social, economic and/or environmental needs.

https://fundingportal.com/blog/apply-now-ciras-community-investment-program/
https://cipapplication.cira.ca/?_ga=2.260923725.1906943902.1516298372-630104804.1516298372

Value:
Typical grants range from $25,000 - $50,000.
maximum $100,000

Application process:
The Canadian Internet Registration Authority application deadline is **February 28, 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**.
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/](http://ota.org/research/research-grant-opportunities/)


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

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
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

**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 viscarl@mcmaster.ca or extension 24519

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) (review *Specific features of the Young Investigators’ Program*, pages 5-6 at http://www.hfsp.org/sites/www.hfsp.org/files/webfm/Grants/LI%20Guidelines.pdf)
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

http://www.hfsp.org/

**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

**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/](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**.

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

---


The objective of the *Henri Chrétien International Research Grant* is to support 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](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

---

**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.
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:


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).

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/)

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.

(review Scope, priority areas at http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/)

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

Application Process: Applications can be submitted throughout the year.

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.

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:**
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