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Please contact Susan Gordon, Research Information Specialist, at gordosc@mcmaster.ca or extension 23138 if you would like to subscribe/unsubscribe to the Funding Opportunities Bulletin mailing list or if you would like assistance searching for funding opportunities. Recent issues of the Bulletin may also be found on our website at http://roads.mcmaster.ca/bulletin.

Previously announced:

- **Canadian Institute for Advanced Research (CIFAR): Global Call for Ideas, Second Call – Notify ROADS of Intent to Apply by December 4, 2017; Letter of Intent deadline January 21, 2018**
- **Social Sciences and Humanities Research Council (SSHRC): Insight Development Grants – Notify ROADS of intent to apply by December 8, 2017; SSHRC Application deadline February 2, 2018**
- **Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1 – Notify ROADS of intent to apply by December 8, 2017; SSHRC Stage 1 Application deadline February 15, 2018**
- **Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Notify ROADS of intent to apply by December 15, 2017; SSHRC Application deadline February 1, 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 – Webinars January 11, 12, 2018; Application deadline March 12, 2018**
- **Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Projects – McMaster Industry Liaison Office (MILO) Letter of Intent deadline January 19, 2018; NSERC Letter of Intent deadline February 1, 2018**
- **Crohn’s & Colitis Foundation: Entrepreneurial Investing Initiative – Letter of Intent deadline January 22, 2018**
- **Genome Canada: 2017 Bioinformatics and Computational Biology (B/CB) Competition – Ontario Genomics Draft Registration deadline January 24, 2018, Final Registration deadline January 31, 2018; Ontario Genomics Draft Application deadline February 7, 2018, Final Application deadline March 28, 2018**
- **Department of Defense, Congressionally Directed Medical Research Programs: FY17-18 Defense Medical Research and Development Program (DMRDP): FY17 Accelerating Innovation in Military Medicine (AIMM) Research Award – Pre-application/Letter of Intent deadline January 26, 2018; Application deadline February 9, 2018**
- **Tinker Foundation Incorporated: Institutional Grants - Letter of Inquiry deadline January 29, 2018; Application deadline March 1, 2018**
- **Graham Foundation: Grants to Organizations – Notify ROADS of Intent to Apply by January 29, 2018; Application deadline February 25, 2018**
- **Academy of Motion Picture Arts and Sciences: Academy Film Scholars – Application deadline January 31, 2018**
- **Alpine Club of Canada (ACC): ACC Environment Grant – Application deadline January 31, 2018**
- **Parkinson Canada: Grants – Application deadline February 1, 2018**
• **Burroughs Wellcome Fund: Collaborative Research Travel Grants** – Application deadline February 1, 2018

• **The Lung Association – Ontario, Ontario Respiratory Care Society (ORCS): ORCS Research Grant** – Application deadline February 1, 2018

• **Spencer (Spencer Foundation): Small Research Grants and The New Civics** – Application deadline February 1, 2018

• **Alexia Foundation: Alexia Professional Grant** – Application deadline February 1, 2018

• **The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training Program (KRESCENT): New Investigator Award** – Application deadline February 1, 2018

• **National Multiple Sclerosis Society: Grants** - Pre-application deadline February 7, 2018

• **Government of Canada, Natural Resources Canada: Clean Growth Program** – Letter of Interest deadline February 7, 2018

• **World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019** – Application deadline February 12, 2018

• **Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging – extended** Letter of Intent deadline February 15, 2018

• **World Anti-Doping Agency (WADA): 2018 Scientific Research Grants** – Application deadline February 15, 2018

• **Wabash Center: Project Grants** – Application deadline February 15, 2018

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

McMaster Research Ethics Board (MREB) and the Hamilton Integrated Research Ethics Board (HiREB): Annual Ethics Workshop

The MREB and the HiREB are hosting the annual human research ethics workshop. The workshop is designed to introduce researchers across all faculties and disciplines to ethical issues surrounding research involving human participants. Researchers and graduate students are invited.

Attending:
- Dr. Julija Kelecevic, Regional Ethicist, Office of Clinical & Organizational Ethics, Hamilton Health Sciences
- Dr. Steven Bray, Chair, MREB
- Dr. Fred Spencer, Co-Chair, HiREB

January 11, 2018
McMaster University Student Centre, CIBC Hall, Third Floor
9:00am to 11:30am
Registration: contact M. Wilson at ethicsoffice@mcmaster.ca or extension 23142

No fee to attend.
Coffee and refreshments are provided.

McMaster Faculty of Health Sciences (FHS): Request for Infrastructure

The McMaster FHS recently introduced a funding mechanism to replace aging equipment (e.g., hoods, centrifuges, freezers) and to upgrade lab facilities with new equipment.

The goal is to support acquisition of equipment that would be difficult to fund through conventional grants, and do not meet the mandate for a Canada Foundation for Innovation, John R. Evans Leaders Fund.

Equipment funding requests will be adjudicated by the FHS Research Infrastructure Committee on a quarterly basis. Meritorious requests that are unfunded due to lack of available funds will be prioritized and carried forward to subsequent quarters.

Value:
$10,000 - $30,000
Requests outside this range will be considered.

Application process:
The FHS application deadline is January 12, 2018 for the first round of funding.

Contact Tracy Arabski, Assistant Director, Infrastructure, Development and Support, Health Research Services at arabski@mcmaster.ca for the Request for Infrastructure Application.
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](mailto:pellegrc@mcmaster.ca) or extension 27207

Alzheimer’s Drug Discovery Foundation: Biomarkers Development Program

The objective of this Program is to support the development and validation of biomarkers that will enhance the design and performance of clinical trials for Alzheimer's disease, and related dementias.

Companion biomarkers for specific clinical-stage therapies, and biomarkers with broader applicability across trials and therapeutic targets, are also eligible.

**Value:**
$150,000 - $300,000 for 1 - 2 years with potential for follow-on funding

**Application process:**
The Alzheimer’s Drug Discovery Foundation letter of intent deadline is **January 19, 2018**.

The next Biomarkers Development Program request for proposals is April 13, July 13, and October 12, 2018.

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

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**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.
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

**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 viscarvl@mcmaster.ca or extension 24519

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**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**.

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 Dsylexia 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

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

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

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

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

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

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

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

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

**Canadian Institute for Advanced Research (CIFAR): Global Call for Ideas, Second Call**

The objective of the *Global Call for Ideas* is to invite the global research community to 1) maintain research interactions and engagement through interdisciplinary research networks, 2) shape new perspectives, 3) spark ground-breaking ideas and take intellectual risks, 4) submit proposals for new programs that address complex, fundamental questions of importance to the world.

Ideas must be novel, bold and potentially transformative to warrant the creation of a long-term, multi-disciplinary and collaborative research program.

**Value:**

CIFAR supports research in two ways:

1) CIFAR brings researchers from across the world together for face-to-face collaboration;
2) CIFAR Fellows receive support on an individual basis for a 5 year period.

The program is only renewed if it is deemed to be transforming fields of study, and if it has charted out an ambitious collaborative research question for the next five years.

The support can be used quite flexibly – for teaching load adjustments, student stipends and postdoctoral fellow support, amongst other uses consistent with the requirements of the researcher’s department and/or university. CIFAR will develop the budget once a program has been approved.

CIFAR does not fund infrastructure or pre-existing research programs.

https://www.cifar.ca/assets/cifar-global-call-for-ideas/

**Application process:**

Notify ROADS of intent to apply by **December 4, 2017**. Draft Letter of Intent (LOI) due to ROADS by **January 8, 2018**. The CIFAR LOI deadline is **January 21, 2018**.

**ROADS contact:**

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

**Social Sciences and Humanities Research Council (SSHRC): Insight Development Grants**

The objective of the *Insight Development Grant* is to 1) support research in its initial stages, 2) enable the development of new research questions, 3) experiment with new methods, theoretical approaches and/or ideas. Funding is provided for short-term research development projects proposed by individuals or teams.

For the current competition, at least 50 percent of funds will be reserved for applications from *emerging scholars* (review *Emerging Scholar* description [http://www_sshrc-crsh.gc.ca/funding-financement/programmes/programmes/definitions-eng.aspx#a12](http://www_sshrc-crsh.gc.ca/funding-financement/programmes/programmes/definitions-eng.aspx#a12)). Established scholars must demonstrate how the proposed project is delineated from previous/ongoing research.
Value: $7,000 to $75,000 over 1 to 2 years

Application process: Notify ROADS of intent to apply by **December 8, 2017**. The draft Application is due to ROADS by **January 10, 2018**. The final Application is due to ROADS by **January 24, 2018**. The SSHRC application deadline is **February 2, 2018**.

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

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

The objective of the **Partnership Grant** is to 1) support new and existing formal partnerships, 2) advance research, research training and/or knowledge mobilization in the social sciences and humanities through mutual co-operation, sharing of intellectual leadership, and resources. Partnership Grants are intended for large teams working in formal collaboration between postsecondary institutions and/or organizations of various types.


Value:  
**Stage 1**: Successful applicants are offered funds up to $20,000 to assist in the preparation of a formal application.  
**Stage 2** (the formal application by invitation only): $500,000 per year up to $2.5 million in total over 4 to 7 years

Application process: Notify ROADS of intent to apply by **December 8, 2017**. The draft Application is due to ROADS by **January 2, 2018**. The final Application is due to ROADS by **February 5, 2018**. The SSHRC Stage 1 application deadline is **February 15, 2018**.

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

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

The objective of the **Connection Grant** is to support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. Events and outreach activities funded by this grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities.
Connection Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding. (review Subject Matter Eligibility at http://www_sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx).

Connection Grants support workshops, colloquiains, 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 **December 15, 2017**. The draft Application is due to ROADS by **January 11, 2018**. The final Application is due to ROADS by **January 23, 2018**. The SSHRC application deadline is **February 1, 2018**.

**ROADS contact:**

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

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**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/

**Webinars**

CANARIE is hosting informational webinars to discuss and answer questions regarding the Call.

**January 11, 2018**, register at: [https://canarie.zoom.us/webinar/register/WN_FQxDme3LQlajVE7Yx20Aqq](https://canarie.zoom.us/webinar/register/WN_FQxDme3LQlajVE7Yx20Aqq)

**January 12, 2018**, register at: [https://canarie.zoom.us/webinar/register/WN_EO12Vnp1SS-93fEdfQyXFQ](https://canarie.zoom.us/webinar/register/WN_EO12Vnp1SS-93fEdfQyXFQ)

**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](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](mailto:fongl@mcmaster.ca) or extension 21583

**Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Projects**

NSERC has announced the 2018 competition for *Strategic Partnership Grants (SPG) for Projects.*


The following changes have been implemented for this year’s application process:

a) inclusion of a mandatory F183A for each supporting organization in the LOI;

b) the LOI application process will require approval from the institution RGO prior to submission of the application to NSERC;

c) the LOI must be submitted first to the McMaster Industry Liaison Office (MILO) through the NSERC system, and MILO will submit electronically to NSERC.
The internal LOI deadline for MILO is **January 19, 2018** and all applicants are asked to contact MILO as soon as possible. The NSERC LOI deadline is **February 1, 2018**.

**Requirements for the LOI:**

1) Form 189. The LOI is available on the NSERC system. This is a 3 page free-form proposal that must address: a) Objectives and outcomes; b) Fit to target area; c) Originality of the research; d) Quality of the applicants; e) Training potential; f) Relevance and benefit to your partner and potential interactions.

2) F100 for the Lead Applicant only. Other co-investigators expertise is to be described in the 3 page LOI. CVs should not be attached.

3) F183A. This is specific to the SPG LOI phase and will be available through the NSERC site the week of December 4, 2017.

4) The letter of support from your partner(s). Contact MILO for guidelines.

Commitments from partners are not required at the LOI stage, however, any details regarding the anticipated support to be provided will strengthen your LOI.

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

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**Crohn’s & Colitis Foundation: Entrepreneurial Investing Initiative**

The objective of the *Entrepreneurial Investing Initiative* is to 1) support the discovery or development of a novel product with the potential to help patients with inflammatory bowel diseases (IBD), 2) accelerate the development of products that aim to improve the quality of life of patients with IBD.


**Value:**

$500,000 for 1 year

**Application process:**

The Crohn’s & Colitis Foundation letter of intent deadline is **January 22, 2018**.

**ROADS contact:**

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

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**Genome Canada: 2017 Bioinformatics and Computational Biology (B/CB) Competition**

The objective of the *B/CB Competition* is to 1) support the development of next generation B/CB tools and methodologies needed to manage, analyze and integrate complex data sets (produced by modern genomics technologies) to better understand the associated biology, 2) provide broad and timely access of the B/CB tools to the research community.
This opportunity is aimed at supporting research projects that address any aspect of bioinformatics and computational biology, as it relates to genomics across all of Genome Canada’s sectors.

Proposal focus areas:

**Stream 1:** proposals mainly impacting the human health sector;

**Stream 2:** proposals mainly impacting one or more sectors (e.g., agriculture, aquaculture/fisheries, forestry, energy, mining and/or environment.


**Value:**

$500,000 to $1 million per project (total) up to 3 years
Co-funding: 50% from Genome Canada plus 50% from other eligible sources (1:1)

**Application process:**

To better prepare the projects being submitted from Ontario for this competition, Ontario Genomics will engage external reviewers and consultants to perform a friendly review of the draft applications. Applicants will receive feedback on their applications, including gaps and areas for improvement, prior to submission to Genome Canada.

The Ontario Genomics draft registration deadline is **January 24, 2018.** The final registration deadline is **January 31, 2018.**

The Ontario Genomics draft application deadline is **February 7, 2018.** The final application deadline is **March 28, 2018.**

**ROADS contact:**

Nathan Coschi, Senior Advisor, at [coschinm@mcmaster.ca](mailto:coschinm@mcmaster.ca) or extension 21581

**Department of Defense (DoD), Congressionally Directed Medical Research Programs:**

**FY17-18 Defense Medical Research and Development Program (DMRDP): FY17 Accelerating Innovation in Military Medicine (AIMM) Research Award**

The objective of the DMRDP **AIMM Research Award** is to support new, highly creative and conceptually innovative high-risk research in:

- medical simulation and information sciences;
- military infectious diseases;
- military operational medicine;
- combat casualty care;
- radiation health effects;
- clinical and rehabilitative medicine.

All projects must have the potential to accelerate critical discoveries, or major advancements that will significantly impact military health and medicine. Applications using synthetic or systems biology-based approaches are highly encouraged.

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

**Application process:**
The DoD pre-application/letter of intent deadline is **January 26, 2018.** The application deadline is **February 9, 2018.**

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

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**Tinker Foundation Incorporated: Institutional Grants**

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

The Board of Directors has identified three program areas in which focused, expert research and innovation has the potential to make significant positive impact:

1) **Democratic Governance** (review [http://www.tinker.org/content/democratic-governance](http://www.tinker.org/content/democratic-governance));
2) **Education** (review [http://www.tinker.org/content/education](http://www.tinker.org/content/education));
3) **Sustainable Resource Management** (review [http://www.tinker.org/content/sustainable-resource-management](http://www.tinker.org/content/sustainable-resource-management)).

Projects must have a strong public policy component, offer innovative solutions to problems facing these regions, and incorporate new mechanisms for addressing these programmatic areas. Activities may include but are not restricted to research projects, workshops and conferences.

The Foundation encourages collaboration among organizations in the United States and Latin America.

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

**Value:**
Applicants are required to submit an itemized annual budget for the cost of the project.

**Application process:**
The Tinker Foundation Incorporated letter of inquiry deadline is **January 29, 2018** (or earlier). The Foundation would appreciate receiving inquiries at least four weeks in advance of the application deadline to allow time for consultation with a program officer, and for proposal development.

The application deadline is **March 1, 2018.**

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

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Academy of Motion Picture Arts and Sciences: Academy Film Scholars

The objective of the *Academy Film Scholars* is to support new English-language projects that address cultural, educational, historical, theoretical or scientific aspects of theatrical motion pictures.

The Academy seeks to:

1) promote diversity;
2) bridge the opportunity divide;
3) attract and engage broad new audiences for theatrical motion pictures;
4) provide a platform for underrepresented artists, the full range of film genres, and a variety of viewpoints and approaches;
5) encourage filmmaking as a vocation;
6) illuminate less visible aspects of filmmaking and the film industry through scholarly research, presentations and discussions.

http://www.oscars.org/education-grants/academy-film-scholars

Value:
$25,000
Applicants provide a timetable for completing the project.

Application process:
The Academy of Motion Picture Arts and Sciences application deadline is **January 31, 2018**.

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

Alpine Club of Canada (ACC): ACC Environment Grant

The objective of the **ACC Environment Grant** is to provide support that contributes to the protection and preservation of mountain and climbing environments, including the preservation of alpine flora and fauna in their natural habitat. Funding priority will be given to wilderness conservation projects related to the alpine and Arctic environments, and climbing areas in Canada

Priority will be given to projects initiated by the Alpine Club of Canada and its members. However, outside agencies and individuals may be supported if their projects meet the mandate of the Fund.


Value:

Application process:
The ACC application deadline is **January 31, 2018**.

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

Parkinson Canada: Grants

The **Parkinson Canada Research Program** funds research into the 1) cure, cause, progression, improved treatment and/or understanding of Parkinson's disease, 2) related disorders including Multiple System Atrophy, Progressive Supranuclear Palsy, other Parkinson's conditions, 3) impact these diseases have on society.

Parkinson Canada has recently announced the following funding opportunities:
1) **Pilot Project Grants**, the objective: to foster novel, high-potential projects and ideas with a trajectory for major grants with larger granting institutions.

*Targeted Competition: Progressive Supranuclear Palsy (PSP)*, 1 Pilot Project Grant available.

2) **New Investigator Award**, the objective: to support junior faculty in the first 5 years of their career as a research scientist in Canada.

https://parkinsoncan.fluidreview.com/

**Value:**

**Pilot Project**: maximum $50,000 for 1 year  
Funds granted through the Pilot Project Program will comprise 25-50% of the total amount of funds granted under the Program.

**New Investigator**: maximum $45,000 per year for 2 years

**Application process:**
The Parkinson Canada application deadline is **February 1, 2018**.

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

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**Burroughs Wellcome Fund: Collaborative Research Travel Grants**

The objective of the **Collaborative Research Travel Grant** is to support Ph.D. travel to acquire new interdisciplinary research techniques.

The grant must be used for domestic or international travel to another lab to learn new research techniques, or begin, or continue a collaboration to address biomedical questions. All proposals must be cross-disciplinary. Proposals from biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer are encouraged to apply.

https://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants

**Value:**

maximum $15,000  
Travel cannot extend beyond December 31, 2019.

**Application process:**
The Burroughs Wellcome Fund application deadline is **February 1, 2018**.

**ROADS contact:**
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
The Lung Association – Ontario, Ontario Respiratory Care Society (ORCS): ORCS Research Grant

The objective of the ORCS Research Grant is to promote research regarding any field of acute or chronic lung disease. The research may include investigation of any phenomenon pertinent to illness assessment, management, or response of the individual with a respiratory condition. The research may also be aimed at health promotion, education, and prevention issues. Studies may use quantitative or qualitative methodologies.

The established focus areas include: 1) Asthma; 2) Air Quality; 3) Smoking-related lung disease.

https://lungontario.ca/research/apply/

Value:
Applicants are required to submit a budget for 1 year.

Application process:
The ORCS application deadline is February 1, 2018.

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

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

Spencer has announced two funding opportunities:

1) **Small Research Grants**, the objective: to support academic work that will contribute to the improvement of education, broadly conceived.

   **Areas of Inquiry**: The Relation between Education and Social Opportunity; Teaching, Learning and Instructional Resources; Organizational Learning in Schools, School Systems and Higher Education Systems; Purposes and Values of Education; Field-Initiated.

   [http://www.spencer.org/small-research-grants-program-statement](http://www.spencer.org/small-research-grants-program-statement)

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


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

Application process:
The Spencer application deadline is **February 1, 2018** (May 1, August 1, November 1, 2018).

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

The objective of the Alexia Professional Grant is to enable professional photographers and visual journalists to produce substantial bodies of work promoting world peace and cultural understanding.

The Alexia Foundation Grants were created to support still photographers, however, the Foundation recognizes the profession calls for a diverse range of story forms. Therefore, while a submission must have a set of still photographs, applicants may also include other story forms (e.g., audio, motion, virtual reality, or any other visual format). Work that helps bring about change is more valued.

http://www.alexiafoundation.org/grants/professional_rules

Value:
$20,000 for the production of the proposed project
There is a $50 application fee.

Application process:
The Alexia Foundation application deadline is February 1, 2018.

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

The Kidney Foundation of Canada, Kidney Research Scientist Core Education and National Training Program (KRESCENT): New Investigator Award

The objective of the New Investigator Award is to support individuals who have clearly demonstrated excellence during their pre-doctoral and post-doctoral training in kidney disease. The award will 1) provide salary support of the faculty appointment at the rank of Assistant Professor, or its equivalent, at a Canadian University, 2) assist the individual to become established as a fully independent investigator.

Application for this award must be initiated by the university, or the institution at which the candidate will conduct the proposed research. The university or institution is expected to guarantee the applicant appropriate academic rank and to provide adequate space and facilities for the investigator’s research.


Value:
The annual stipend is $65,000 (Ph.D. without a MD or equivalent degree) and $70,000 (MD or equivalent degree), without benefits, up to 3 years. It is expected that 50% of the award will be contributed by the KRESCENT Program, and 50% by the host institution.

The KRESCENT program also offers to match up to a maximum of $25,000 of Infrastructure Support (e.g., laboratory start-up costs and support staff).
Application process:
The Kidney Foundation of Canada application deadline is **February 1, 2018**.

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

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**National Multiple Sclerosis Society: Grants**

The National Multiple Sclerosis Society has recently announced the following funding opportunity:

*Research Grants*, the objective: to support studies with high relevance to MS and the Society’s research priorities. (review *Research Funding Principles and Priorities* at [https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Funding-Principles-and-Priorities](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Funding-Principles-and-Priorities)).

[https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants)

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

[https://www.nationalmssociety.org/Search?q=research%2bgrants&stype=0&chap=0](https://www.nationalmssociety.org/Search?q=research%2bgrants&stype=0&chap=0)

**Value:**
Applicants are required to provide an estimate of the total cost of the proposed project.

**Application process:**
The National Multiple Sclerosis Society pre-application deadline is **February 7, 2018**. The application deadline is **February 14, 2018**.

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

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

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

Focus areas:

1) Reducing greenhouse gas and air emissions from natural resource operations.
2) Minimizing landscape disturbances and improving waste management in natural resource operations.
3) The production and use of advanced materials and bioproducts, as above (in natural resource operations).
4) Efficient energy use and productivity, as above.
5) Reducing water use and impacts on aquatic ecosystems, as above.

The CGP consists of two separate funding streams:

a)  **R&D projects**, from applied R&D to pilot projects;
b) **Demonstration Projects and Front End Engineering Design (FEED) Studies**: Demonstration projects including up to first commercial installation.

https://www.nrcan.gc.ca/energy/funding/cgp/20043

**Value:**

*R&D*: $300,000 to $2 million to $5 million per project  
The CGP may pay up to 75% of total project costs.

**Demonstration and FEED Studies**: $500,000 to $5 million to $10 million per project  
The CGP may pay up to 50% of total project costs.

**Application process:**
The Natural Resources Canada letter of interest deadline is **February 7, 2018**.

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

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**World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019**

The WWDF is a US-based, non-profit organization that dedicates to raise public awareness of wood as 1) an eco-friendly material, 2) having a significant role in world history, 3) an opportunity for academic research, 4) a sustainable resource.

The objective of the **WWDF Research Grant** is to support projects that focus on "**Wood and Culture**". A historical perspective is particularly encouraged.

The WWDF supports interdisciplinary and integral investigation for exploring how wood has played a prominent role in human life. Current projects and new initiatives are applicable.

http://www.worldwoodday.org/2018/researchGrant

**Value:**

$12,000 USD

**Application process:**
The WWDF application deadline is **February 12, 2018**.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging

The objective of the Transformational Research: Canada 2018 Program is to 1) support translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging, 2) fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

http://westonbraininstitute.ca/transformational-research-canada-2018/

Value:
maximum $1,500,000 for a maximum 3 years

Application process:
The Weston Brain Institute extended letter of intent deadline is February 15, 2018.

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

World Anti-Doping Agency (WADA): 2018 Scientific Research Grants

The objective of the Scientific Research Grant is to 1) support innovative, fact-based research to help the anti-doping community identify new trends in doping, new drugs, and new delivery mechanisms, 2) assist researchers around the world to develop breakthroughs in anti-doping science, 3) increase the volume of research dedicated to developing new and improved detection methods for performance-enhancing substances, 4) attract the best minds to this cause. (review Scientific Research Grant Topics at https://www.wada-ama.org/sites/default/files/2018_researchtopics_en.pdf)


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

Application process:
The WADA application deadline is February 15, 2018.

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

Wabash Center: Project Grants

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

Eligible projects will 1) promote a sustained conversation regarding pedagogy through the improvement of
practical applications of teaching and learning methods, 2) encourage research and study of pedagogical issues, 3) create a supportive environment for teaching. (review Types of Grant Projects, at http://www.wabashcenter.wabash.edu/grants/default.aspx)

The following is available:
1) Small Project Grants (review http://www.wabashcenter.wabash.edu/grants/article.aspx?id=29277);

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

**Application process:**
The Wabash Centre application deadline for Small Project Grants is any time during the year. The application deadline for Large Project Grants is **February 15, 2018**.

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

**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

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


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/)

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.


**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

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

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

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


**Value:**
maximum $1,500,000 per project over a maximum 4 years
Application process:
The Weston Brain Institute letter of intent is accepted on a rolling basis.

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

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.
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/](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