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- **National Multiple Sclerosis Society: Grants** – Pre-application deadlines January 8, February 7, 2018

- **Canadian Institute for Military and Veteran Health Research, Government of Canada, Defense Research and Development Canada: Request for Proposals, “Development of a sensor system for rapid quantification of small (100-300Da) molecules in complex biological fluids”** – Notice of Interest/Application deadline January 8, 2018

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

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


• Jiangsu Science and Technology Department (JSTD) and the Ontario Ministry of Research, Innovation and Science (MRIS): Ontario-Jiangsu Industrial Research and Development Program (OJIRDP), Round 2 - Expression of Interest deadline January 15, 2018

• Office of the Privacy Commissioner of Canada: 2018-2019 Contributions Program – Application deadline January 16, 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

• Alpine Club of Canada (ACC): ACC Environment Grant – Application deadline January 31, 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

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

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


• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Kidney Cancer Research Program (KCRP): Awards (Grants) – Pre-application deadline December 20, 2017; Application deadline January 4, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Lupus Research Program (LRP): Awards (Grants) – Pre-application deadline December 21, 2017; Application deadline January 4, 2018

• The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA – Application deadline December 31, 2017
- **Department of Defense, Congressionally Directed Medical Research Programs: FY17/18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Peer Support Program (PSP) Translational Research Award – Pre-application (Letter of Intent) deadline January 5, 2018; Application deadline January 19, 2018.**

- **Crohn’s and Colitis Canada: 2018 Innovations in IBD Research Competition – Application deadline January 19, 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.**

- **Genome Canada: Bioinformatics and Computational Biology Funding Competition (B/CB) – Registration deadline January 31, 2018.**

- **Academy of Motion Picture Arts and Sciences: Academy Film Scholars – Application deadline January 31, 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.**

- **World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019 – Application deadline February 12, 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.**
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/programs-programmes/definitions-eng.aspx#a12](http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/definitions-eng.aspx#a12)). Established scholars must demonstrate how the proposed project is delineated from previous/ongoing research.

**Webinars**

SSHRC is holding two webinars for applicants and research administrators to ask questions. Webinar participants will have the opportunity to submit written questions via the webinar interface at any time during the presentations. No registration is required.

**French:** December 11, 2017, 10:30am to 12:00pm (E)  
[https://sshrc-crsh.adobeconnect.com/r1z3a1v8vyhm/](https://sshrc-crsh.adobeconnect.com/r1z3a1v8vyhm/)

**English:** December 12, 2017, 1:00 to 2:30pm (E)  
[https://sshrc-crsh.adobeconnect.com/rul991i52gjk/](https://sshrc-crsh.adobeconnect.com/rul991i52gjk/)

To join a webinar:

- click on the link above, or copy and paste it into your web browser;
- enter your name in the field provided;
- “Enter Room” to join the webinar;
- adjust the volume on your computer.

First time attending an Adobe Connect meeting?


For technical questions:

Email: insightdevelopment@sshrc-crsh.gc.ca  
Tel.: 613-996-6976

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, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

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.

MILO Workshop

**December 8, 2017**, Council Chambers


NSERC is hosting two webinars to introduce the competition. The webinars highlight the process for Stage 1 – Letter of Intent (LOI).

**Webinars**

English:

**December 12, 2017**, 1:00 to 2:00pm (ET)

[https://nsercofcanada.adobeconnect.com/_a1139318731/spg-p-loi_webinar/](https://nsercofcanada.adobeconnect.com/_a1139318731/spg-p-loi_webinar/)

French:

**December 13, 2017**, 1:00 to 2:00pm (ET)

[https://nsercofcanada.adobeconnect.com/_a1139318731/webinaire_sps-p/](https://nsercofcanada.adobeconnect.com/_a1139318731/webinaire_sps-p/)


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
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, colloquiums, conferences, forums, Summer institutes or other events or outreach activities that facilitate:
\begin{itemize}
  \item a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
  \item b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;
  \item 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
  \item d) international research collaboration and scholarly exchanges between researchers, students, and non-academic partners from other countries.
\end{itemize}

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:
\begin{itemize}
  \item Event funding: maximum $25,000 over 1 year (the minimum request required is $7,000)
  \item Outreach Activities funding: maximum $50,000 over 1 year
\end{itemize}

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

Canadian Blood Services: Intramural Research Grant Program

The objective of the Intramural Research Grant is to support collaborative research projects that will 1) generate knowledge and lead to new discoveries, 2) improve the safety and efficacy of blood products and the blood system in general.

Research Priorities:
- a) promoting appropriate blood product utilization;
- b) ensuring an adequate blood product supply;
- c) minimizing the adverse effects of blood product transfusion;
- d) optimizing blood product quality;
- e) replacing or improving blood products through new therapies or technologies.

The Principal Investigator must be affiliated with Canadian Blood Services as a Canadian Blood Services Scientist, Medical Officer/Director/Consultant, or Adjunct Scientist. (review Eligibility, page 2, at https://blood.ca/sites/default/files/Intramural_Research_Grant_Program_Guidelines_0.pdf)

https://blood.ca/en/research/funding-programs#IRGP

Value:
The total amount available is $1,200,000. It is expected up to three new grants will be funded.

Application process:
The Canadian Blood Services registration deadline is December 15, 2017. The application deadline is April 2, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY17/18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP):
Applied Behavior Analysis Clinical Study Award

The objective of the PH/TBIRP, Applied Behavior Analysis (ABA) Clinical Study Award, is to support a prospective clinical study that will evaluate the effectiveness of the tiered delivery model of ABA for individuals diagnosed with Autism Spectrum Disorder (ASD). It is anticipated that findings from the study will determine whether those receiving ABA services demonstrate improvements in cognitive and adaptive functioning.
The proposed clinical study should address the following list of variables (not all-inclusive):

1) ASD symptom severity;
2) Cognitive and adaptive functioning;
3) ABA services received (to include but not limited to frequency, intensity, dose of ABA services);
4) Services other than ABA utilized; and
5) other demographic variables (to include but not limited to age, sex, family characteristics, TRICARE beneficiary, military dependent, etc.).

The ABA services are currently provided to TRICARE (i.e., Military Health System [MHS]) beneficiaries through a project known as Comprehensive Autism Care Demonstration. (review https://www.federalregister.gov/documents/2014/06/16/2014-14023/comprehensive-autism-care-demonstration)


**Value:**
maximum $7 million over 4 years

**Application process:**
The DoD extended pre-application deadline is December 20, 2017. The application deadline is January 8, 2018.

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

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**National Multiple Sclerosis Society: Grants**

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

1) **Pilot Research Grants**, the objective: to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding. Focus: Studies related to multiple sclerosis (MS) to a) stop MS progression, b) restore function, c) improve quality of life, d) prevent MS. 
   [https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants)

2) **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:**
- **Pilot**: $40,000 for 1 year
- **Research**: Applicants are required to provide an estimate of the total cost of the proposed project.
Application process:
Pilot: The National Multiple Sclerosis Society pre-application deadline is **January 8, 2018**. The application deadline is **January 10, 2018**.
Research: 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

**Canadian Institute for Military and Veteran Health Research (CIMVHR), Government of Canada, Defense Research and Development Canada: Request for Proposals, “Development of a sensor system for rapid quantification of small (100-300Da) molecules in complex biological fluids”**

Defence Research and Development Canada is seeking a research team to investigate surface chemistry modifications of 3D printable thermoplastics for covalent attachment of bioactive proteins in a full/complete monolayer, suitable for capturing small-molecule analytes in saliva.

The objective of this work is to develop full, working prototypes of hand-held biosensors that are capable of rapidly quantifying small concentrations of analyte in complex biological fluids. (review Qualifications at [https://cimvhr.ca/cimvhr-opportunities](https://cimvhr.ca/cimvhr-opportunities))

Value:
$146,000 plus applicable overhead
All deliverables must be submitted and completed by March 2019.

Application process:
The CIMVHR notice of interest/application deadline is **January 8, 2018**.

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

**Jiangsu Science and Technology Department (JSTD) and the Ontario Ministry of Research, Innovation and Science (MRIS): Ontario-Jiangsu Industrial Research and Development Program (OJIRDP), Round 2**

The objective of the **OJIRDP** is to 1) support bilateral, industrial and technology collaborations across Ontario and Jiangsu, 2) develop and enhance cooperation to further commercial success and socio-economic benefits for both jurisdictions, 3) drive technology development and commercialization in the global marketplace.

Priority Fields:
- Clean-Tech;
- Information and Communication Technology;
- Life Sciences;
- Advanced and Intelligent Manufacturing.
Ontario and Jiangsu will conduct parallel application processes. Ontario-based organizations must apply directly to the Ontario Centres of Excellence (OCE), and Jiangsu-based companies must apply directly to the Jiangsu Science and Technology Department (JSTD). Applicants may apply for joint bilateral R&D projects involving at least one Jiangsu company, and one Ontario organization (company and/or publicly-funded post-secondary institution).

http://oce-ontario.org/programs/industry-academic-collaboration/ontario-jiangsu-industrial-research-and-development-program-(ojirdp) and
http://www.oce-ontario.org/programs/industry-academic-collaboration/ontario-jiangsu-industrial-research-and-development-program-(ojirdp)/how-it-works

Value:
The OCE will support up to 50% of the eligible research costs to a maximum of $125,000 per project (for academic applicants), or $150,000 per project (for company applicants). The JSTD will support up to 50% of the eligible research costs to a maximum of ¥1 million RMB per project.

The maximum total grant amount, including OCE and JSTD contributions, to be received by a project is $275,000 (where the Ontario applicant is a post-secondary institution), or $300,000 (where the Ontario applicant is a company). Contributions by the OCE and the JSTD must be matched at least 1:1 in cash and/or in-kind by applicants/partners in Ontario and Jiangsu, respectively. The duration of the project must be between 1 and 3 years.

Application process:
The OCE expression of interest deadline is January 15, 2018.

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

Office of the Privacy Commissioner (OPC) of Canada: 2018-2019 Contributions Program

The objective of the Contributions Program is to support innovative research and knowledge translation applications that advance strategic privacy priorities:

a) Economics of personal information;
b) Government surveillance;
c) Reputation and privacy;
d) The body as information.

In addition, the OPC is particularly interested in funding projects that aim to promote the development and adoption of Privacy Enhancing Technologies (i.e., technologies that allow online users to protect their private information by letting them decide what data they are willing to share with third parties, and under which circumstances).

All proposals must address issues that fall within the scope of the federal Personal Information Protection and Electronic Documents Act.
Value:
$100,000 for 1 year

Application process:
The OPC application deadline is **January 16, 2018**.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@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

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

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

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.

   http://www.spencer.org/new-civics-program-statement

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.

The awardee must show proof of application for a grant-in-aid (or research grant) in support of the proposed research plan, at the time of this award.


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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**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.


**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

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**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, multidisciplinary 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

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**Centennial College and College of Massage Therapist of Ontario (CMTO), Applied Research, Innovation and Entrepreneurship Services (ARIES): 2017 Massage Therapy Research Fund (MTRF) Competition**

The objective of the **MTRF Competition** is to support high quality and rigorous research in massage therapy. Eligible research topics include, but are not limited to:

1) Massage therapy effectiveness, efficacy and safety;
2) Access to and delivery of massage therapy services;
3) Professionalization of massage therapy;
4) Massage Therapy competencies and competency assessment;
5) Evaluation of massage therapy practice.

http://www.mtrf.ca/

**Value:**
maximum $40,000 per project
The research project must not take longer than 2 years from the date the grant is released.

**Application process:**
The application deadline is **December 18, 2017**.

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY17 Kidney Cancer Research Program (KCRP): Awards (Grants)**

The DoD **KCRP** has recently announced the following funding opportunities:

1) **Consortium Development Award**: The award is a clinical trial infrastructure mechanism that provides
support to 1) create a Coordinating Center, 2) establish collaborations with clinicians and scientists at potential Clinical Trial Sites, for the development of a multi-institutional kidney clinical effort, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.

The consortium must be a geographically dispersed coalition including a Coordinating Center and at least three Clinical Trial Sites.

Clinical infrastructure development includes, but is not limited to:
- establishing appropriate collaborations;
- outlining an administrative management plan;
- developing research management and communication plans;
- devising and implementing an intellectual property plan.

http://cdmrp.army.mil/funding/pa/FY17-KCRP-CDA.pdf

2) **Idea Development Award**: The award supports innovative ideas and high-impact approaches to eliminate kidney cancer. The research project must include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.


3) **Concept Award**: The award supports 1) highly innovative, untested, potentially ground-breaking, novel concepts in kidney cancer, 2) high-risk studies and serendipitous observations that have the potential to reveal entirely new avenues for investigation, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.


4) **Translational Research Partnership Award**: The award supports partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in kidney cancer into clinical applications, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public. Observations that drive a research idea may be derived from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patients and anecdotal data.

http://cdmrp.army.mil/funding/pa/FY17-KCRP-TRPA.pdf

http://cdmrp.army.mil/funding/kcrp

**Value:**

- **Consortium Development**: maximum $1 million over 2 years
- **Idea Development**: maximum $400,000 over 3 years
- **Concept**: maximum $75,000 over 1 year
- **Translational Research Partnership**: maximum $600,000 over 3 years

**Application process:**
The DoD pre-application deadline is December 20, 2017. The application deadline is January 4, 2018.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY17 Lupus Research Program (LRP): Awards (Grants)

The DoD LRP has recently announced the following funding opportunities:

1) **Concept Award**: The award supports the exploration of 1) highly innovative new concepts or untested theories that address important problems relevant to lupus, and 2) high-risk studies that have the potential to reveal new avenues for investigation. The research completed through a Concept Award may generate sufficient preliminary data to enable the Principal Investigator to prepare an application for future research. (review Focus Areas, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-LRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LRP-CA.pdf))

2) **Impact Award**: The award supports the full spectrum of research projects or ideas that specifically focus on scientific and clinical lupus issues, which if successfully addressed, have the potential to make a major impact in lupus research. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. Inclusion of preliminary data is encouraged. (review Focus Areas, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-LRP-IA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LRP-IA.pdf))

[http://cdmrp.army.mil/funding/lrp](http://cdmrp.army.mil/funding/lrp)

**Value:**

*Concept*: maximum $150,000 over 1 year  
*Impact*: maximum $525,000 over 3 years

**Application process:**

The DoD pre-application deadline is **December 21, 2017**. The application deadline is **January 4, 2018**.

**ROADS contact:**

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

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The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA

The objective of the Request for Proposals is to support research that will study and develop cell transplant therapies for Parkinson’s Disease.

Specifically, the Foundation is seeking proposal applications for cell transplant therapies with disease modifying potential and/or the potential to significantly improve symptomatic treatment, beyond standard of care, in glucocerebrosidase (GBA) gene-related Parkinson’s Disease. (review Special Eligibility Criteria at [https://silversteinfoundation.org/rfp/](https://silversteinfoundation.org/rfp/))

**Value:**

Applicants are required to submit a budget of both direct and indirect costs. Academic institutions may request up to 25% of direct costs.

**Application process:**

The Silverstein Foundation application deadline is **December 31, 2017**.

**ROADS contact:**

Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY17/18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Peer Support Program (PSP) Translational Research Award

The objective of the PH/TBIRP PSP Translational Research Award is to support examinations of efficacy and effectiveness of peer-to-peer support interventions to 1) translate and integrate content into the everyday routines of Service members, 2) enhance psychological health readiness, 3) mitigate negative behavioral health issues including suicide behaviors.

The interventions should a) leverage public health paradigms (e.g., the social-ecological model, behavior change theory and adult learning theory), b) be sensitive to the time and contextual constraints associated with occupation and lifestyle. Interventions that include an electronic or virtual component will be considered, however, applicants must demonstrate that such components will ensure the interventions are interactive and engaging.

Considerations such as how peer-to-peer support would accommodate military culture including varied ranks and structure, gender, and occupation requirements should be taken into account.


Value:
maximum $3 million over 3 years

Application process:
The DoD pre-application (letter of intent) deadline is January 5, 2018. The application deadline is January 19, 2018.

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

Crohn’s and Colitis Canada: 2018 Innovations in IBD Research Competition

The objective of the Innovations in IBD Research Competition is to stimulate and support novel or innovative approaches to inflammatory bowel disease. Funding is available for projects that 1) are deemed scientifically excellent, 2) will refine hypotheses and/or produce preliminary data that will help seed larger projects, 3) have the potential to improve diagnosis, therapy, or prevention of IBD.


Value:
maximum $50,000 for 1 year

Application process:
The Crohn’s and Colitis Canada application deadline is January 19, 2018.
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);
2) Education (review http://www.tinker.org/content/education);
3) Sustainable Resource Management (review 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

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:**
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

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

Ontario Genomics has recently announced an upcoming Genome Canada funding opportunity for **Bioinformatics and Computational Biology (B/CB)** to be launched in December, 2017.

The objective of the B/CB 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.

**Focus:**
- **Stream 1:** proposals mainly impacting the human health sector;
- **Stream 2:** proposals mainly impacting one or more sectors - agriculture, aquaculture/fisheries, forestry, energy, mining and/or environment.

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

Application process:
Ontario Genomics registration deadline is January 31, 2018. The application deadline to be determined.

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

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

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

**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 dumitrn@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

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
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)

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.
(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

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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/](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

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**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/](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/](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