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.

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


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


**Previously announced:**

• **Networks of Centres of Excellence of Canada (NCE), 2019 NCE Program Competition: NCE Networks –** Notify ROADS and your Associate Dean Research of Intent to Apply ASAP; ROADS draft Letter of Intent (LOI) deadline October 16, 2017; NCE Secretariat LOI deadline November 15, 2017

• **France Canada Research Fund – New Scientific Collaboration Support Program 2018 –** Notify ROADS of Intent to Apply by October 17, 2017; Application deadline November 10, 2017

• **Mitacs: Globalink – Globalink Orientation Session –** October 24, 2017

• **Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging –** Program Information Webinar October 25, 2017; Letter of Intent deadline December 7, 2017

• **Canadian Network for Human Health and the Environment, Webinar with the Chemicals Management Plan (CMP): National Human Biomonitoring Programs –** October 26, 2017

• **ROADS: Arts Research Board (ARB) Fall 2017 Grants Competition –** Application deadline October 31, 2017

• **Networks of Centres of Excellence, BioCanRx, Biotherapeutics for Cancer Treatment: BioCanRx Rolling, Open Call –** Letter of Intent deadline November 1, 2017

• **The Getty Foundation: Conservation Guest Scholars –** Application deadline November 1, 2017

• **Cancer Research Institute: Grants –** Letter of Intent deadline November 1, 2017 and November 15, 2017

• **Grain Farmers of Ontario: Grants –** Application deadlines November 6, 2017 and November 24, 2017

• **Alzheimer Society Canada: 2018 Alzheimer Society Research Program –** Application deadline November 6, 2017
• BrightFocus Foundation: National Glaucoma Research Program – Application deadline November 7, 2017

• Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations, Round 20 – Application deadline November 8, 2017

• Bank of Canada: Fellowship Program – Nomination deadline November 10, 2017

• Ontario Ministry of the Environment and Climate Change: Great Lakes Guardian Community Fund – Application deadline November 10, 2017

• Brain Canada and Parkinson Canada: Brain Canada – Parkinson Canada Platform Grant – Letter of Intent deadline November 13, 2017

• Genome Canada: Genomic Applications Partnership Program (GAPP) Round 10 – Expression of Interest deadline November 13, 2017

• Fulbright Canada: Visiting Research Chair in Peace and War Studies at Norwich University – Application deadline November 15, 2017

• Fulbright Canada: Awards For Canadian Scholars – Application deadline November 15, 2017

• Canadian Hemophilia Society (CHS): Grants – Application deadline November 15, 2017

• Compute Canada: Resource Allocation Competitions – Application deadline November 16, 2017

• Department of Defense, Congressionally Directed Medical Research Programs, FY17-18 Defense Medical Research and Development Program (DMRDP): Award (Grant) – Pre-application deadline November 20, 2017; Application deadline February 5, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Breast Cancer Research Program (BCRP) II – November 21, 2017

• Simons Foundation Autism Research Initiative (SFARI): 2018 Pilot and Research Awards – Letter of Intent deadline December 1, 2017

• Natural Sciences and Engineering Research Council of Canada (NSERC), Belmont Forum-BiodivERsA: 2017-2018 Joint Call, Scenarios of biodiversity and ecosystem services – Pre-registration deadline December 1, 2017; Application deadline March 9, 2018

• Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1 – Letter of Intent deadline December 4, 2017

• 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.

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

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

SSHRC is now accepting applications for the Partnership Engage Grants competition. The grant is expected to respond to the objectives of the SSHRC Insight and the SSHRC Connection programs. (review Insight Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programs-programme_cadre/insight-savoir-eng.aspx; review Connection Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programs-programme_cadre/connection-connexion-eng.aspx)

Both Programs provide 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 supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations, in non-academic sectors.

Partnership Engage 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).


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

Application process:
Notify ROADS of intent to apply by October 24, 2017. The initial draft of the application and letters of support are due to ROADS by November 23, 2017. The final draft and a completed and signed Application Approval Form are due to ROADS by December 7, 2017. The SSHRC application deadline is December 15, 2017. (also March 15, 2018 and June 15, 2018)

ROADS contact:
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713
Canadian Space Agency (CSA) and the National Research Council Canada Industrial Research Assistance Program (NRC IRAP): Information Session

The CSA, in partnership with the NRC IRAP, will host an information session to help identify potential Canadian health and biomedical roles in human deep space missions, and explore new collaborations to improve the innovation process in both space and terrestrial health.

The information session will provide a platform to 1) hear from companies and researchers who have experience developing technologies and conducting research for space, 2) seek potential opportunities to play a role in support of astronaut healthcare and performance in future deep space, manned exploration missions.

The event:
**October 26, 2017**, 8:00am – 12:30pm, MaRS Discovery District, Toronto

The CSA invites you to apply to participate in the information session by completing a form and submitting it to an email address. (complete the form; email: asc.santespatiale-spacehealth.csa@canada.ca)

Due to limited space, the CSA will review all requests to participate and follow-up with a formal invitation and meeting details.


Juvenile Diabetes Research Foundation (JDRF): Innovative Grants

The JDRF has recently announced the following funding opportunities:

**Beta Cell Replacement Innovative Grants** and **Prevention Innovative Grants**, the objective: to provide seed funding for highly innovative research with significant potential to accelerate the mission of JDRF.


Proposals should address key outstanding questions and have the potential to lead to a change in the current paradigm or conventional wisdom and/or lead to a groundbreaking discovery. Preliminary data is not required in the proposal, however, the underlying premise, goal or hypothesis must be plausible and testable, and the proposal must be focused with a well-defined goal that is achievable within the timeframe of the award.


**Value:**

**Beta Cell Replacement** and **Prevention**: maximum $100,000 USD in direct costs, indirect costs 10%, total $110,000 for 1 year
Application process:
The JDRF application deadline is October 31, 2017.

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

Patient-Centered Outcomes Research Institute (PCORI): Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes - Cycle 3 2017

The PCORI seeks to fund pragmatic clinical trials, large simple trials, or large-scale observational studies that compare two or more alternatives for addressing:

1) prevention, diagnosis, treatment, or management of a disease or symptom;
2) improving healthcare system-level approaches to managing care;
3) communicating or disseminating research results to patients, caregivers, or clinicians; or
4) eliminating health or healthcare disparities.
(review, 16 high-priority topics and research questions at https://www.pcori.org/sites/default/files/PCORI-PFA-2017-Cycle-3-Pragmatic-Studies.pdf)

Proposed studies must address critical clinical choices faced by patients, their caregivers, clinicians, or delivery systems. The proposals must involve broadly representative patient populations and be large enough to provide precise estimates of hypothesized effectiveness differences, and to support evaluation of potential differences in treatment effectiveness in patient subgroups.

https://www.pcori.org/funding-opportunities/announcement/pragmatic-clinical-studies-evaluate-patient-centered-outcomes-4

Value:
Applicants are required to submit a budget.
funds available, $90 million; maximum project budget, $10 million up to 5 years

Application process:
The PCORI letter of intent deadline is October 31, 2017.

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

Leukemia & Lymphoma Society of Canada: New Idea Award

The objective of the New Idea Award is to support 1) innovative approaches that may fundamentally change the understanding, diagnosis and/or treatment of blood cancers and related pre-malignant conditions, 2) novel concepts that may eventually lead to significant improvements in the clinical outcomes of patients.

http://www.llscanada.org/research/new-idea-award-0
(Operating Grants to be announced shortly, http://www.llscanada.org/research/operating-grants)
Value:
$75,000 for a 1 year

Application process:
The Leukemia & Lymphoma Society of Canada letter of intent deadline is **November 1, 2017**. The application deadline is **February 10, 2018**.

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

Marine Environmental Observation, Prediction and Response (MEOPAR) Network in partnership with exactEarth Ltd., Clear Seas Centre for Responsible Marine Shipping, Emergency Management British Columbia (EMBC), Ocean Networks Canada, Call for Proposals: September 2017

The MEOPAR Network is a national network of academic researchers, students, government scientists, and partners in the private, NGO and community sectors working together to reduce Canada’s vulnerability to marine risk.

The objective of the **Call for Proposals** is to 1) build multi-sectoral and interdisciplinary partnerships; 2) accelerate research from discovery (academic) to impact (end-users) (MEOPAR defines research impact as the effect on, change, or benefit to the economy, society, culture, public policy, government operations, the environment or quality of life), 3) accomplish knowledge mobilization activities.

There are four modules under this Call:

Module 1: Studying the use of automatic identification system transceivers on small vessels (Partner: exactEarth Ltd);

Module 2: Commercial shipping issues in Canada’s North (Partner: ClearSeas)

Module 3: Scientific modelling and decision-making frameworks for port infrastructure and marine transportation on the British Columbia, Washington and Alaska coastlines (Partner: EMBC)

Module 4: Open call for proposals that address one or more of the areas of MEOPAR’s **Strategic Plan** (review [http://meopar.ca/about-meopar,strategic-plan](http://meopar.ca/about-meopar,strategic-plan)).

All proposals must demonstrate end-user(s)/partner engagement in the project (beyond the Call/module partner).

MEOPAR’s research plan is organized into two themes, **Theme 1: Environmental Change** and **Theme 2: Human Activity** and is focused on providing research solutions to four Canadian socio-economic challenges:

a) the data coordination gap in ocean observation;
b) predictive capacity and environmental forecasts, particularly in the Arctic, in support of the Year of Polar Prediction;
c) knowledge-based and forecasting solutions to increase coastal community resilience;
d) technology and data solutions that minimize risk and maximize efficiency of marine industry operations, with emphasis on coastal and northern shipping.

http://meopar.ca/research/current-calls-for-proposals

**Value:**
Module 1: maximum $125,000 over 2 years
Module 2: maximum $500,000 over 2 years
Module 3: maximum $1 million over 2.5 years
Module 4: maximum $2.2 million over 2-3 years

Applicants are required to complete a detailed budget. Financial support from partners (in-kind and/or cash) will be viewed as a major asset to proposals, however, this is not a requirement for application.

Successful projects will receive funds from both MEOPAR and the Call/module partner.

**Application process:**
The MEOPAR Network application deadline is **November 8, 2017**.

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

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**McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging, Technology + Design for Optimal Aging: A Networking Event**

The Labarge Centre for Mobility in Aging, within MIRA, has partnered with the Faculties of Engineering and Health Sciences to present a networking and knowledge sharing event for researchers, funders, and industry partners.

This event will provide opportunities to hear about ongoing projects at McMaster and to network with other collaborative thinkers, who aim to transform the experience of aging through technological innovation.

McMaster researchers in all Faculties are invited to bring their perspectives on technology and design for optimal aging.

http://mira.mcmaster.ca/

Event:
**November 9, 2017**, 3:30-6:30pm at the McMaster University Club

Register at: https://docs.google.com/forms/d/e/1FAIpQLSdcXObQJOvu3VxdDwV6z3kk-QfiRtQiKTej4Q2jkcB35DSg/viewform

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**Gerda Henkel Foundation: General Research Grants**

The objective of the *General Research Grant* is to support the historical humanities, in particular, to support
research projects in the fields of Archaeology, Art History, Historical Islamic Studies, History, History of Law, History of Science, Prehistory and Early History.

The Gerda Henkel Foundation has recently announced the following funding opportunities:

1) **Research Projects** (review [https://www.gerda-henkel-stiftung.de/application_research-projects](https://www.gerda-henkel-stiftung.de/application_research-projects));
2) **Research Scholarships** (review [https://www.gerda-henkel-stiftung.de/application_research-scholarships](https://www.gerda-henkel-stiftung.de/application_research-scholarships)).

[https://www.gerda-henkel-stiftung.de/research_grants](https://www.gerda-henkel-stiftung.de/research_grants)

**Value:**
**Research Projects**: Applicants are requested to submit a detailed cost calculation (e.g., personnel, travel, materials and/or other costs) for a maximum of 12 months.
**Research Scholarships**: Applicants are requested to submit a detailed cost calculation (e.g., travel, lodging, material costs) for 1 to 24 months.

**Application process:**
The Gerda Henkel Foundation application deadline is **November 17, 2017**.

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

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**Spencer (Spencer Foundation): Conference Grants for Advancing Education Research**

The objective of the **Conference Grant** program is to 1) bring together researchers whose substantive knowledge, theoretical insight, and methodological expertise can be assembled in ways that build upon and advance best practices in education research, 2) offer a starting point for new research, 3) provide support to scholars for small research conferences and focused symposia.

The Foundation rotates the area of focus periodically to generate fresh ideas and perspectives on pressing educational challenges. The current focus is **Creating and Sustaining Equitable Educational Spaces**.

The Foundation is seeking proposals that will lead to robust research agendas, that support the advancement of learners who face structural and systemic barriers in their pursuit of educational opportunities.


**Value:**
maximum $50,000

**Application process:**
The Spencer Foundation application deadline is **December 1, 2017**.

**ROADS contact:**
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713
Wenner-Gren Foundation: Conference and Workshop Grants

The objective of the Conference and Workshop Grant is to 1) provide support to events that foster the creation of an international community of research scholars in anthropology, 2) advance significant and innovative anthropological research.

Conferences are defined as public events that are comprised primarily of oral and poster presentations to a larger audience of anthropologists. Priority is given to major conferences sponsored by large international anthropological organizations. The majority of the funds is expected to be used towards expenses for international scholars, who are making presentations at the conference and would not otherwise be able to attend.

Workshops are defined as working meetings that focus on developing and debating topical issues in theoretical anthropology. Workshops involve a small group of scholars who meet for a sufficient period of time to deal intensively with the topic. Priority is given to those workshops that devote the majority of time to discussion and debate, rather than to the presentation of papers. It is expected that workshops will result in a publication.

http://www.wennergren.org/programs/conference-and-workshop-grants

Value:
maximum $20,000

Application process:
The Wenner-Gren Foundation application deadline is December 1, 2017. The December 2017 deadline for applications is for conferences and workshops to be held no earlier than July 2018.

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

Ontario Brain Institute (OBI): Event Funding Program

The objective of the Event Funding Program is to support initiatives that are compatible with the vision, goals and objectives of the OBI (review About OBI: Our Work at http://braininstitute.ca/about-obi/our-work).

An event may:

1) stimulate breakthroughs in brain research;
2) encourage translation of new discoveries to clinical practice;
3) facilitate connections among neurological charities, neuroscience researchers, and people living with brain disorders;
4) assist in the education and training of neuroscience researchers;
5) raise public awareness of brain disorders;
6) raise Ontario’s international profile in brain research and innovation.

http://braininstitute.ca/programs-opportunities/event-funding-program
Value:
maximum $5,000

Application process:
The OBI application deadline is **December 15, 2017**.

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

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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

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**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

**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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**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

Previously announced:

Networks of Centres of Excellence of Canada (NCE), 2019 NCE Program Competition: NCE Networks

The NCE has recently announced the launch of a competition for NCE Networks. The objective of the networks must: 1) be challenge-focused and solution-driven, 2) foster innovative research, training and the co-creation of new knowledge on critical issues of intellectual, social, economic and cultural significance, 3) engage partners in the design and execution of all network activities including knowledge creation, mobilization and exploitation, 4) promote equity, diversity and inclusion within the structure of the proposed network and its activities.

Both new and established networks are eligible to apply for funding. Established networks are defined as NCE networks that have been awarded NCE funds for all available funding cycles and whose final NCE funding term has ended or will end by March 2019. Funding will be allocated to the most meritorious applications that meet the threshold of excellence in all criteria.

http://www.nce-rcce.gc.ca/Competitions-Competitions/Current-EnVigueur/NCECompetition-ConcoursRCE/Index_eng.asp
Value:
The funding available is $75 million over 5 years (approximately 40% of the budget will be allocated to fund new networks).
The budget request must be appropriate for the scope and scale of activities proposed and the projected deliverables. For established networks, the proposed budget should not necessarily be based on historical funding rates.

Application process:
Applying for NCE funding is a two stage process: a Letter of Intent (LOI) and an invited full application.

All LOIs from McMaster researchers require Faculty and University endorsement.

Notify Sherisse Webb, Assistant Director, Development, ROADS, at webbsh@mcmaster.ca and your Associate Dean Research of your intent to apply ASAP.

The draft LOI is due to ROADS by October 16, 2017. All LOIs must be received by the NCE Secretariat by November 15, 2017.

ROADS contact:
Sherisse Webb, Director, Development, ROADS, at webbsh@mcmaster.ca or extension 26946

France Canada Research Fund – New Scientific Collaboration Support Program 2018

The New Scientific Collaboration Support Program, financed by the France Canada Research Fund (FCRF), aims to accomplish the following objectives:

a) support developing new expert partnerships between France and Canada;
b) promote the advancement of research and innovation;
c) prepare and structure scientific cooperation between the two countries;
d) promote researcher mobility, particularly for young researchers;
e) provide research training for young researchers.

This program provides financing in all fields of scientific research for 1) new scientific projects jointly developed by French and Canadian teams that have never worked together, 2) the mobility of researchers and their students.

2018 Focus: research related to Low-Carbon.
Among all projects selected for funding 2018, the FCRF will fund 5 projects on Low-Carbon.

http://highereducation.francecanadaculture.org/en/node/13615

Value:
grants range from $8,000 to $15,000 over 2 years

Application process:
Notify ROADS of Intent to Apply by October 17, 2017. Applications must be submitted to both the Embassy of France in Canada and to ROADS by November 10, 2017.
All McMaster applications are subject to an internal selection process. Five proposals per Canadian member university will be selected by December 9, 2017 for further consideration by a national, joint Canada-France committee.

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

Mitacs: Globalink – Globalink Orientation Session


The session will be held in Montreal, and will also be accessible via the web.

The event consists of two stand-alone parts. Participants may choose to attend one or both parts of the session.

PART 1: an overview of Globalink initiatives (1:00 - 2:15pm ET);
PART 2: updates on the initiatives, feedback on program implementation, and an open discussion (2:30 - 4:00pm).

The session is offered in English. French slides will be available. Participants are welcome to ask questions in both languages.

Forward topics or questions you wish addressed to helpdesk@mitacs.ca.

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/

Program Information Webinar
The Institute will hold an online Program Information Webinar on October 25, 2017, at 1:00pm EDT. The session will provide comprehensive information on the application process and provide an opportunity for open questions.
Register at: https://register.gotowebinar.com/register/5977228168556194819

Value:
maximum $1,500,000 over a maximum 3 years per project

Application process:
The Weston Brain Institute letter of intent deadline is December 7, 2017.
ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

Canadian Network for Human Health and the Environment (CNHHE), Webinar with the Chemicals Management Plan (CMP): National Human Biomonitoring Programs

In collaboration with Health Canada, the CNHHE is hosting a teleconference/webinar on October 26, 2017 at 1:00pm (EDT) to present an overview of national human biomonitoring programs carried out under the Chemicals Management Plan (CMP). The focus will be on the biomonitoring component of the Canadian Health Measures Survey (CHMS), the Maternal-Infant Research on Environmental Chemicals, the Northern Contaminants Program, and how the data are used under the CMP.

Researchers are invited to take advantage of this opportunity.

Reply to cnhhe-rcshe@nb.lung.ca if you are interested in participating, along with your language preference for materials.


ROADS: Arts Research Board (ARB) Fall 2017 Grants Competition

The objective of the ARB is to cultivate a strong research base among the Faculties of Humanities, Social Sciences and Business. Specifically, ARB supports:

- research programs of new faculty;
- new and/or collaborative, interdisciplinary and/or multidisciplinary research initiatives;
- ongoing research that has a budget less than the minimum required for SSHRC applications;
- research-related conference travel;
- publication of peer-reviewed manuscripts.

It is expected that funding will lead to increased individual and group participation, and success in external grant competitions.

Seed funding is the Board's priority.

The following categories of grants are supported by the ARB:

- Conference Attendance and Representational Activities;
- Standard Research;
- Creative and Performing Arts;
- Scholarly Publications;
- Major Collaborative Project Seed Grants.

(review ARB at https://roads.mcmaster.ca/funding/arb/arb-details and Forms and Templates at https://roads.mcmaster.ca/forms)

To be eligible for ARB funding an applicant must be affiliated with McMaster University and must be eligible
for SSHRC funding under the SSHRC Institutional Grants (SIG) program.

The following will be considered affiliated with McMaster University:

. faculty members of McMaster University with a tenured or tenure-stream academic appointment;
. former faculty members of McMaster University who have retired while holding a tenured academic appointment;
. persons holding at least a one-year contractually-limited appointment at McMaster University;
. postdoctoral fellows who are conducting scholarly activity in the Humanities or Social Sciences, and who are supervised by a faculty member of McMaster University who holds a tenured or tenure-stream appointment;
. other persons who hold permanent appointments at McMaster University, who meet SSHRC eligibility criteria for SIG funding, and whose applications are approved by their Faculty Dean.

Preferential treatment will be given to new scholars. Applicants qualify as new scholars if they have not been the principal investigator on a previous successful research grant from the Tri-Agency (SSHRC, NSERC, CIHR), and one or more of the following applies:

. they completed their highest university degree within five years of the competition deadline;
. they have held a tenure-track university appointment at any university for five years or less;
. they have held an appointment at a university where tenure-track positions are offered, but never a tenure-track position; or
. they have had their career interrupted or delayed for family reasons.

Value:

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

Standard Research and Creative & Performing Arts and Scholarly Publications: maximum combined $7,000 per fiscal year (April 1 to March 31)

Major Collaborative Project Seed: maximum $15,000
Projects must be interdisciplinary and/or multidisciplinary in nature and involve at least three investigators, one being the Principal Investigator on the project.

Depending on the number of high-quality applications received, the ARB may be unable to fund all applications at the level requested.

Application process:
One complete, signed paper copy or electronic copy of the application form, including comments from the Department Chair, and all required attachments must be submitted to Muriel Gervais, ROADS, by October 31, 2017 at 4:30pm.

ROADS contact:
Muriel Gervais, Research Administration Analyst, at gervaism@mcmaster.ca or extension 21756
Networks of Centres of Excellence, BioCanRx, Biotherapeutics for Cancer Treatment: BioCanRx Rolling, Open Call

The objective of the BioCanRx Open Call is to provide funding to translate promising biotherapeutic discoveries from the lab to the clinic, with a particular emphasis on Clinical Trials / Investigational New Drug enabling work to support clinical trial applications.

Funding is available through the following Research Programs: 1) Clinical Trials; 2) Enabling Studies; 3) Catalyst; 4) Clinical, Social & Economic Impact. (review More About Our Research Programs at https://biocanrx.com/research/research-program)

Value:
Clinical Trials: approximately $4 million over 5 years, BioCanRx will contribute to a maximum of 40% for the costs of a clinical trial;
Enabling Studies: approx. $5.5 million over 5 years, BioCanRx will contribute to a maximum of 50%;
Catalyst: approx. $3.5 million over 5 years. BioCanRx will contribute to a maximum of 50%;
Clinical, Social & Economic Impact: approx. $1.5 million over 5 years, BioCanRx will contribute to a maximum of 50%.

All projects must be completed by March 31, 2020.

Application process:
The BioCanRx letter of intent deadline is November 1, 2017.

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

The Getty Foundation: Conservation Guest Scholars

The objective of the Conservation Guest Scholars is to support new ideas and perspectives in the field of conservation, with an emphasis on the visual arts (including sites, buildings, objects) and the theoretical underpinnings of the field. The program provides an opportunity for professionals to pursue scholarly research in an interdisciplinary manner, across traditional boundaries, in areas of interest to the international conservation community.

Applications are welcome from conservators, scientists, architects, and professionals who have attained distinction in conservation and related fields. (review Eligibility at http://www.getty.edu/foundation/initiatives/residential/conservation_guest_scholars.html)

Value:
monthly stipend of $3,500 for 3 or 6 consecutive months between late September and June

Application process:
The Getty Foundation application deadline is November 1, 2017.
Cancer Research Institute: Grants

The Cancer Research Institute has recently announced the following funding opportunities:

1) **Clinic and Laboratory Integration Program (CLIP) Grants**, the objective: to support basic, pre-clinical, and translational research that can be directly applied to optimizing cancer immunotherapy in the clinic. [https://www.cancerresearch.org/scientists/fellowships-grants/translational-research-grants](https://www.cancerresearch.org/scientists/fellowships-grants/translational-research-grants)

2) **Technology Impact Award**, the objective: to provide seed funding to address the gap between technology development and clinical application of cancer immunotherapies. The grant aims to encourage collaboration between technology developers and clinical cancer immunologists, and to generate the proof-of-principle of a novel platform technology in bioinformatics, ex vivo or in silico modeling systems, immunological or tumor profiling instrumentation, methods, reagents and assays, or other relevant technologies that can enable clinician scientists to generate deeper insights into the mechanisms of action of effective, or ineffective cancer immunotherapies. [https://www.cancerresearch.org/scientists/fellowships-grants/designated-grants/technology-impact-award](https://www.cancerresearch.org/scientists/fellowships-grants/designated-grants/technology-impact-award)

**Value:**

**CLIP:** $200,000 over 2 years  
**Technology Impact Award:** $200,000 over 12 to 24 months

**Application process:**

The Cancer Research Institute letter of intent deadline for the **CLIP Grant** is **November 1, 2017**. The letter of intent deadline for the **Technology Impact Award** is **November 15, 2017**.

ROADS contact:

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

Grain Farmers of Ontario: Grants

The Grain Farmers of Ontario has recently announced the following funding opportunities:

**Market Development General Call for Proposals**

1) **Grains Innovation Fund**, the objective: to support new and expanded markets for Ontario barley, corn, oats, soybeans, and wheat. Eligible projects must open new markets for Ontario grains, expand the use and demand for Ontario grains, promote Ontario grains as the best choice, identify preserve varieties for novel uses, and/or increase the value (premiums) of Ontario grains. [http://gfo.ca/Home/Post/3304/Grains-Innovation-Fund-accepting-applications](http://gfo.ca/Home/Post/3304/Grains-Innovation-Fund-accepting-applications)

2) **Research**, the objective: to support barley, corn, oat, soybean and wheat proposals under four priority areas: 1) Agronomy & Production; 2) Weed, Disease & Insect Pests; 3) Breeding & Genetics; 4) Crop Utilization & Crop Quality.
High priority areas: Pesticide resistance management and coping with breakdown of resistance; Management of grain corn ear mould incidence and reducing the occurrence of vomitoxin (DON).
http://www.gfo.ca/Research/Research-Programs

Value:
Grains Innovation Fund: projects can receive up to 60% of the cost of the project, up to a maximum of $50,000

Research: applicants are required to complete a budget template

Application process:
The Grain Farmers of Ontario application deadline for the Grains Innovation Fund is November 6, 2017. The application deadline for Research is November 24, 2017.

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

Alzheimer Society Canada: 2018 Alzheimer Society Research Program (ASRP)

The ASRP targets two types of research:

a) Biomedical: focusing on the science of the brain and the changes that are associated with dementia, and identifying therapeutic targets to reverse, stop, or cure the disease.

b) Quality of Life (QoL): exploring issues that impact the lives of people with dementia and their caregivers including risk factors, behavioural and cognitive changes, physical support, caregiving and health service delivery.

The Alzheimer Society Canada has recently announced the following funding opportunities:

1) New Investigator Grants, the objective: to help launch the careers of outstanding researchers who are within the first two years of their initial faculty appointment.

2) Research Grants, the objective: to fund established investigators.


Value:
New Investigator Grants: $75,000 (Biomedical), $60,000 (QoL) over 3 years
Research Grants: $75,000 (Biomedical), $60,000 (QoL) over 2 years

Application process:
The Alzheimer Society Canada application deadline is November 6, 2017.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
BrightFocus Foundation: National Glaucoma Research Program

The objective of the National Glaucoma Research Program is to provide significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies.

https://www.brightfocus.org/research/national-glaucoma-research-program; (review See what research we fund at https://www.brightfocus.org/grant-search?field_disease_type=All&field_award_type=All&field_award_status=All&field_award_amount=All) and https://www.brightfocus.org/grants/types-grants

Value:
$150,000 over 2 years

Application process:
The BrightFocus Foundation application deadline is November 7, 2017.

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

Bill & Melinda Gates Foundation, Global Grand Challenges: Grand Challenges Explorations, Round 20

The objective of the Grand Challenges Explorations is to foster early-stage discovery research to expand the pipeline of ideas for solving our greatest global health and development challenges.

Applications are being accepted for the following three topics:

1) Healthy Minds for Adolescent Mothers: Achieving Healthy Outcomes for the Family (review https://gcgh.grandchallenges.org/challenge/healthy-minds-adolescent-mothers-achieving-healthy-outcomes-family-round-20);

2) Innovations for Integrated Diagnostics Systems (review https://gcgh.grandchallenges.org/challenge/innovations-integrated-diagnostics-systems-round-20);


https://gcgh.grandchallenges.org/grant-opportunities

Value:
Initial grants are $100,000 USD. Successful projects are eligible to receive follow-on funding of up to $1 million USD.
Application deadline:
The Bill & Melinda Gates Foundation application deadline is November 8, 2017.

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

Bank of Canada: Fellowship Program

The objective of the Fellowship Program is to encourage and foster excellence in research that relates to the Bank’s core functions: monetary policy; the financial system; currency; funds management. (http://www.bankofcanada.ca/core-functions/)

Potential research topics include, but are not limited to:

a) macroeconomics, microeconomics and labour economics;
b) financial system regulation;
c) domestic and global financial systems;
d) financial markets and institutions;
e) international trade, growth and development;
f) behavioural disciplines related to asset pricing and economic decision-making;
g) payment mechanisms and systems.

The nominee must be employed by a Canadian university in a tenure or tenure-track position during the term of the Fellowship Award.

http://www.bankofcanada.ca/research/fellowship-program/

Value:
The award consists of a research grant of $50,000 per year, and a research expense allowance of up to $40,000 per year for related research expenses and research assistants. The award is for a term of up to 5 years.

Application process:
The Bank of Canada nomination deadline is November 10, 2017.

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

Ontario Ministry of the Environment and Climate Change: Great Lakes Guardian Community Fund

Ontario is calling on community groups to help protect, restore and enhance the Great Lakes by applying for a Great Lakes Guardian Community Fund grant. The objective of the grant is to support not-for-profit organizations, First Nations and Métis communities and organizations for projects/activities that have a direct
environmental benefit to the Great Lakes (Lake Erie; Lake Huron; Lake Ontario; Lake Superior; St. Lawrence River; Ottawa River; their connecting channels and watersheds).

All projects must have a direct environmental benefit and support at least 1 of the 3 goals: Goal 1: protect water quality for human and ecological health; Goal 2: improve wetlands, beaches and coastal areas; Goal 3: protect habitats and species.


**Value:**
maximum $25,000; projects must be completed by February 2, 2019

**Application process:**
The Ontario Ministry of the Environment and Climate Change application deadline is **November 10, 2017**.

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

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**Brain Canada and Parkinson Canada: Brain Canada – Parkinson Canada Platform Grant**

The objective of the **Platform Grant** is to support the development and maintenance of a large-scale Canadian Parkinson Network and Registry (CaPNeR) involving multiple provinces in the field of Parkinson’s disease and related disorders, built on the foundation of the established and successful FRQS Quebec Parkinson Network. (review **Quebec Parkinson Network** at [http://rpq-qpn.ca/en/](http://rpq-qpn.ca/en/))


**Value:**
$2,000,000 over 3 years

**Application process:**
The Brain Canada letter of intent deadline is **November 13, 2017**.

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

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**Genome Canada: Genomic Applications Partnership Program (GAPP) Round 10**

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

1) accelerate the application of Canadian genomics-derived solutions to real-world opportunities and challenges defined by industry, government, not-for-profits, and public sector “Receptors”.
2) channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;
3) enhance the value of Canadian genomics technologies, de-risking and incentivizing follow-on investment from industry and other partners;  
4) foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology receptors.

To be eligible for GAPP funding, projects must:

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

Benefits sought in GAPP projects can include:

a) business growth and international competitiveness;  
b) improved health and safety;  
c) food security;  
d) environmental protection;  
e) public cost savings;  
f) effective public policy;  
g) economic development;  
h) investment attraction or other tangible benefits.

and  
https://www.genomecanada.ca/en/programs/translation/funding-opportunities/genomic-applications-partnership-program

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

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years, but may be shorter or longer if justified.

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

The EOI is due to Ontario Genomics by November 13, 2017.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Fulbright Canada: Visiting Research Chair in Peace and War Studies at Norwich University

Norwich University welcomes a Fulbright Visiting Research Chair in Peace and War Studies with expertise in any of the following disciplines: International Relations; Military History; Diplomacy; Military Sociology; Terrorism; Just/Positive Peace; Information or Cyber Warfare.

Resident in the newly-formed Peace and War Center in the College of Liberal Arts, the Fulbright Visiting Research Chair will conduct research, guest lecture at the undergraduate level, and support the missions of the Peace and War Center, the College of Graduate and Continuing Studies’ Military History, Diplomacy or Information Assurance Programs. The Chair will have opportunities to participate in public lectures, attend conferences, and otherwise contribute to the intellectual life at Norwich University.

In addition to the award, the Chair is provided with a suitable workspace, as well as support services including access to numerous computer databases, Smithsonian Museum materials, and Norwich Museum archives.


Value:
$25,000 USD for 1 semester (4 months) beginning in either September or January.

Application Process:
The Fulbright Canada application deadline is November 15, 2017.

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

Fulbright Canada: Awards For Canadian Scholars

Fulbright Canada has announced the following Awards For Canadian Scholars:

1) Canadian Traditional Scholar Awards, the objective: 1) to support Canadian scholars in all disciplines, 2) to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities at any university or research center of their choice, in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States, and the relationship between the two countries. (http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html)

2) Canadian Visiting Research Chairs: are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Fulbright Visiting Research Chairs may guest lecture in university courses, mentor students, lecture in public venues, network and promote their research while representing the Fulbright program, their home and host institutions. (http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html)
review Distinguished Visiting Research Fellow Program at SUNY Plattsburgh and Scholar-in-Residence Program at http://www.fulbright.ca/programs/canadian-scholars.html

Value:

Canadian Traditional Scholar Awards: The award is valued at $12,500 USD for 1 semester (4 months) beginning in either September 2018 or January 2019.

Canadian Visiting Research Chairs: The award is valued at $25,000 USD for 1 semester (4 months) beginning in either September 2018 or January 2019.

Application Process:
The Fulbright Canada application deadline is November 15, 2017.

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

Canadian Hemophilia Society (CHS): Grants

The CHS has recently announced the following funding opportunities:

1) CHS Dream of a Cure Research Program, the objective: to support research towards improving the health and the quality of life of all people with inherited bleeding disorders, and finding a cure.
http://www.hemophilia.ca/en/research/chs-dream-of-a-cure-research-program/

2) The CHS / Pfizer Care Until Cure Research Program, the objective: to support Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders including outcome evaluation. Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrand disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder. The following specific areas of interest have been identified for the 2018-2019 granting period: Hemophilia B; Transition and clinical issues; Clinical monitoring of hemophilia treatment; Product switching experience; Antifibrinolytic Therapy (review http://www.hemophilia.ca/en/research/the-chs---pfizer-care-until-cure-research-program/)

3) CHS - Novo Nordisk Psychosocial Research Program, the objective: to engage professionals/graduate students from the allied health disciplines (i.e., Nursing, Physiotherapy and Social Work) in research activities addressed to understanding the psychosocial impact of hemophilia and other inherited bleeding disorders, and to improve the quality of life of persons and families whose lives are affected by these disorders. The major portion of each grant would be to cover the research time for the successful candidate(s), including the time for research assistants.
http://www.hemophilia.ca/en/research/chs---novo-nordisk-psychosocial-research-program/

Value:

Dream of a Cure: $75,000 per year per project to a maximum $150,000 which can be expended over 2 or 3 years
In addition, support will be available for Canadian science or medical students for a maximum stipend of $6,000 each up to 4 months.

The CHS / Pfizer Care Until Cure: $75,000 per year per project to a maximum $150,000 which can be expended over 2 or 3 years
**CHS - Novo Nordisk Psychosocial Research**: $20,000 - $40,000 for 1 year

**Application process:**
The CHS application deadline is **November 15, 2017**.

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

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**Compute Canada: Resource Allocation Competitions**

Compute Canada has invited researchers to apply to the annual *Resource Allocation Competitions (RAC)* to request storage and compute resources.

Researchers are able to apply to two RAC.

1) **Research Platforms and Portals (RPP)**, the objective: to enable communities to develop projects that improve access to shared datasets, enhance existing online research tools and facilities, or advance national or international research collaborations. The RPP competition is targeted specifically at applications that create new or support existing research platforms or portals.

https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/rpp/

2) **Resources for Research Groups (RRG)**, the objective: to enable individual faculty members and their sponsored research groups to access compute and storage resources beyond what can be obtained via the *Rapid Access Service*.

(review *Rapid Access Service* at https://www.computecanada.ca/research-portal/accessing-resources/rapid-access-service/)

https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/rrg/

**Question & Answer (Q&A) Sessions**
Compute Canada is hosting two Q&A Sessions on **October 11, 2017** and **October 13, 2017** to outline important changes to the RAC 2018 process, and to answer questions.

Review and register: https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/

**Value:**
Compute Canada is not a funding agency. Compute Canada expects to be able to allocate 124,000 core-years in computing power and 15.5 PB of storage.

**RPP**: Allocations in this competition may be awarded over multiple years, up to a maximum of 3 years.

**RRG**: Allocations are available for 1 year.

**Application process:**
The Compute Canada application deadline is **November 16, 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 Defense Medical Research and Development Program (DMRDP): Award (Grant)

The DoD has recently announced the following DMRDP funding opportunity:

FY17 Toward A Next-Generation Trauma Care Capability: Foundational Research for Autonomous, Unmanned, and Robotics Development of Medical Technologies (FORwARD) Award, the objective: 1) to support basic research to increase knowledge/understanding through discovery and hypothesis generation, 2) to provide basic fundamental knowledge that will inform and enable the future development of novel autonomous and/or robotic medical systems to care for wounded soldiers/patients through breakthrough, exploratory research. (review Topic Areas, Autonomous and Unmanned Medical Capability and Medical Robotics Research, page 4 at http://cdmrp.army.mil/funding/pa/FY17-DMRDP-MSISRP-FOR.pdf)

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

Value:
maximum $1.3 million over 2 years

Application process:
The DoD pre-application deadline is November 20, 2017. The application deadline is February 5, 2018.

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

Department of Defense (DoD): Congressionally Directed Medical Research Programs, FY17 Breast Cancer Research Program (BCRP) II: Awards (Grants)

The DoD has recently announced the following BCRP funding opportunities:

1) Breakthrough Award Levels 1 and 2 II, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer. There are two funding levels:

Funding Level 1: for innovative, high-risk/high-reward research that is in the earliest stages of idea development. The research must have the potential to yield new avenues of investigation. Proof of concept. No preliminary data required.
Funding Level 2: for research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation. (review Overarching Challenges, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY17-BCRP-BTA12.pdf)

Value:
Funding Level 1: $375,000, with a Partnering Principal Investigator (PI) Option: $600,000 over 3 years;
Funding Level 2: $750,000, with a Partnering Principal Investigator (PI) Option: $1 million over 3 years
Application Process: The DoD pre-application deadline is November 21, 2017. The application deadline is December 6, 2017.
2) **Breakthrough Fellowship Award II**, the objective: to support recent doctoral or medical graduates in pursuit of innovative, high-impact breast cancer research during their postdoctoral fellowship. Each individual must be an exceptionally talented researcher and must 1) exhibit a strong desire to pursue a career in breast cancer research, 2) provide clear evidence for a researcher development plan, 3) demonstrate the proposed research has high potential to lead to or make breakthroughs in breast cancer. A mentor is required. (review **Overarching Challenges**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17-BCRP-BFA.pdf](http://cdmrp.army.mil/funding/pa/FY17-BCRP-BFA.pdf))

**Value:** maximum $300,000 over 3 years

**Application process:** The DoD pre-application deadline is **November 21, 2017**. The application deadline is **December 6, 2017**. The confidential letters of recommendation deadline is **December 11, 2017**.

3) **Era of Hope Scholar Award II**, the objective: to support individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer. These individuals should 1) be exceptionally talented scientists who have shown they are the “best and brightest” in their field(s) through extraordinary creativity, vision, innovation and productivity, 2) have demonstrated experience in forming effective partnerships and collaborations, 3) exhibit strong potential for future leadership in breast cancer research. (review Eligibility, Principal Investigator, page 6 at [http://cdmrp.army.mil/funding/pa/FY17-BCRP-EOH.pdf](http://cdmrp.army.mil/funding/pa/FY17-BCRP-EOH.pdf))


**Value:** maximum $2.5 million over 4 years

**Application process:** The DoD pre-application deadline is **November 21, 2017**. The application deadline is **December 6, 2017**. The confidential letters of recommendation deadline is **December 11, 2017**.

**ROADS Contact:**

Christina Pellegrini, Senior Advisor, at [pellegrc@mcmaster.ca](mailto:pellegrc@mcmaster.ca) or extension 27207

**Simons Foundation Autism Research Initiative (SFARI): 2018 Pilot and Research Awards**

The SFARI has recently announced the following Awards to provide funding for investigators conducting bold, creative and rigorous research into the underlying biology, causes and treatment of autism spectrum disorders.

1) **Pilot Awards**, the objective: to support small-scale projects or early-stage experiments, that will build on preliminary data or a prior track record, and lead to competitive applications for funding by SFARI or other organizations. Investigators new to the field of autism are encouraged to apply.

2) **Research Awards**, the objective: to support experienced investigators with compelling, high-impact research on an experimental hypothesis for which preliminary data have already been gathered.


https://www.sfari.org/funding-opportunities

Value:
*Pilot*: maximum $330,000 including indirect costs for 2 years
*Research*: maximum $975,000 including indirect costs for 3 years

Application process:
The SFARI letter of intent deadline is **December 1, 2017**.

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

Natural Sciences and Engineering Research Council of Canada (NSERC), Belmont Forum-BiodivERsA: 2017-2018 Joint Call, Scenarios of biodiversity and ecosystem services

NSERC is participating in the Belmont Forum and BiodivERsA joint call on the following theme: *Scenarios of biodiversity and ecosystem services*.

The call will address the two following major (non-exclusive) priorities:

1) Development and application of scenarios of biodiversity and ecosystem services across spatial scales of relevance to multiple types of decisions;
2) Consideration of multiple dimensions of biodiversity and ecosystem services in biodiversity scenarios.

The call aims at supporting proposals that explicitly address a scenario dimension, taking into account the following definition of scenarios: *“Scenarios of biodiversity and ecosystem services are the outputs of the combination of scenarios of indirect drivers and direct drivers — such as land use change, invasive alien species, overexploitation, climate change or pollution — and models of impacts of these drivers on biodiversity and ecosystem services.”*

Twenty-five funding organizations from 23 countries are joining this call: Argentina, Austria, Belgium, Brazil (State of Sao Paulo only), Bulgaria, Canada, Estonia, Finland, France, Germany, Ireland, Ivory Coast, Lithuania, The Netherlands, Norway, Poland, Romania, Slovakia, Spain, Sweden, Switzerland, Turkey, United States of America.

Scientific teams are invited to form international consortia comprising research groups from at least three countries participating in the call.

[http://www.biodiversa.org/1224](http://www.biodiversa.org/1224) and [http://www.biodiversa.org/1239](http://www.biodiversa.org/1239)

Value:
The approximate global budget for this call is more than 25 million euro ($37 million CDN). NSERC’s contribution will be up to $300,000 per year for 3 years, with a maximum of $75,000 per year per project.
Application process:
The mandatory pre-registration deadline is **December 1, 2017**, 17:00 CET (local time in Brussels). The application deadline is **March 9, 2018**, 17:00 CET (local time in Brussels).

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

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**Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1**

The objective of this Call is to provide seed funding for novel, high-risk, high-reward translational research to accelerate the development of safe and effective treatments for neurodegenerative diseases of aging.

*Parkinson’s & Related Diseases* include: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; Multiple system atrophy; prodromes; Vascular contributions.

All projects must involve the development of a therapeutic, and/or a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.

The **Rapid Response** program will have multiple calls per year, alternating between two different disease groups: PD-related diseases; Alzheimer disease (AD) -related diseases (to launch November 2017).

[http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

**Program Information Webinar**
The Weston Brain Institute hosted a Program Information Webinar on October 10, 2017. (registration [https://register.gotowebinar.com/register/4497947423299780098](https://register.gotowebinar.com/register/4497947423299780098))

**Value:**
maximum $200,000 over a maximum 18 months

**Application process:**
The Weston Brain Institute letter of intent deadline is **December 4, 2017**.

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

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**Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call**

The objective of the **International & Interdisciplinary Research Workshops** is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centred on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.
The Open Call is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

https://www.cifar.ca/assets/researchworkshops/

Value:
CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.

Application Process:
The CIFAR will accept applications on a rolling basis.

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

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

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

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

Value:
maximum $70,000 for 1 year

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

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

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

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

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/
**Value:**
There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and travel are allowable. The grant provides funding for up to 5 years.

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

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

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**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.


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

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

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


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

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

**Value:**  
Each Canadian member institution will receive up to $500 CND.

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

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