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.


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

January 19, 2018

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• Human Frontier Science Program: Research Grants – obtain a 2019 reference number deadline March 19, 2018; Letter of Intent deadline March 28, 2018

• Egg Farmers of Canada: Research Grants – Letter of Intent deadline March 23, 2018

• American Astronomical Society: Henri Chrétien International Research Grants – Application deadline April 1, 2018

• Mitacs: Globalink Research Award – apply by May 2018

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Partnership Grants – Stage 1 – Notify ROADS of intent to apply by December 8, 2017; SSHRC Stage 1 Application deadline February 15, 2018

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

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

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

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

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

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

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

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

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

• CANARIE (Canadian Network for the Advancement of Research Industry and Education): Research Software Program Competitive Funding Call 2b: Research Software Re-Use at the Platform Level – Application deadline March 12, 2018

• Banting Research Foundation: Discovery Award – Application deadline March 15, 2018

• Banting Research Foundation and the Dystonia Medical Research Foundation Canada: Discovery Award – Application deadline March 15, 2018

• Organization for Autism Research: Applied Research Competition – Preproposal deadline March 26, 2018

• Scottish Rite Charitable Foundation: Major Research Grants – Application deadline April 30, 2018

• Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition – Application deadline May 1, 2018

• Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges – (approximate) Application deadline May 14, 2018

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

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

• Weston Brain Institute, Early Phase Clinical Trials: Canada – Letter of Intent is accepted on a rolling basis.

• Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.

• Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award – Applications are accepted on a rolling basis.

• Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.
Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Networks (SPG-N)

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

It is expected the grant will:

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

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

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

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

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

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

There are two application categories:

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

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

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

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

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

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**McMaster University, Office of International Affairs, Call for Proposals: International Initiatives Micro Fund, Round 4**

The objective of the *International Initiatives Micro Fund* is to 1) provide small investments in first-time international research contacts or initiatives, typically originated by individual faculty members, 2) reduce the threshold to international research activities, 3) serve as seed funding ideally leading to joint projects and international partnerships.

The application process is simple and straight-forward, requiring a one-page description of the project and the intended use of the funds.

Faculty approval is required.

https://dailynews.mcmaster.ca/worthmentioning/call-for-proposals-international-initiatives-micro-fund/

**Value:**
Individual investments are normally limited to $5,000. It is expected that up to 10 investments will be made in Round 4.

**Application process:**
The application deadline is **January 26, 2018**.

**Contact:**
Proposals must be submitted via email to Dr. Peter Mascher, Vice-Provost, International Affairs, McMaster University, at vpi@mcmaster.ca and be accompanied by the applicant’s CV (NSERC Form 100 or equivalent).

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

The OTA has recently announced the following funding opportunities:

1) **OTA Member, Full Grant Pre-proposal**, the objective: to support any research issue related to musculoskeletal trauma (excluding product development).
Grants available:

a) Clinical Research (value: $40,000/year, maximum 2 years);
b) Basic Research (value: $25,000/year, maximum 2 years);
c) Directed Topic Research in the following clinical topics:
   . Treatment and Prevention of Post-traumatic Arthritis after Articular Fractures (co-branded by the AirCast Foundation);
   . Musculoskeletal Infection;
   . Systemic and Healing Response of Compromised Patient to Trauma-Elderly, Diabetic and Obese;
   . Evaluation of Ability of the Orthopaedic Trauma Association Open Fracture classification to Predict Amputation, Infection and Soft Tissue Coverage Procedures;
   . Pain Management in Orthopaedic Trauma. (value: $25,000/year, maximum 2 years)

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

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


Application process:
The OTA Member, Full Grant Pre-proposal deadline is January 29, 2018.
The OTA/AOTNA Members, Direct Topic Pre-proposal is March 12, 2018.

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

Alberta Innovates in partnership with Alberta-Pacific Forest Industries Inc: CNC (cellulose nanocrystals) Challenge 3.0

The objective of the CNC Challenge is to support early-stage work to demonstrate technical feasibility of CNC in high-value applications, with potential for commercialization.

Current leading-edge research in Alberta includes applications in the fields of energy, health, industrial coatings, electronics and the environment.

http://bio.albertainnovates.ca/funding/abf/cnc-challenge-30/

Value:
maximum $25,000 for project research;
maximum one kilogram of CNC from the InnoTech Alberta pilot plant; and
access to InnoTech Alberta researchers, capacity, and facilities.

Projects must be completed in 1 year. Ongoing support toward commercialization is available.
**Application process:**
The Alberta Innovates letter of intent deadline is **February 1, 2018.**

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

**Christopher & Dana Reeve Foundation: Quality of Life Grants Program**

The objective of the *Quality of Life Grants Program* is to 1) drive innovation, and invest in groundbreaking spinal cord research to advance promising solutions to the forefront of care, 2) support and respond to the priority needs of the community of people living with paralysis.

This year, the Reeve Foundation is piloting a **tiered** approach to the structure of the Quality of Life Grants Program.

1) **Direct Effect, Tier 1**, the objective: to clearly impact individuals living with paralysis and their families, and to support the wide range of projects and activities of the traditional Quality of Life Grants.

Examples:

a) sports wheelchairs for wheelchair basketball team;
b) adapted glider in a community playground;
c) kayak for a rowing program;
d) accessible lockers in a gym;
e) hydraulic lift at a pool;
f) electronic door openers at a community center;
g) wheelchair accessible picnic table at a county fairground;
h) camp scholarships;
i) subsidized lessons for therapeutic riding;
j) transportation costs for an inclusive after-school program;
k) stipends for support group leaders.

All projects are **open-focused**.

**Grant value:** maximum $15,000
Projects must be completed within 12 months.

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

**Tier 2**, priority areas: Transportation; Respite/Caregiving; Disaster Response
**Grant value:** $30,000

**Tier 3**, priority area: Nursing Home Transition
**Grant value:** $40,000

**Tier 4**, priority area: Employment
**Grant value:** $50,000
Project periods are typically 12 months in duration, or less.

https://www.christopherreeve.org/get-support/grants-for-non-profits/application-process

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

The *Direct Effect, Tier 1*, letter of intent deadline is **April 11, 2018**. The application deadline is **May 1, 2018**.

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

**Huntington Society of Canada: 2018 Navigator Research Program**

The objective of the *Navigator Research Program* is to support basic scientific research of direct and immediate relevance to Huntington Disease (HD) in Canada with the aim of 1) providing a platform for the recruitment of outstanding investigators to HD research, 2) facilitating research collaboration nationally and internationally, 3) supporting research that is relevant to other neurodegenerative disorders.

https://www.huntingtonsociety.ca/navigator-research-program-2/

**Value:**
maximum $75,000 per year for 1 or 2 years

**Application process:**
The Huntington Society of Canada letter of intent deadline is **February 15, 2018**.

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

**Ontario Ministry of Health and Long-Term Care (MOHLTC), Health System Research Fund: Targeted Call for Patient-Oriented Research in Mental Health and Addictions**

The MOHLTC has recently announced a new research funding competition to improve Ontario’s mental health and the addictions system; *Patient-Oriented Research in Mental Health and Addictions*.

(review 2., *sub-priority and cross-cutting component(s)* at http://www.health.gov.on.ca/en/pro/ministry/research/target_research_application.aspx#2a)

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

- a) Equity;
- b) Indigenous Health;
- c) Patient-Centred Care;
d) Implementation Science;

e) Modernizing Patient-Centred Care through Digital Health.

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

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

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

http://www.health.gov.on.ca/en/pro/ministry/research/hsrf_target_research.aspx#1

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

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

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

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

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

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

Eligible **receptors** include:

- companies (private / public, Canadian / foreign-owned);
- industry consortia;
- government departments and agencies (federal, provincial and municipal);
- healthcare organizations;
- not-for-profit organizations.

To be eligible for GAPP funding, projects must:

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


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

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

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

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

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

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

The objective of the *Saving Lives at Birth* is to support groundbreaking, sustainable innovations to save the lives of disadvantaged mothers and newborns in the hardest to reach corners of the world.

Saving Lives at Birth seeks to catalyze scale and sustainability of the most promising solutions that bring together cutting-edge science and/or low-cost technologies, service delivery, and demand innovation in transformative new ways.

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

1) Developing, testing, and refining scaling plan/business model including generating evidence of health outcomes, or conducting further market research needed to engage partners.
2) Transitioning to scale innovations with promising health impact and developed, sustainable scaling plans.

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

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

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

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

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

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

Canadian Internet Registration Authority: Community Investment Program

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

Focus areas:

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

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

Value:
Typical grants range from $25,000 - $50,000.
maximum $100,000
Application process:
The Canadian Internet Registration Authority application deadline is **February 28, 2018.**

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

Human Frontier Science Program (HFSP): Research Grants

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

Two types of grants are available:

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

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

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

Eligibility: teams of scientists at any stage of their careers

http://www.hfsp.org/

Value:

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

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


Application process:
Contact the HFSP to obtain a 2019 reference number by **March 19, 2018.** The HFSP letter of intent deadline is **March 28, 2018.**
Egg Farmers of Canada: Research Grants

The objective of the Research Grant is to support researchers and industry experts who conduct proactive research across a range of priorities. The priority areas include:

a) Animal care science;
b) Food safety;
c) Human nutrition and health;
d) End of flock management;
e) Non-food uses of eggs;
f) Environment and sustainability;
g) Bird nutrition and health;
h) Public policy and economics;
i) Research gaps identified by the Code of Practice (review [http://www.nfacc.ca/pullets-and-laying-hens](http://www.nfacc.ca/pullets-and-laying-hens)).

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

[http://www.eggfarmers.ca/research/](http://www.eggfarmers.ca/research/)

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

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

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


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

Emphasis is on long-term visits and the development of close working relationships with astronomers in other countries.

[https://aas.org/grants-and-prizes/chr%C3%A9tien-international-research-grants](https://aas.org/grants-and-prizes/chr%C3%A9tien-international-research-grants)

Value:
maximum $20,000 USD
The award may be used to cover astronomical observational research, travel costs, salary, publication costs and small pieces of research equipment.
If appropriate, the recipient’s family is encouraged to accompany him/her on the long-term international visit.

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

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

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**Mitacs: Globalink Research Award**

The objective of the **Globalink Research Award** is to provide funds for senior undergraduate and graduate students in Canada to conduct research projects at universities overseas. All disciplines are eligible.

The following opportunities support travel and research from Canada to universities in:

- Australia
- Brazil
- China
- EU member countries (in France, both universities and Inria Research Centres are eligible host institutions)
- Israel
- India
- Japan
- Korea
- Mexico
- Norway
- Saudi Arabia
- Tunisia
- United Kingdom
- United States


**Value:**
maximum $6,000 for 12 – 24 weeks

**Application process:**
Mitacs recommends students apply by **May 2018** for travel planned this Fall.

**Contact:**
Contact international@mitacs.ca for more information.
Previously announced:

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

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


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

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

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

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

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


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

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


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

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

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

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

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.

The Graham Foundation application deadline is February 25, 2018.
National Multiple Sclerosis Society: Grants

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

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

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

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

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

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

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

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

Government of Canada, Natural Resources Canada: Clean Growth Program

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

**Focus areas:**

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

The CGP consists of two separate funding streams:

a) **R&D projects**, from applied R&D to pilot projects;

b) **Demonstration Projects and Front End Engineering Design (FEED) Studies**: Demonstration projects including up to first commercial installation.
Value:

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

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

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

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

**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.


Value:
$12,000 USD

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

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

**Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging**

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

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

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

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

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

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

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


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

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

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

Wabash Center: Project Grants

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

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

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

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

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

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

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

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

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

**Innovations in Service**
- Technology  
- Partnerships

The WSIB Grants Program accepts **Research** and **Training Proposals**.

**Research Proposals**

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

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

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

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

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

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

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

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

CIFAR is a Canadian-based, global organization bringing together 370 researchers from 18 countries to work in collaborative research programs, that address some of the most complex challenges facing the world today.

The objective of the **CIFAR Azrieli Global Scholars** program is to support scholars in building their network and developing essential skills to become the next generation of research leaders. Scholars’ research interests must be aligned with the themes of an eligible CIFAR research program. For 2018, the eligible programs are:

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

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

CIFAR Azrieli Global Scholars receive:

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

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

Value:
$100,000 in unrestricted research support
**Application process:**
The CIFAR application deadline is **February 22, 2018**.

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

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

The purpose of CANARIE is to 1) fund and promote reusable research software tools to accelerate scientific discovery, 2) support Research Data Canada, 3) provide identity management services that enable secure, ubiquitous connectivity and content access to the academic community.

CANARIE has announced a second **Call for Proposals** that invests in research software teams to adapt their existing research platforms to support researchers from other disciplines.

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

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

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

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

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

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

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

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

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**Banting Research Foundation: Discovery Award**

The objective of the **Discovery Award** is to support outstanding, new investigators in all areas of health and biomedical research who will be within the first three years of the date of their first career academic appointment, at the application deadline date, at a university or research institute in Canada.
The intent of the award is to provide seed funding to allow applicants to gather pilot data to enhance their competitiveness for other sources of funding.


**Value:**
maximum $25,000 for 1 year (from July 1/18 to June 30/19)
The funds can be used to purchase equipment, general operating expenses, and salaries for technicians, postdoctoral fellows and students.

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

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

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

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

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

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

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

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

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Organization for Autism Research (OAR): Applied Research Competition

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

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

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

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

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

**Application process:**
The OAR preproposal deadline is **March 26, 2018**.

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

Scottish Rite Charitable Foundation: Major Research Grants

The objective of the *Major Research Grant* is to support biomedical research into intellectual impairment focused on the following:

a) the causes and eventual cure of intellectual impairment such as Dyslexia and Autism, especially as it affects children;
b) the causes and eventual cure of Alzheimer’s Disease and other neurodegenerative diseases.

The focus of the research should be on the causes and cure of the disease, as opposed to the active treatment or palliative care.

Research into other forms of intellectual impairment may be considered.

http://www.srcf.ca/research-grants/

**Value:**
maximum $40,000 per year, maximum 3 years

**Application process:**
The Scottish Rite Charitable Foundation application deadline is **April 30, 2018**.
Association for the Sociology of Religion: Joseph H. Fichter Research Grant Competition

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

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


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

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

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

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

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

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

**Focus:**


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

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

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

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

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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](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](mailto:fongl@mcmaster.ca) or extension 21583
Shastri Indo-Canadian Institute (SICI): Grants

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Institute has recently announced the following funding opportunities:

1) **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review **Scope of GIAN**, priority areas at [http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/](http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/))

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

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

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


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

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

3) **SICI Membership Development Fund (SMDF) 2017-18**, the objective: to publicize and promote SICI mandates, as well as programs and grants offered by SICI Canada and India offices, to its Canadian Members Council Institutions to 1) enable faculty, student and staff of his/her institution to apply, and 2) receive the benefits of being active members of the SICI.


**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

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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/](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*. 
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