In this issue:

- **Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards, Round 14** – (rescheduled) ROADS Information Session April 30, 2018; Notify ROADS of Intent to Apply as soon as possible, Ontario MRIS Notice of Intent to Apply deadline June 1, 2018

- **Canadian Institutes of Health Research (CIHR) Operating Grant: Collaborative Health Research Projects (NSERC Partnered)** – Webinar April 30, 2018; Notify ROADS of Intent to Apply by May 1, 2018; CIHR Letter of Intent deadline May 29, 2018

- **Gambling Research Exchange Ontario – Webinar** – May 2, 2018; Directed Research Projects – Notice of Intent to Apply deadline May 10, 2018; Application deadline June 8, 2018

- **Prostate Cancer Canada, Targeted RFA 2018: Movember Translation Acceleration Grants (TAG)** – Registration deadline May 15, 2018; Application deadline July 9, 2018

- **Social Sciences and Humanities Research Council (SSHRC): Connection Grants** – Webinars May 23, 24, 2018

- **Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2018-19 OMAFRA New Directions Research Program** – Letter of Intent deadline May 30, 2018

- **Hamilton Scleroderma Group/Scleroderma Society of Ontario (HSG/SSO) – Call for Proposals, Scholarship** – (extended) Application deadline May 30, 2018

- **Quebec Consortium for Drug Discovery (CQDM): Quantum Leap** – Application deadline June 1, 2018

- **Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Medical Research Program (PRMRP): Grants** – Pre-application deadlines June 12, 14, 19, 2018

- **Templeton World Charity Foundation: Global Innovations for Character Development** – Application deadline June 15, 2018

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.


• Partnership For clean competition: Research Grants, Pre-Application deadline July 1, November 1, 2018; Micro-Grants – no application deadline

• National Geographic Society: Grants – Application deadline July 10, 2018

• Hamilton Community Foundation: The Dougher Community Fund – Application deadline July 13, 2018

• World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program – Application deadline July 16, 2018

Previously announced:

• Canada Council for the Arts: Killam Research Fellowships – Applicants must notify ROADS of Intent to Apply by April 9, 2018; Application deadline May 15, 2018

• Social Sciences and Humanities Research Council of Canada (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply by April 13, 2018; SSHRC Application deadline June 15, 2018

• Ontario Centres of Excellence (OCE): 2018 OCE Discovery Conference – April 30 – May 1, 2018

• The Michael J. Fox Foundation: Targeted Funding Opportunities – Webinar May 10, 2018; Pre-Proposal deadline May 31, 2018

• Government of Canada, Environment and Climate Change Canada: Low Carbon Economy Challenge – Expression of Interest deadline May 14, 2018

• RELX Group: RELX Group Environmental Challenge – Application deadline May 14, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Breast Cancer Research Program (BCRP): Grants – Pre-Application deadlines May 15, 16, 2018

• Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities: BioHeat, Demonstration & Deployment Program Streams – Registration as soon as possible, Application deadline May 17, 2018

• Alex’s Lemonade Stand Foundation for Childhood Cancer: Grants and Awards – Application deadline May 21, 2018

• Public Works and Government Services Canada on behalf of the Department of National Defence: Innovation for Defence Excellence and Security (IDEaS) – Application deadline May 24, 2018

• Health Quality Ontario and the Council of Academic Hospitals of Ontario: Adopting Research to Improve Care (ARTIC) Program – Letter of Intent deadline May 25, 2018

• CANARIE: Canadian Research Software Conference – May 29 – 30, 2018
- **Department of Defense, Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP):** Grants – Pre-application deadlines May 30, July 25, 2018

- **McMaster University, McMaster Institute for Research on Aging, Labarge Centre for Mobility in Aging (LCMA):** Grants – Application deadlines May 31, June 11, 2018

- **ALS Canada:** ALS Canada Project Grant Program 2018 – Application deadline June 8, 2018

- **Gerda Henkel Stiftung:** General Research Grants – Application deadline June 13, 2018

- **Department of Defense, Congressionally Directed Medical Research Programs, FY18 Amyotrophic Lateral Sclerosis Research Program (ALSRP):** Grants – Pre-application deadline June 22, 2018

- **Harry Frank Guggenheim Foundation:** Research Grants – Application deadline August 1, 2018

- **John Templeton Foundation:** Grants – Online Funding Inquiry deadline August 31, 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.

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**Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards (ERA), Round 14**

ROADS is hosting an interactive information session on the ERA, Round 14, competition. A representative of the MRIS will present an overview of the ERA program and answer questions.

Date, time, place: **April 30, 2018;** 11:00am – 12:00pm; McMaster, Michael DeGroote Centre for Learning and Discovery, room 2232

Register at [https://www.eventbrite.com/e/early-researcher-awards-era-round-14-information-session-tickets-45246131397](https://www.eventbrite.com/e/early-researcher-awards-era-round-14-information-session-tickets-45246131397)
The objective of the ERA is to assist promising, recently-appointed, Ontario researchers to build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

The ERA program encourages applications from all disciplines. The program opens on a competitive basis to researchers who 1) are full-time faculty or principal investigators, 2) have started their first independent academic appointment on or after July 1, 2013, 3) have obtained their first PhD/MD/DVM or terminal degree on or after July 1, 2008.

Applicants must:

- have a strong history of peer-reviewed funding;
- be able to demonstrate academic independence from previous supervisors;
- address the benefits of their proposed research to Ontario.

review Eligibility at https://www.ontario.ca/page/early-researcher-awards#section-1

Applications are evaluated on the excellence of the researcher, the quality of the research, the development of research talent, and the strategic value for Ontario.

Matching funds are required for this program, therefore, it is advised that applicants meet with their Department Chair and Associate Dean Research to review their CV, and secure matching funds.

https://www.ontario.ca/page/early-researcher-awards

Value: maximum $100,000 (for direct costs) over 5 years, in addition, maximum $40,000 (for indirect costs)

The funds may be used for salaries, benefits, research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

The award of $100,000 must be matched by an additional $50,000 in cash from the researcher’s institution and/or a private, or public sector partner.

Eligible sources of matching funds include:

- cash contributions from the researcher’s Department or Faculty;
- university scholarships to undergraduates, graduate students and post-doctoral fellows;
- private sector cash contributions;
- public sector cash contributions that are not among the list of ineligible sources of matching funds.

review Ineligible partner contributions at https://www.ontario.ca/page/early-researcher-awards-program-guidelines#section-4

Application process:
Notify your Department Chair, Associate Dean Research, and ROADS of intent to apply as soon as possible. The draft Notice of Intent (NOI) and signed matching funds letter are due to ROADS by May 29, 2018. The Ontario MRIS NOI deadline is June 1, 2018.

ROADS contact:
Pamela McIntyre, Assistant Director, Development at McIntyp@mcmaster.ca or extension 23713
Canadian Institutes of Health Research (CIHR) Operating Grant: Collaborative Health Research Projects (CHRP) (NSERC Partnered)

The objective of the CHRP Initiative is to support interdisciplinary, collaborative research projects requiring participation from the natural sciences or engineering community, together with the health sciences community. Proposed research projects must be innovative with a strong focus on knowledge translation and lead to 1) health and economic benefits for Canadians, 2) more effective health services and products, and/or 3) a strengthened health care system.

All applicant teams must:
. include at least one science or engineering researcher, and at least one health sciences researcher;
. include trainees (the number of trainees should be commensurate with the size of the project); and
. engage and collaborate with a knowledge/technology user organization that could benefit from the research results.

Special Call, Artificial intelligence (AI): Health and Society (supported by CIHR, NSERC and SSHRC)

Successful projects will bring together researchers from natural sciences and engineering, health sciences, social sciences and humanities to 1) collaborate on innovative AI research applied to health, 2) investigate ethical, legal and/or societal impacts associated with the development, scale and spread of AI in the health sector.

Part of this special call may support applications that are, in addition to the above, relevant to the following areas identified by CIHR institutes:

. To be considered relevant for CIHR-Institute of Aging (CIHR-IA) funding, applications must align with its mandate.

To be considered relevant for CIHR-Institute of Cancer Research (CIHR-ICR) funding, applications must employ AI using medical and non-medical data sets to improve cancer diagnosis and treatment.

. To be considered relevant for CIHR-Institute of Human Development, Child and Youth Health (CIHR-IHDCYH) funding, applications must align with its mandate. Teams are encouraged to include at least one Early Career Investigator as an applicant.

. To be considered relevant for CIHR-Institute of Neurosciences, Mental Health and Addiction (CIHR-INMHA) funding, applications must align with its mandate.

. To be considered relevant for CIHR-Institute of Nutrition, Metabolism and Diabetes (CIHR-INMD) funding, applications must be specifically in the areas of diabetes, gastroenterology, chronic liver and kidney disease.

. To be considered relevant for CIHR-Institute of Population & Public Health (CIHR-IPPH) funding, applications must develop or apply AI approaches to answer population and public health issues that are aligned with the mandate of the Institute.

https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtls.do?prog=2855&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true
**CIHR Webinar**

A webinar will be held on **April 30, 2018** from 1:30pm - 2:30pm (EST) to provide information on the CHRP competition and answer questions.

Register for CHRP Webinar

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**Value:**

The total amount available for this funding opportunity is $24.875 million. This amount may increase if additional funding partners participate.

Of the $24.875 million, up to $5.975 million may be available from CIHR, NSERC and SSHRC to fund applications relevant to the special call, *Artificial Intelligence: Health and Society*. This amount may increase if additional funding partners participate.

There is no maximum amount that can be requested. The maximum duration of support is 3 years.

**Application process:**

Notify ROADS of intent to apply by **May 1, 2018**. ROADS letter of intent draft deadline is **May 15, 2018**. The CIHR letter of intent deadline is **May 29, 2018**.

**ROADS contact:**

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

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**Gambling Research Exchange Ontario (GREO) - Webinar**

1) Dr. Chantal Robillard will lead a presentation and discussion that includes:

- a brief overview of responsible gambling (RG) programs and tools available in Canada;
- the current state of knowledge on RG;
- the limits and future directions for RG initiatives.


**Webinar**

**May 2, 2018**, 12:00 - 1:00pm ET

Register at [https://events.r20.constantcontact.com/register/eventReg?oeidk=a07efbv6h1y7defd57b&oseq=&c=&ch=](https://events.r20.constantcontact.com/register/eventReg?oeidk=a07efbv6h1y7defd57b&oseq=&c=&ch=)


**Contact:**

Lindsay Kalbfleish at Lindsay@greo.ca, (519) 763-8049 extension 109
2) GREO: Directed Research Projects

The GREO is accepting applications for research projects aligned with the following Ontario Lottery and Gaming Corporation directed priorities:

- **Digital Technologies**, the objective: to examine the impact of evolving technologies, mobile technologies and player support tools.

- **Sports Betting**, the objective: to gain a better understanding of the sports betting player profile including knowledge, behaviours and participation.

- **Self-Exclusion – Breaching**, the objective, to understand breaches and why they occur (i.e., specific populations that breach, breach predictability, and possible differences in sub-populations).


**Value:**
maximum $50,000 for 1 year
Projects will begin July 31, 2018.

**Application process:**
The GREO notice of intent deadline is **May 10, 2018**. The application deadline is **June 8, 2018**.

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

Prostate Cancer Canada, Targeted RFA 2018: Movember Translation Acceleration Grants (TAG)

The objective of the TAG is to 1) validate existing putative markers or tests in patient samples either retrospectively, or within a clinical trial, 2) support groups in developing and validating methods to specifically and accurately predict treatment response and/or patient outcome using an appropriate assay.

Assays can be biospecimen or imaging markers, or other appropriate tests including histology or bioinformatics.

The end goal is clinical validation of the approach, and more accurate and personalized selection of treatments for patients with prostate cancer.

Each application may consist of independent investigators based in multiple institutions. A multidisciplinary approach will be required.


**Value:**
maximum $1.5 million over 3 years
**Application process:**
The Prostate Cancer Canada registration deadline is **May 15, 2018**. The application deadline is **July 9, 2018**.

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

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


Webinar participants will have the opportunity to submit written questions via the webinar interface at any point during the presentations. No registration is required.

**Webinar schedule**

**English:** **May 23, 2018;** 1:00-3:00pm (eastern)
**Link:** [https://sshrc-crsh.adobeconnect.com/rvgw186apt8h/](https://sshrc-crsh.adobeconnect.com/rvgw186apt8h/)

**French:** **May 24, 2018;** 1:00-3:00pm (eastern)
**Link:** [https://sshrc-crsh.adobeconnect.com/r8paf1cdd92d/](https://sshrc-crsh.adobeconnect.com/r8paf1cdd92d/)

To join a webinar:
- click on the link above, or copy and paste it into your web browser
- enter your name in the field provided
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Email: [connection@sshrc-crsh.gc.ca](mailto:connection@sshrc-crsh.gc.ca)
Tel.: 613-943-1007

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

**Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2018-19 OMAFRA New Directions Research Program**

The objective of the *New Directions Research Program* is to 1) support research that stimulates the sustainable growth and competitiveness of Ontario’s agri-food, agri-business and rural sectors, 2) develop new and
alternative products that have the potential to increase the diversification of agriculture, 3) address challenges, 4) support thriving rural communities, 5) expand market opportunities at home and abroad.

Research Priority Areas:
1. Innovation for Ontario’s Agricultural Systems and Soils to Reduce Phosphorus Loss
2. Sustainable Livestock Production Using Precision Technologies to Support Compliance and Assurance Systems
3. Disruptive Technologies

http://www.omafra.gov.on.ca/english/research/new_directions/ndresearchprogram.html

Value:
multiple per project $200,000 (includes a maximum 25% indirect costs) for 3 years

Application process:
The OMAFRA letter of intent deadline is May 30, 2018.

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

Hamilton Scleroderma Group/Scleroderma Society of Ontario (HSG/SSO) – Call for Proposals, Scholarship

The objective of this Scholarship is to support research in systemic sclerosis and to “seed fund” projects to gather suitable preliminary data to be competitive in larger grants.

Faculty at McMaster University are eligible to apply.

Each application will be reviewed on the following criteria:
1. training and mentorship;
2. scientific merit and relevance to systemic sclerosis;
3. applicant’s credentials as related to the project;
4. appropriateness and feasibility of the project;
5. appropriateness of budget;
6. plan for knowledge translation.

The proposed start dates are determined by the applicant.

The awardee, beneficiary (or delegate) is expected to attend HSG meetings and to present data from the funded study. The awardee is encouraged to submit a poster or oral presentation of their work to a local, national or international conference.

Value:
maximum $25,000 per scholarship for student salary or laboratory costs for 1 year
Salary support of faculty and purchase of equipment are non-eligible expenses.

Application process:
The HSG/SSO extended application deadline is May 30, 2018 at 5:00pm.
Successful applicants will be notified by June 30, 2018.

Contact:
Andrea Gardner, RN, Scleroderma Research Coordinator, HSG and Pulmonary Hypertension Nurse Coordinator, Firestone Institute for Respiratory Health, at gardnera@stjosham.on.ca, (905) 522-1155 extension 33626
Contact Andrea for Scholarship details and the Application.

Quebec Consortium for Drug Discovery (CQDM): Quantum Leap

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

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

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


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

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Medical Research Program (PRMRP): Grants

The DoD PRMRP has recently announced the following funding opportunities:

1) Investigator-Initiated Research Award, the objective: to support studies that will make an important contribution toward research and/or patient care (i.e., military Service members, Veterans and/or beneficiaries)
for a disease or condition related to at least one of the Topic Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRMRP-IIIRA.pdf. Research projects may focus on any phase of research from basic laboratory through translational, including preclinical studies in animal models and human subjects, as well as correlative studies associated with an existing clinical trial.

**Value:** single Principal Investigator (PI) $1.2 million; Partnering PI Option $1.5 million, over 3 years

**Application process:** The DoD pre-application deadline is June 12, 2018.

2) **Technology/Therapeutic Development Award**, the objective: to provide support for the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life, in at least one of the Topic Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRMRP-TTDA.pdf. The product(s) to be developed may be a tangible item (e.g., a pharmacologic agent (drugs or biologics) or device), or a knowledge-based product that 1) addresses an identified need in a Topic Area, 2) is based on current evidence and research, 3) aims to transition into medical practice, training, tools, or to support materiel solutions (i.e., systems to develop, acquire, provide, and sustain medical solutions and capabilities), and 4) educates or impacts behavior throughout the continuum of care, including primary prevention of negative outcomes.

**Value:** $3 million over 3 years

**Application process:** The DoD pre-application deadline is June 12, 2018.

3) **Discovery Award**, the objective: to support innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications in at least one of the Topic Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRMRP-DA.pdf. Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on a sound scientific rationale and study design.

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

**Application process:** The DoD pre-application deadline is June 14, 2018. The application deadline is June 28, 2018.

4) **Focused Program Award**, the objective: to optimize research and accelerate the solution for a critical question related to at least one of the Congressionally directed Topic Areas through a synergistic, multidisciplinary research program.


**Value:** $10 million over 4 years

**Application process:** The DoD pre-application deadline is June 19, 2018.

announcement site: http://cdmrp.army.mil/funding/prmrp

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

**Templeton World Charity Foundation: Global Innovations for Character Development (GICD)**

The objective the GICD initiative is to 1) develop a portfolio of scientific innovations to promote character development through proof-of-concept and transition-to-scale awards, 2) stimulate innovations that promote and nurture character strengths among individuals and communities, 3) attract high-quality applications for character development research and implementation projects in low and middle income countries worldwide, and throughout Latin America and the Caribbean.
The lead applicant (Principal Investigator) must be affiliated with an institution based in one of the countries listed in Appendix 1.

Implementation of the project must take place in an eligible country listed in Appendix 1.

There are no restrictions on the affiliation of the co-Principal Investigator or other collaborators, and collaborations between researchers from eligible countries and other parts of the world are strongly encouraged.

The Foundation conceives of character strengths as learned and learnable attributes, virtues, skills, habits or capabilities that enable individuals to live better, more fulfilling and prosperous lives. Examples include, but are not limited to:

- gratitude;
- honesty;
- humility;
- kindness;
- perseverance;
- responsibility;
- forgiveness;
- empathy.

The Foundation strongly encourages the identification and study for character strengths, not listed here, which are embedded in local cultures, languages and countries.

Ten proof-of-concept awards will be provided to proposals that:

- develop and evaluate novel approaches to fostering character strengths; and
- develop contextually appropriate scales for measuring character strengths.

Successful proposals will demonstrate a clear path to generating impact on individuals through demonstrable changes in knowledge, awareness, and the practice of character strengths. All proposals must include a rigorous evaluation methodology.

The Foundation is also offering an award to scale up a character development innovation. This opportunity is open to innovations that have a peer-reviewed evidence base, and that are ready to achieve substantial impact through widespread implementation.

The Foundation intends several rounds of funding in this initiative over the next several years.

https://www.globalcharacter.org/

**Value:**

**proof-of-concept:** maximum $234,000 USD

(scale up) **character development innovation:** $1 million

Projects should not exceed 24 months in duration.

**Application process:**

The Templeton World Charity Foundation application deadline is **June 15, 2018.**

**ROADS contact:**

Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Partnership For clean competition (PCC): Research Grants and Micro-Grants

The PCC supports research that contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants, in all sports, at all levels of play.

The PCC has recently announced the following funding opportunities:

1) **Research Grants**, the objective: to support projects advancing knowledge in the anti-doping sphere. review **Research Priorities** at http://www.cleancompetition.org/about/research-priorities/ http://www.cleancompetition.org/programs/grants-program/

2) **Micro-Grants**, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge. http://www.cleancompetition.org/programs/micro-grants-program/

announcement website: http://www.cleancompetition.org/

**Value:**

**Research Grants:** $10,000 - $400,000 (the average funding amount is $225,000)
The duration of the project is determined by the applicant. A **Pilot Project** receives funding for 1 year.

**Micro-Grants:** for projects requiring less than $75,000 and fewer than 6 months to complete

**Application process:**
The PCC **Research Grants** pre-application deadline is **July 1, 2018** (and **November 1, 2018**). The PCC accepts **Micro-Grant** requests **year-round**.

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

National Geographic Society: Grants

The National Geographic Society supports bold, innovative and potentially transformative projects that have a primary focus in conservation, education, research, storytelling, or technology.

The National Geographic Society has recently announced the following funding opportunities:

1) **Early Career Grant**, the objective: to offer less experienced individuals an opportunity to lead a project. Applicants are not required to have an advanced degree. Applicants with more than five years of professional experience in the field of their project focus are not eligible to apply.

**Value:** $5,000 - $10,000 USD, maximum 1 year
review **Eligibility** at https://www.nationalgeographic.org/grants/eligibility/

2) **Exploration Grant**, the objective: to support experienced project leaders. The applicant and his or her team members are expected to demonstrate successful completion of similar projects with measurable and/or tangible results.

**Value:** $10,000 - $30,000, maximum 1 year
https://www.nationalgeographic.org/grants/preparing-your-proposal/
3) **Requests for Proposals**, the objective: to support certain key issues; **“Documenting Human Migrations”**

**Value:** Typical proposal requests should be less than $30,000; however, applicants may request up to $70,000. (up to 20% of the total may be used as a stipend for the applicant and/or team members)


**Announcement website:** [https://www.nationalgeographic.org/grants/grant-opportunities/](https://www.nationalgeographic.org/grants/grant-opportunities/)

**Application process:**
The National Geographic Society application deadline is **July 10, 2018**.

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

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**Hamilton Community Foundation: The Dougher Community Fund**

The objective of the **Dougher Community Fund** is to support and enhance services and facilities offered in the area formerly known as the Town of Dundas.

Applications will be considered in the following areas:

- Supports and services for seniors/persons with disabilities
- Poverty alleviation
- Youth engagement and support
- Environmental issues
- Accessibility to the arts

[https://www.hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/](https://www.hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/)

**Value:**
Applicants submit a budget for 1 year of funding.

**Application process:**
The Hamilton Community Foundation application deadline is **July 13, 2018**.

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

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**World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program**

The objective of the **Social Science Research Grant Program** is to support 1) anti-doping education programs, 2) relevant areas of social science research in the field of anti-doping to inform more effective doping prevention strategies.

WADA-supported research requires that anti-doping education programs and initiatives are grounded in scientific knowledge and evidence. All proposals, regardless of topic, should provide a strong rationale underpinned by a sound appraisal of the evidence base.
Proposals are invited for research that specifically “measures the effectiveness of existing anti-doping strategies and interventions”. Applicants must clearly demonstrate how the results of the proposed research have the potential to inform the development of effective doping prevention programs.

The WADA seeks to expand the portfolio of social science research to include a diverse range encompassing, amongst other things:

- work based on single social science disciplines;
- research which combines disciplinary approaches;
- research focused on advancing scientific theory; and
- research aimed principally at developing practical applications.

Proposals that demonstrate partnerships and collaboration between research institutions and anti-doping organizations will be looked upon favorably. Similarly, interdisciplinary proposals drawing from multiple social science fields (e.g., sociology, psychology, law, economics, and management science) are encouraged. Extra weighting will also be given to projects involving more than one country.


Value:
$100,000 USD or more, maximum 3 years

Application process:
The WADA application deadline is July 16, 2018.

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

Previously announced:

Canada Council for the Arts: Killam Research Fellowships

The objective of the Killam Research Fellowship is to provide release time from teaching and administrative duties to scholars of exceptional ability, who 1) have published the results of their research in substantial publications in their field, 2) are engaged in research projects of broad significance and widespread interest within the disciplines of the humanities, social sciences, natural sciences, health sciences, engineering, or studies linking any of these disciplines.

The fellowship is given to individual scholars who wish to pursue independent research. Typically, a fellowship recipient is a full professor in a Canadian university with significant teaching and/or administrative responsibilities.
Killam Research Fellows are expected to continue contributing to the Canadian research community after they have completed their fellowship project.

Applications must be submitted by individuals and not by their institutions, however, applicants must obtain their approval.

http://canadacouncil.ca/funding/prizes/killam-research-fellowships

**Value:**
release time: $70,000 per year for 2 years beginning no later than January 1 following notification of the fellowship

The fellowships are awarded to individuals, however, the funds are paid to and administered by the Canadian university or research institute that employs them. The funds assist the institution to cover the costs of replacement (while still paying regular salary and benefits to the fellowship recipient).

Support for research and laboratory costs must come from other sources.

**Application process:**
Applicants must notify ROADS of intent to apply by April 9, 2018. The Canada Council for the Arts application deadline is May 15, 2018.

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

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

The objective of the **Partnership Engage Grant** is to 1) provide short-term, 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, 2) respond to immediate needs and time constraints facing small-scale, stakeholder-driven partnerships/organizations in non-academic sectors, 3) respond to the objectives of the **Insight** program and the **Connection** program.

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

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


**Value:**
$7,000 - $25,000 over 1 year
Application Process:
Notify ROADS of intent to apply by April 13, 2018.

The initial draft of the Application and letters of support are due to ROADS by May 23, 2018. The final draft, and a completed and signed Application Approval Form are due to ROADS by June 7, 2018.

The SSHRC application deadline is June 15, 2018.

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

Ontario Centres of Excellence (OCE): 2018 OCE Discovery Conference

The OCE Discovery is Canada's leading innovation-to-commercialization conference. Discovery is a showcase of leading-edge technologies, best practices and research from sectors such as health, manufacturing, digital media, and cleantech.

Discovery brings together key players from industry, academia, government, the investment community, as well as entrepreneurs and students to collaborate. Renowned keynote speakers and panels ignite discussion, knowledge-sharing and new perspectives.

Date, place: April 30 – May 1, 2018; Metro Toronto Convention Centre, South Building

https://www.ocediscovery.com/

The Michael J. Fox Foundation (MJFF): Targeted Funding Opportunities

The MJFF has recently announced the following funding programs:

1) Alpha-synuclein Biology and Therapies, the objective: to support projects aimed at altering intracellular alpha-synuclein in order to broaden the scope of therapeutic approaches.

focus:
. the role of alpha-synuclein and modified forms in health and disease;
. the relationship between alpha-synuclein structure and physiological functions;
. novel therapeutic approaches targeting intracellular alpha-synuclein, or related pathways.

Value:
Biological Pathways & Novel Targets: maximum $150,000
Therapeutic Development: maximum $500,000
1-2 year grants
https://www.michaeljfox.org/research/grant-detail.php?id=34

2) Biomarkers of Protein Handling/Autophagy, Exosomes and Lipids, the objective: to advance biomarker assays in three highly relevant Parkinson’s disease (PD) biology research areas:
. protein handling/autophagy pathways
. exosomes of neuronal origin (including assays to measure proteins, nucleic acids, lipids or metabolites)
. lipids (including absolute and relative quantification and identification of lipid series)

**Value:**
commensurable with the study goals

1-2 year grants

https://www.michaeljfox.org/research/grant-detail.php?id=36

3) **GBA Biology and Therapies**, the objective: to advance the understanding of glucocerebrosidase (GBA) biology and accelerate therapeutic approaches.

focus:
. How GBA mutations lead to PD
. Mechanisms underlying GCase dysfunction in the absence of GBA mutations
. Novel therapeutic interventions to prevent pathogenic mechanisms triggered by GCase-pathway dysfunction

**Value:**

*Biological Pathways & Novel Targets*: maximum $150,000

*Therapeutic Development*: maximum $500,000

1-2 year grants

https://www.michaeljfox.org/research/grant-detail.php?id=35

4) **Non-Pharmacological Interventions for Gait and Balance Disturbances**, the objective: to test non-pharmacological interventions for the treatment of gait and balance disturbances in people with PD

focus:
. assistive devices (e.g., back or leg braces);
. novel technologies (e.g., laser or wearable devices) (novel technologies must have at least a prototype available to test for proof of concept);
. rehabilitative therapy programs (e.g., occupational or physical therapy).

Projects may aim to analyze preliminary existing data around devices or programs. At the end of the proposed project period, the technology or approach must have the potential to be quickly integrated into patient care.

**Value:**

maximum $500,000

1-2 year grants

https://www.michaeljfox.org/research/grant-detail.php?id=37

**Webinar** (for all the above)

**May 10, 2018** at 12:00pm-1:00pm

Register: https://www.michaeljfox.org/understanding-parkinsons/webinar-registration.php?id=38&e=1635395&k=1AD2D63CFE01AA61356D571F609020CC

https://www.michaeljfox.org/research/apply-for-grant.html

**Application process:**
The MJFF pre-proposal deadline is **May 31, 2018**
Government of Canada, Environment and Climate Change Canada: Low Carbon Economy Challenge

The objective of the Low Carbon Economy Challenge is to support projects that directly reduce greenhouse gas emissions (GHG) while supporting clean growth.

All projects considered under the Challenge will need to ensure the targeted emission reductions meet the following key guiding principles:

1) materiality (i.e., tangible and measurable GHG emissions reductions);
2) incrementality (i.e., in addition to existing actions);
3) contribution towards Canada’s 2030 emission reduction target of 30% below 2005 levels; and
4) cost-effectiveness.


The Challenge consists of two streams:

(current) Champions stream: provides funding to all eligible applicants (provinces and territories, municipalities, Indigenous communities and organizations, businesses and not-for-profit organizations);

(to be announced later 2018) Partnerships stream: funding is limited to Indigenous communities and organizations, small and medium-sized businesses, not-for-profit organizations and small municipalities.

Applicants are encouraged to apply to each stream.


Value: Champions stream: minimum $1 million, maximum $50 million
The maximum percentage of total project costs the federal government can contribute toward a project for not-for-profit organizations is 40%.

All activities must be completed between the date of the signature of the funding agreement and March 31, 2022.

Application process:
The Environment and Climate Change Canada expression of interest deadline is May 14, 2018.
RELX Group: RELX Group Environmental Challenge

The objective of the Environmental Challenge is to support projects that advance sustainable access to safe water where it is presently at risk and/or access to improved sanitation, and include the following criteria:

- be replicable, scalable and sustainable, and set a benchmark for innovation;
- have practical applicability;
- address non-discrimination/equity of access;
- involve and impact a range of stakeholders;
- have local/community-level engagement.

All projects must have clear practical applicability, address identified need, and advance related issues such as health, education, or human rights.


Value:
First place entry: $50,000
Second place entry: $25,000

The winners also receive free access for one year to ScienceDirect, the Scientific, Technical & Medical business’ database of full text scientific information. https://www.sciencedirect.com/

Application process:
The RELX Group application deadline is May 14, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Breast Cancer Research Program (BCRP): Grants

The DoD BCRP has recently announced the following funding opportunities:

1) Innovator Award, the objective: to support 1) visionary individuals who have demonstrated exceptional creativity, innovative work and paradigm-shifting leadership in any field including, but not limited to, breast cancer, 2) novel, visionary, high-risk ideas that could accelerate progress to ending breast cancer.

review Overarching Challenges, pages 3 - 4 at http://cdmrp.army.mil/funding/pa/FY18-BCRP-INNOVA.pdf

Value: maximum $5 million over 4 years

Application process: The DoD pre-application deadline is May 15, 2018.
2) **Breakthrough Award Levels 3 and 4**, the objective: to support promising research that has high potential to lead to, or make breakthroughs in breast cancer.

Funding **Level 3**, focus: advanced translational studies that have potential for near-term clinical investigation. Small-scale clinical trials may apply.

Funding **Level 4**, focus: large-scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Near-term clinical impact is expected. Human clinical testing is required. review *Overarching Challenges*, pages 3 - 4 at [http://cdmrp.army.mil/funding/pa/FY18-BCRP-BTAL34.pdf](http://cdmrp.army.mil/funding/pa/FY18-BCRP-BTAL34.pdf)

**Value:**

**Level 3**: $2.5 million (single Principal Investigator), $4 million (Partnering PI Option) over 4 years  
**Level 4**: maximum $10 million over 4 years

**Application process**: The DoD pre-application deadline is **May 15, 2018**.

3) **Distinguished Investigator Award**, the objective: to support visionary leaders, from any field, to pursue innovative ideas that could accelerate progress toward ending breast cancer. The Principal Investigator must 1) be an exceptionally talented researcher who has shown leadership in his/her field through extraordinary creativity, vision and productivity, 2) have a renowned reputation as a researcher who has made groundbreaking contributions to advancing his/her field, 3) have demonstrated success at forming and leading effective partnerships and collaborations, 4) demonstrate the potential to make unique and significant advances in breast cancer.  

**Value**: maximum $3 million over 4 years  
**Application process**: The DoD pre-application deadline is **May 15, 2018**.

4) **Era of Hope Scholar Award**, 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.  

**Value**: $2.5 million over 4 years  
**Application process**: The DoD pre-application deadline is **May 16, 2018**. The application deadline is **May 30, 2018**.

5) **Breakthrough Award Levels 1 and 2**, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.

Funding **Level 1**, focus: innovative, high-risk/high-reward research that is in the earliest stages of idea development. The research must have potential to yield new avenues of investigation. Proof of concept. Preliminary data is not required.
Funding Level 2, focus: 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/FY18-BCRP-BTAL12.pdf](http://cdmrp.army.mil/funding/pa/FY18-BCRP-BTAL12.pdf)

announcement site: [http://cdmrp.army.mil/funding/bcrp](http://cdmrp.army.mil/funding/bcrp)

**Value:**

**Level 1:** $375,000 (single Principal Investigator), $600,000 (Partnering PI Option) over 3 years  
**Level 2:** $750,000 (single), $1 million (Partnering) over 3 years

**Application process:** The DoD pre-application deadline is **May 16, 2018.** The application deadline is **May 30, 2018.**

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

**Government of Canada, Natural Resources Canada: Clean Energy for Rural and Remote Communities**

Natural Resources Canada (NRCan) has recently announced a funding opportunity through the *Clean Energy for Rural and Remote Communities (CERRC) Program.*

**BioHeat, Demonstration & Deployment Program Streams**, the objective: to support proposals to reduce the reliance of rural and remote communities on diesel fuel for heat and power. All proposals will need to demonstrate local community support and outline the community benefits of the project, particularly for Indigenous communities.

**Focus:**  
- BioHeat to reduce fossil fuel use  
- Innovative demonstrations to reduce diesel use  
- Deployment of renewable energy technologies for electricity


**Value:**  
$100,000 - $400,000 over 1 to 6 years

**Application process:**  
The NRCan registration deadline is **now.**

Proposals received by:  
- **April 12, 2018,** applicants are granted a half-hour phone call to ask questions related to their submission;  
- **May 3, 2018,** submissions will be reviewed for completeness and applicants are notified of missing documentation.

The NRCan application deadline is **May 17, 2018.**
Alex’s Lemonade Stand Foundation for Childhood Cancer: Grants and Awards

The Alex’s Lemonade Stand has recently announced the following funding opportunities:

1) **Reach Grants**, the objective: 1) to move hypothesis-driven research relevant to the care of pediatric patients with cancer into the clinic, 2) to fund developmental therapeutic studies in the late stage of preclinical testing [https://www.alexslemonade.org/sites/default/files/2018_reach_guidelines_final.pdf](https://www.alexslemonade.org/sites/default/files/2018_reach_guidelines_final.pdf)
   **Value:** maximum $250,000 over 2 years

2) **“A” Awards**, the objective: to support early, independent career scientists who want to establish a career in pediatric oncology research. The ideal applicant has an original project that is not currently being funded.
   Demonstration of a future commitment to pediatric cancer investigation, as well as institutional support for the career development of the investigator, are critical components of a successful application.
   Review **Eligibility Criteria**, page 2 at [https://www.alexslemonade.org/sites/default/files/2018_a-award_guidelines_final_0.pdf](https://www.alexslemonade.org/sites/default/files/2018_a-award_guidelines_final_0.pdf)
   **Value:** maximum $800,000 over 4 years

**Application process:**
The Alex’s Lemonade Stand application deadline is **May 21, 2018**.

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

Public Works and Government Services Canada on behalf of the Department of National Defence: Innovation for Defence Excellence and Security (IDEaS)

The objective of the **IDEaS** program is to seek innovative science and technology (S&T) proposals in support of Canada’s defence and security interests.


**Value:**
maximum $200,000 for a maximum 6 months
Application process:
The proposal deadline is May 24, 2018.

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

Health Quality Ontario and the Council of Academic Hospitals of Ontario: Adopting Research to Improve Care (ARTIC) Program

The objective of the ARTIC Program is to support proposals for high-impact interventions that improve patient outcomes and quality of care.

The ARTIC Program breaks down barriers and spreads proven interventions across the health system using five enablers:

1) Strategic selection of interventions that have the potential for high impact;
2) Education and training;
3) Guidance and facilitation championship;
4) A clear governance structure;
5) Evaluation.


Value:
magnitude $1 million
The ARTIC Program will fund at least one project over 24 months.

Application process:
The Health Quality Ontario letter of intent deadline is May 25, 2018.

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

CANARIE: Canadian Research Software Conference, May 29-30, 2018, Ottawa

CANARIE funds and promotes reusable research software tools and national research data management initiatives to accelerate discovery, provides identity management services to the academic community, and offers advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

CANARIE is hosting the first annual Canadian Research Software Conference to further build a cohesive Canadian community of research software developers, that advance the use and reuse of powerful software tools.

Academic researchers will learn, collaborate, exchange ideas, and discuss common issues with a goal of
ensuring maximum impact of public funds for research, through the application of state-of-the-art research software.


Early registration: $99.
Standard rate after **May 1, 2018**: $150.

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants**

The DoD OCRP has recently announced the following funding opportunities:

1) **Investigator-Initiated Research Award**, the objective: to support high-impact research that has the potential to make an important contribution to ovarian cancer, or patient/survivor care. Research projects may focus on any phase of research from basic laboratory research through translational research, excluding clinical trials. Applications must include preliminary data.

   **Value**: maximum $450,000 over 3 years
   **Application process**: The DoD pre-application deadline is **May 30, 2018**.

2) **Pilot Award**, the objective: to support the exploration of innovative concepts or theories in ovarian cancer, that could ultimately lead to critical discoveries, or major advancements that will drive the field forward. The proposed research must demonstrate a clear focus on ovarian cancer (e.g., using tissues, cell lines, datasets, or appropriate animal models).

   **Value**: maximum $250,000 over 2 years
   **Application process**: The DoD pre-application deadline is **May 30, 2018**.

3) **Clinical Development Award**, the objective: to support the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life. Near-term clinical impact is expected. Proof of concept demonstrating the potential utility of the proposed product, or a prototype/preliminary version of the proposed product should already be established.

   **Value**: maximum $600,000; *Optional Nested Early-Career Investigator* an additional $200,000 over 3 years
   **Application process**: The DoD pre-application deadline is **July 25, 2018**. The application deadline is **August 8, 2018**.

4) **Omics Consortium Development Award**, the objective: to support a multi-institutional research effort conducted by leading ovarian cancer researchers and consumer advocates, that specifically focuses on the compilation of new and/or use of existing, large datasets to study the origin of ovarian cancer disease, with an emphasis on early detection and screening.
The research team must include 1) at least one Early-Career Investigator who is within 5 years of his/her last postdoctoral research position (Ph.D.), clinical fellowship (M.D.), or equivalent, 2) at least one ovarian cancer consumer advocate, and 3) at least one Epidemiologist/Public Health Expert.


Value: maximum $400,000 over 2 years
Application process: The DoD pre-application deadline is July 25, 2018. The application deadline is August 8, 2018.

5) Ovarian Cancer Academy Award – Early-Career Investigator, the objective: to solicit additional Early-Career Investigators to join the existing Academy. This award enables the Early-Career Investigator (the Principal Investigator) to pursue an ovarian cancer project that may be basic, translational, and/or clinical research (and, new for FY18, clinical trials), under the guidance of a Designated Mentor. The Designated Mentor is not required to be at the same institution as the Early-Career Investigator.

review Eligibility page 7 at http://cdmrp.army.mil/funding/pa/FY18-OCRPOCA.pdf

Value: maximum $725,000 over 4 years; Designated Mentor, $30,000 per year
Application process: The DoD pre-application deadline is July 25, 2018. The application deadline is August 8, 2018.

announcement site: http://cdmrp.army.mil/funding/ocrp

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

McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Grants

The LCMA has recently announced the following funding opportunities:

1) Planning Grant, the objective: to invite the Associate Deans (Research) in each Faculty to submit proposals to explore and establish new cross-Faculty partnerships around the themes of aging and mobility.

The funds are intended to support networking activities (e.g., a workshop or an event) that will facilitate the exploration of research partnerships and project ideas. The goal is to generate research questions that integrate the perspectives of multiple disciplines.

Value: maximum $2,000; requires matching funds of at least $500 (may include maximum $250 of in-kind contributions from alternate sources)

Application process: The abstract deadline is May 31, 2018.
2) **Catalyst Grant, promoting aging in place through the lens of mobility**, the objective: to invite the Associate Deans (Research) in each Faculty the opportunity to conduct collaborative and interdisciplinary research focused on mobility in aging.

The grants are intended to stimulate new collaborations and allow researchers to collect preliminary data to support future proposals for full-scale studies.

**Value:** maximum $40,000 over 1 year; requires matching funds of at least $5,000 (may include maximum $2,500 of in-kind contributions from alternate sources)

**Application process:** The abstract deadline is **May 31, 2018**.

3) **Canadian Longitudinal Study on Aging** (CLSA), the objective: to apply for CLSA data access to be considered for MIRA funding.

The MIRA funds will be allocated only to projects that do not have any other funding for this purpose. MIRA membership is required to be eligible.

**Value:** MIRA funding can support access fees of $3,000 for up to 10 applications for CLSA data access.

**Application process:** The application deadline is **June 11, 2018**.
https://www.clsa-elcv.ca/data-access/data-access-application-process and http://mira.mcmaster.ca/research/funding-opportunities

4) **MIRA and LCMA Matching Funds for Research Opportunities**, the objective: to improve the positioning of McMaster’s researchers in external funding competitions.

The MIRA and the LCMA have allocated funding that could be used to match or leverage external funds. The process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.

**Value:** maximum $100,000 (total cash and/or in-kind) non-renewable funding anticipated support 1-2 projects per year

**Application process:** Proposals are accepted on a **rolling basis**. Applicants should apply at least one month before the grant submission is due.

**Contact** (for all listed above):
Laura Harrington, MIRA/LCMA Managing Director, at harrinl@mcmaster.ca or extension 28658

**ALS Canada: ALS Canada Project Grant Program 2018**

The objective of the **Project Grant Program** is to support the best possible projects that are 1) novel research approaches supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, 2) part of an ongoing ALS research program and aimed toward the vision of ALS Canada (i.e., **a future without ALS**), or 3) research focused on avenues to maximize function, minimize disability, optimize quality of life
through symptom management and support to families living with ALS.

Examples include, but are not limited to:

- management of secretions and cramps;
- psychological interventions to address mental health issues;
- nutritional interventions;
- respiratory care;
- engineering applications to reduce physical limitations;
- programs to address the needs of caregivers.

https://www.als.ca/research/apply-for-funding/

**Value:**
maximum $125,000 over 1 or 2 years

**Application process:**
The ALS Canada application deadline is **June 8, 2018**.

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

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**Gerda Henkel Stiftung: General Research Grants**

The objective of the *General Research Grant* is to support 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.

https://www.gerda-henkel-stiftung.de/research_grants

**Value:**
max. 15,000 euros
Applicants are requested to submit a detailed cost calculation (e.g., personnel, travel, materials and/or other costs) for a maximum of 12 months.

**Application process:**
The Gerda Henkel Stiftung application deadline is **June 13, 2018**.

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Amyotrophic Lateral Sclerosis Research Program (ALSRP) – Grants**

The DoD ALSRP has recently announced the following funding opportunities:

1) **Therapeutic Development Award**, the objective: to support research ranging from validation of therapeutic leads to U.S. Food and Drug Administration (FDA) Investigational New Drug (IND)-enabling studies. The
proposed studies are expected to be empirical in nature and product-driven.

Examples of activities that will be supported by this award include:

- confirmation of candidate therapeutics obtained from screening or by other means, including optimization of potency and pharmacological properties, and testing of derivatives and sister compounds;

- validation of early pilot studies, including the use of multiple ALS model systems and/or replicating preliminary data, with more time points or additional doses;

- studies on formulation and stability leading to Good Manufacturing Practice production methods;

- IND-enabling studies to include compound characterization, absorption, distribution, metabolism and excretion studies, dose/response and toxicology studies in relevant model systems.

Additional funding is being offered for the co-development of markers that will enhance the drug development process.


**Value:**
maximum $1 million; *Therapeutically Relevant Marker Option* $1,250,000 over 2 years

2) *Therapeutic Idea Award*, the objective: to promote new ideas aimed at drug or treatment discovery that are still in the early stages of development. Development and/or modification of preclinical model systems, or the application of high-throughput screens to define or assess lead compounds for ALS treatment, are of interest. Development of methods to adequately measure target binding and proximal downstream effects (target engagement), and the potential for undesirable activities at related but unintended targets (selectivity), are also encouraged.


**Value:**
maximum $500,000 over 2 years

announcement site: [http://cdmrp.army.mil/funding/alsrp](http://cdmrp.army.mil/funding/alsrp)

**Application process:**
The DoD pre-application deadline is **June 22, 2018**.

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

**Harry Frank Guggenheim Foundation: Research Grants**

The objective of the *Research Grant* is to support scholarly research on problems of violence, aggression and dominance.

The Foundation welcomes proposals from any of the natural and social sciences and the humanities, that
promise to increase understanding of the causes, manifestations, and control of violence and aggression.

The highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. review Research Priorities at http://hfg.org/rp/youth.htm

http://hfg.org/

Value:
$15,000 - $40,000 per year for 1 or 2 years

Application process:
The Harry Frank Guggenheim Foundation application deadline is August 1, 2018.

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

John Templeton Foundation: Grants

The objective of the John Templeton Foundation is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the Big Questions. review Vision, Mission & Impact at https://www.templeton.org/about/vision-mission-impact

Core Funding Areas:

- Science & The Big Questions
- Exceptional Cognitive Talent & Genius
- Genetics
- Voluntary Family Planning;
- Character Development
- Individual Freedom & Free Markets
review Funding Areas at https://www.templeton.org/funding-areas

The Foundation has announced two grant types:  Small; Large

Value:
Small Grants: requests for $234,800 USD, or less
Large Grants: requests for more than $234,800 USD

Application process:
The John Templeton Foundation online funding inquiry deadline is August 31, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
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. (review **Scope**, priority areas at [http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/](http://www.sici.org/programmes/details/faculty-in-residence-programme-fir-open/))

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

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

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

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

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


Value:
maximum $1,500,000 per project over a maximum 4 years

Application process:
The Weston Brain Institute letter of intent is accepted on a rolling basis.

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

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

The objective of the International & Interdisciplinary Research Workshops is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centred on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.

The Open Call is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

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

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

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

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award

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

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

**Value:**
maximum $70,000 for 1 year

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

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

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

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

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/

**Value:**
There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and travel are allowable. The grant provides funding for up to 5 years.

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

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