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- **Department of Defense, Congressionally Directed Medical Research Programs:** FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants – Pre-application deadline July 11, 2018

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

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


- Canadian Frailty Network in partnership with the Canadian Institutes of Health Research (CIHR) Institute of Aging; CIHR Institute of Circulatory and Respiratory Health; CIHR Institute of Musculoskeletal Health and Arthritis; Canadian Space Agency: 2018 Understanding the Health Impact of Inactivity Funding Opportunity – Registration deadline July 24, 2018; Application deadline August 21, 2018

- Department of Defense, Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants – Pre-application deadline July 26, 2018

- The Conserver Society of Hamilton and District Inc.: Ed Smee Fund – Notice of Interest deadline August 30, 2018

- Leukemia & Lymphoma Society: Specialized Centre of Research Program – Letter of Intent deadline August 31, 2018

- Louisville Institute: Grants – Application deadlines September 1, October 1, November 1, 2018, January 15, 2019


Previously announced:

- 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

- CANARIE: Canadian Research Software Conference May 29-30, 2018; Call for Research Data Management Software – Application deadline June 20, 2018

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

- Alex’s Lemonade Stand Foundation for Childhood Cancer: Grants – Letter of Intent deadline June 11, 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

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

- Mitacs: Globalink Research Internship – Professor Project deadline June 13, 2018

- Weston Brain Institute: Grants – Webinar June 14, 2018; Letter of Intent deadline August 1, 2018
• Templeton World Charity Foundation: Global Innovations for Character Development – Application deadline June 15, 2018

• Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): Explorer Awards – Application deadline June 15, 2018

• Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants – NSERC Discovery Grants Webinars June 19 and July 12, 2018; ROADS Discovery Grants Information Session June 5, 2018; ROADS draft Notification of Intent to Apply deadline July 18, 2018; NSERC Notification of Intent deadline August 1, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Cancer Research Program (PRCRP): Grants – Pre-application deadlines June 20, August 28, 2018

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

• Bill & Melinda Gates Foundation, Grand Challenges, Ending the Pandemic Threat: Universal Influenza Vaccine Development Grand Challenge – Application deadline June 22, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Multiple Sclerosis Research Program (MSRP): Grants – Pre-application deadline June 26, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Lung Cancer Research Program (LCRP): Grants – Pre-application deadlines June 26, July 26, September 6, 2018

• Escher Fund for Autism: Grants – Expression of Interest deadline June 30, 2018

• 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

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP): Grants – Pre-application deadline July 13, 2018

• Canadian Blood Services: Blood Efficiency Accelerator Award Program – Application deadline July 15, 2018

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

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Bone Marrow Failure Research Program (BMFRP): Grant – Pre-application deadline July 16, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants – Pre-application deadline, July 25, 2018
- Harry Frank Guggenheim Foundation: Research Grants – Application deadline August 1, 2018
- John Templeton Foundation: Grants – Online Funding Inquiry deadline August 31, 2018
- Weston Brain Institute, Big Ideas: Canada – Letter of Intent accepted on a rolling basis
- 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, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.

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

The objective of the *Connection Grant* is to support *events* and *outreach activities* geared toward short-term, targeted knowledge mobilization initiatives. Events and outreach activities funded by this grant may often serve as a first step toward more comprehensive and longer-term projects, potentially eligible for funding through other SSHRC funding opportunities.

Connection Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding. ([review Subject Matter Eligibility](http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx)).

Connection Grants support workshops, colloquiums, conferences, forums, Summer institutes or other events or outreach activities that facilitate:

- a) disciplinary and/or interdisciplinary exchanges in the humanities and social sciences;
- b) scholarly exchanges between those working in the social sciences and humanities, and those working in other research fields;
- c) intersectoral exchanges between academic researchers in the humanities and social sciences, and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
- d) international research collaboration and scholarly exchanges between researchers, students and non-academic partners from other countries.

Particular importance will be placed on applications proposing open-access and open-source approaches to knowledge mobilization. Proposals must also include a plan for the maintenance, lifespan, dissemination and preservation of any resulting digital data.
Value:
*Event* funding: maximum $25,000 over 1 year (the minimum request required is $7,000)
*Outreach Activities* funding: maximum $50,000 over 1 year

SSHRC will not fund the full cost of any Connection event or outreach activity. Additional support in the form of cash and/or in kind contributions (excluding registration fees) equivalent to a minimum of 50% of the amount requested from SSHRC must come from sponsoring organizations. Applicants may draw on complementary funding from SSHRC research grants and/or other research funding agencies, however, must make clear in their budget proposal that there is no duplication of financial support for the same budget expenses. While SSHRC funds may be used in this complementary way, these funds cannot be counted towards the 50% requirement for matching funds.

Application process:
Notify ROADS of Intent to Apply by **June 13, 2018**. The initial draft of the application and letters of support are due to ROADS by **July 3, 2018**. The final draft, and a completed and signed Application Approval Form are due to ROADS by **July 24, 2018**. The SSHRC application deadline is **August 1, 2018**.

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

**Vasculitis Foundation: Research Program**

The objective of the *Research Program* is to provide seed grants to support pilot studies in researching:

- etiology/pathogenesis (may include a broad range of studies of immunity, inflammation, or vascular biology);
- epidemiology, including genetics;
- diagnosis including identification of disease subtypes;
- treatment/management including therapeutics to treat vasculitis or prevent complications, biomarkers and psychosocial outcomes.

Special request for proposals

The Vasculitis Foundation is partnering with the *Swiss Foundation for Research on Muscle Diseases* to fund research on Polymyalgia rheumatica. review [http://www.treat-nmd.eu/organisations/swiss.foundation.research.muscle.diseases/](http://www.treat-nmd.eu/organisations/swiss.foundation.research.muscle.diseases/)
Contact: Joyce Kullman, VF Executive Director at jakullman@vasculitisfoundation.org

[https://www.vasculitisfoundation.org/research/research-program/](https://www.vasculitisfoundation.org/research/research-program/)

Value:
maximum $50,000 for 12 months, or maximum $50,000 per year for 2 years

Application process:
The Vasculitis Foundation letter of intent deadline is **June 15, 2018**.

The objective of this funding opportunity is to 1) advance our understanding of the genetic basis of autism, and 2) analyze genomic data in innovative ways from thousands of SPARK families.


Value:
in the range of $100,000 (direct costs) for 18 months

Application process:
The SFARI notice of intent deadline is June 22, 2018. The application deadline is July 27, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tick-Borne Disease Research Program (TBDRP) - Grants

The DoD TBDRP has recently announced the following funding opportunities:

1) Career Development Award, the objective: 1) to support independent, early-career investigators (i.e., within 10 years of completion of his/her terminal degree at the time of application), and 2) to conduct impactful research, with an emphasis on discovery, with the mentorship of an experienced tick-borne diseases researcher. review Focus Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-TBDRP-CDA.pdf

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

Application process: The DoD letter of intent deadline is June 25, 2018. The application deadline is September 27, 2018.

2) Idea Award, the objective: 1) to support conceptually innovative, high-risk/potentially high-reward research in the early stages of development, that could lead to critical discoveries or major advancements, 2) accelerate progress in improving outcomes for individuals affected by Lyme disease and/or other tick-borne illnesses. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. review Focus Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IA.pdf

Value: maximum $250,000 over a maximum 2 years

Application process: The DoD pre-application deadline is June 25, 2018.
3) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact studies that have the potential to make important contributions to Lyme disease and other tick-borne diseases research, patient care and/or quality of life. The award promotes a wide range of research from 1) basic through translational, including preclinical studies in animal models or human subjects, 2) correlative studies, associated with an existing clinical trial, to establish proof-of-principle for further development in future studies. review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IIRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IIRA.pdf)

**Value**: maximum $650,000 over a maximum 3 years

**Application process**: The DoD pre-application deadline is **June 25, 2018**.

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

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

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**BrightFocus Foundation: Macular Degeneration Research Program**

The objective of the **Macular Degeneration Research Program** is to support 1) pioneering research leading to a greater understanding, prevention and treatment of age-related macular degeneration, 2) exciting pilot projects that have already generated some amount of preliminary data, however, would not at their present stage be competitive for large government or industry awards, and 3) interdisciplinary investigations that may apply to two or three of the BrightFocus disease interests (i.e., Alzheimer's disease, Glaucoma, Macular Degeneration).

[https://www.brightfocus.org/grants/types-grants](https://www.brightfocus.org/grants/types-grants)

**Value**: maximum $200,000 USD over 2 years

**Application process**: 
The BrightFocus Foundation letter of intent deadline is **June 26, 2018**.

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

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**Pay Equity Commission: 2018-2019 Gender Wage Gap Grant Program**

The objective of the **Gender Wage Gap Grant Program** is to 1) advance actions to promote equality between women and men that support efforts to close Ontario’s gender wage gap, 2) support the Government’s priority of economic growth (i.e., adding to our understanding of the gender wage gap and how the earning potential of Ontario’s working women can be maximized), and 3) benefit working families, the labour force in general, and overall economic productivity.

**Priority areas**:

a) **Actions/Research exploring gender wage gap and pay equity issues for members of racial and ethnic minorities, immigrants, and youth.**
sample of activities/research: comparative analysis of trends in addressing gender-based pay discrimination in identified groups

b) **Actions/Research exploring compensation issues and gender inequality in Ontario's emerging workplace conditions.**
sample of activities/research: intersectional factors; exploring comparative awards for executives, total compensation packages, and quantifying compensation practices (e.g., flex-time)

[http://www.payequity.gov.on.ca/en/GWG/Pages/grant_program.aspx](http://www.payequity.gov.on.ca/en/GWG/Pages/grant_program.aspx)

**Value:**
The total amount of funding for this grant program is $50,000.
Applicants submit a budget for a project duration of May 11, 2018 to March 27, 2019.

**Application process:**
The Pay Equity Commission application deadline is **June 28, 2018**.

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

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**Elton John Aids Foundation (EJAF): Open Call for Proposals**

The objective of the **Open Call for Proposals** is to support 1) any organization working to address HIV and AIDS, and 2) organizations working toward one or more of the following goals:

- **Wellness:** Improving the health of people living with HIV or at risk, or otherwise affected by HIV
- **Rights:** Upholding the rights of people living with and affected by HIV
- **Quality of Life:** addressing the social and economic needs of people living with and affected by HIV
- **Resilience:** strengthening the skills and strategies of organizations and activists addressing HIV

The EJAF values programs that:

a) are led by and based in the communities being served;
b) are advocating for improved government health policies and funding;
c) are piloting or scaling up innovative programs to promote health and rights;
d) can show a history of activism, creativity and urgency in working to address and curtail the HIV epidemic;
e) are grounded in evidence regarding where and among whom HIV infections are happening, and the best interventions to help people avoid infection or, if HIV-positive, to live healthy lives.

The EJAF will prioritize grants to organizations working with one or more key affected populations, listed at [http://newyork.ejaf.org/how-to-request-funding-4/](http://newyork.ejaf.org/how-to-request-funding-4/).

This year, the EJAF has released a special request for proposals for projects focused on addressing the **HIV-related needs of Transgender People and Black Gay, Bisexual, same gender loving Men.**

Only one application per organization will be accepted.
Value:
First-time applicants should apply for grants of between $20,000 and $100,000 for 1 year. The EJAF will consider requests up to $300,000 from organizations with a national focus or working in multiple countries, and have a proven ability to implement large-scale programs.

Application process:
The EJAF letter of inquiry deadline is June 30, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Autism Research Program (ARP) – Grants

The DoD ARP has recently announced the following funding opportunity:

**Idea Development Award**, the objective: 1) to support the development of innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements, 2) to support innovative ideas with the potential to yield impactful data and new avenues of investigation, and 3) to accelerate progress in improving outcomes for individuals with autism spectrum disorder (ASD).

The DoD seeks applications from all areas of basic and preclinical research, and strongly encourages applications that address the critical needs of the ASD community. review pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-ARP-IDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ARP-IDA.pdf).

value: maximum $500,000 over a maximum 3 years

Application process:
The DoD pre-application deadline is July 5, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants

The DoD PCRP has recently announced the following funding opportunities:


Investigators are strongly encouraged to incorporate the following components into their study design, where
appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments and epidemiological studies; incorporation of experiments to assess clinical relevance and translatability of findings; validation in patient cohorts.

**Value:** maximum $600,000 over a maximum 3 years

**Application process:** The DoD pre-application deadline is **July 6, 2018.**

2) **Impact Award,** the objective: 1) to support research projects that have the strong potential to make a major impact on scientific and clinical prostate cancer issues, 2) to produce major advances toward eliminating death from prostate cancer, 3) to enhance the well-being of Service members, Veterans, and all men experiencing the impact of the disease.


To maximize the potential for impact, investigators are strongly encouraged to incorporate the following components into their study design, where appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments and epidemiological studies; validation in patient cohorts.

**Value:** maximum $750,000 over a maximum 3 years

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

3) **Early Investigator Research Award,** the objective: to support prostate cancer-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors.


Investigators are strongly encouraged to incorporate the following components into their study design, where appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments; incorporation of experiments to assess clinical relevance; translatability of findings.

**Value:** maximum $200,000 over a maximum 2 years

**Application process:** The DoD pre-application deadline is **August 16, 2018.** The application deadline is **September 6, 2018.**

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

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

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**Tinker Foundation Inc. Institutional Grants**

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

Five program areas have been identified in which focused, expert research and innovation has the potential to make significant positive impact:

- Democratic Governance, [http://www.tinker.org/content/democratic-governance](http://www.tinker.org/content/democratic-governance)
- Education, [http://www.tinker.org/content/education](http://www.tinker.org/content/education)
- Sustainable Resource Management, [http://www.tinker.org/content/sustainable-resource-management](http://www.tinker.org/content/sustainable-resource-management)

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

The Foundation encourages collaboration among organizations in the United States and Latin America, and prefers to fund those institutions that are actively engaged with external stakeholders in addressing an issue of concern. Funding for general support may be considered on a limited basis.

https://www.tinker.org/content/institutional-grants

Value:
Applicants submit a budget and estimate the duration of their project.

Application process:
The Tinker Foundation letter of inquiry deadline is **July 9, 2018**. The application deadline is **September 15, 2018**.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants

The DoD TSCRP has recently announced the following funding opportunities:

1) **Exploration Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field. The studies are expected to generate preliminary data for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.


   Value: maximum $100,000 over a maximum 2 years

   Application process: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

2) **Idea Development Award**, the objective: to support 1) ideas that have the potential to yield high-impact findings and new avenues of investigation, 2) conceptually innovative research that could ultimately lead to critical discoveries in TSC and/or improvements in patient care. Research projects should include a well-formulated, testable hypothesis based on strong preliminary data and scientific rationale.


   Value: maximum $450,000 over a maximum 3 years

   Application process: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

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

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Understanding the Health Impact of Inactivity Funding Opportunity

The objective of this funding opportunity is to 1) support ambitious, innovative, multi-disciplinary, collaborative research projects to understand the health impacts of inactivity involving older adults, 2) develop solutions for improving the quality of life of older adults, and inform transitions in care, 3) mitigate health risks associated with life in space, and 5) include an exercise countermeasure intervention to mitigate the health impacts associated with inactivity and weightlessness.


A webinar was scheduled May 24, 2018. To receive the webinar slides and a questions and answers document, email support@cihr-irsc.gc.ca.

Value:
maximum $200,000 for a maximum 18 months
review Funds Available at https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10868&language=E&fodAgency=CIHR&view=browseArchive&browseArc=true&org=CIHR

Application process:
The registration deadline is July 24, 2018. The application deadline is August 21, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants

The DoD NFRP has recently announced the following funding opportunities:

1) Exploration-Hypothesis Development Award, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in NF research. Innovative research may introduce a novel paradigm, challenge existing paradigms, examine existing problems from novel perspectives, or exhibit other highly creative qualities. All studies are expected to lay the groundwork for future avenues of scientific investigation. The presentation of preliminary and/or published data is encouraged, but not required. review Areas of Emphasis, pages 3-4 at http://cdmrp.army.mil/funding/oa/FY18-NFRP-EHDA.pdf
Value: maximum $100,000 over a maximum 2 years
Application process: The DoD pre-application deadline is July 26, 2018. The application deadline is August 9, 2018.
2) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to NF research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data.


**Value**: Single Principal Investigator, maximum $525,000 over a maximum 3 years; **Optional Qualified Collaborator**, maximum $575,000

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

3) **New Investigator Award**, the objective: to support the continued development of promising independent investigators and/or the transition of established investigators, from other research fields, into a career in the field of NF research. Prior experience in NF research is not required, however, Principal Investigators with a limited background in NF research are strongly encouraged to have a collaborator who is experienced in the NF field.

Research projects may focus on any phase of research, excluding clinical trials. Applications must include preliminary and/or published data.


**Value**: maximum $450,000 over a maximum 3 years

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

4) **Early Investigator Research Award**, the objective: to support NF-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor(s).


**Value**: maximum $200,000 over a maximum 2 years

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

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

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscavr1@mcmaster.ca or extension 24519

**The Conserver Society of Hamilton and District Inc.: Ed Smee Fund**

The objective of the **Ed Smee Fund** is to support 1) environmental issues, 2) environmental projects, 3) applications from community groups for small projects focused on education, research, or advocacy aimed at protecting the natural environment in **Hamilton and Burlington**.

All initiatives must meet the following criteria:

. has a defined timeframe;
. has the potential to effect change;
. is innovative;
. is a concern of a definable community; and
. is receiving, or applying for, funding from other sources (if appropriate).

http://conserversociety.ca/funds/ed-smee-fund/

Value:
Requests of up to $4,500 will be considered for 2018.

Application process:
The Conserver Society of Hamilton and District Inc. notice of interest deadline is August 30, 2018.

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

Leukemia & Lymphoma Society: Specialized Centre of Research Program (SCOR)
The objective of the SCOR grant program is to enhance the development of innovative strategies for the treatment, diagnosis, or prevention of hematological malignancies.

http://www.lls.org/research/specialized-center-of-research-program

Value:
maximum $1,000,000 per year for 5 years

Application process:
The Leukemia & Lymphoma Society letter of intent deadline is August 31, 2018.

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

Louisville Institute – Grants
The Louisville Institute has recently announced the following funding opportunities:

1) Pastoral Study Project, the objective: to allow pastoral leaders time and resources to investigate issues related to Christian ministry and leadership, North American religious practices and institutions, or major challenges facing wider, contemporary society.
https://louisville-institute.org/programs-grants-and-fellowships/grants/pastoral-study-project/
Value: maximum $15,000 for a maximum of 18 months
Application process: The Louisville Institute application deadline is September 1, 2018.

2) Project Grant for Researchers, the objective: to support research, reflection, and writing by academics and pastors concerning Christian faith and life, the practice of ministry, and/or religious institutions.
Acceptable projects include those that may involve independent study, consultations, or collaborative projects involving pastors and academics. 

https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/

**Value:** maximum of $30,000 for a maximum of one year.

**Application process:** The Louisville Institute application deadline is **October 1, 2018.**

3) **Sabbatical Grant for Researchers,** the objective: to enable academics and religious leaders the ability to conduct a major study that can contribute to the validity of Christianity in North America, that 1) addresses Christian faith and life, 2) the practice of ministry, and/or 3) adaptive challenges confronting religious institutions. 

https://louisville-institute.org/programs-grants-and-fellowships/grants/sabbatical-grant-for-researchers/

**Value:** maximum $40,000 for a maximum of one year.

**Application process:** The Louisville Institute application deadline is **November 1, 2018.**

4) **First Book Grant for Minority Scholars,** the objective: to assist junior, non-tenured, religion scholars of colour to complete a major research project on an issue in North American Christianity, related to the priorities of the Louisville Institute (i.e., *to enrich the religious lives of Americans*). 


**Value:** maximum of $40,000 for a maximum of one year.

**Application process:** The Louisville Institute application deadline is **January 15, 2019.**

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

**Government of Canada, Innovation, Science and Economic Development Canada:**

**Accessible Technology Program**

The objective of the *Accessible Technology Program* is to address the need for more assertive technologies for persons with disabilities.


**Value:** maximum $22.3 million for a maximum of 5 years

**Application process:**
The Government of Canada application deadlines are:

- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22

**Contact:**
Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at vuyitun@mcmaster.ca or extension 23164
Previously announced:

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


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


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

CANARIE: Call for Research Data Management Software

CANARIE funds and promotes reusable research software tools and national research data management initiatives to:

• accelerate discovery;
• provide identity management services to the academic community;
• offer advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

The objective of the Call is to support 1) the development of research data management (RDM) software tools
that encourages the adoption of RDM best practices, specifically, the **FAIR Principles** which state that research data should be *Findable, Accessible, Interoperable and Reusable*, and 2) a strong RDM ecosystem in Canada.

Eight themes were identified as priority areas:

- Enriching (Meta)Data and Discovery
- Federated Repositories/Interoperability
- Domain-specific Repositories
- Data Deposit and Curation
- Preservation
- Persistent IDs/Citability
- Data Access and Analytics
- Data Privacy and Security

The tools developed through this Call are intended to enable compliance with evolving policy guidelines and international data management standards.

[https://www.canarie.ca/rdm/funding-information-rdm-call-1/](https://www.canarie.ca/rdm/funding-information-rdm-call-1/)

**Value:**
maximum $2.7 million over 18 months
There is no limit on individual funding requests. Funding will cover only labour costs for software development and related activities.

**Application process:**
The CANARIE application deadline is **June 20, 2018**.

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

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

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.
[https://www.canarie.ca/software/canadian-research-software-conference/](https://www.canarie.ca/software/canadian-research-software-conference/) and [https://www.canarie.ca/about-us/](https://www.canarie.ca/about-us/)

**cost to attend:** $150.
The LCMA has recently announced the following funding opportunities:

1) *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](https://www.clsa-elcv.ca/data-access/data-access-application-process) and [http://mira.mcmaster.ca/research/funding-opportunities](http://mira.mcmaster.ca/research/funding-opportunities)

2) *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
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

2) **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

**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

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**Alex’s Lemonade Stand Foundation for Childhood Cancer: Grants**

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

1) **2018 Psychosocial Launch Grant**, the objective: to support early career researchers within 7 years of receiving their terminal degree/completing formal training. The funding will support studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. Demonstration of outstanding mentorship and a career plan that shows commitment to pediatric cancer investigation are important components of a successful application.

**Value**: maximum $50,000 per year for 2 years;


2) **2018 Psychosocial Family Impact Grant**, the objective: to support established investigators. This grant is designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer, and whose proposals will have clinically significant impact.

**Value**: maximum $100,000 per year for 3 years;


announcement website, https://www.alexslemonade.org/grants/guidelines

**Application process**: The Alex’s Lemonade Stand Foundation letter of intent deadline is **June 11, 2018**.
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-IIRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRMRP-IIRA.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](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](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. **Topic Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRMRP-FPA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRMRP-FPA.pdf)
   **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](http://cdmrp.army.mil/funding/prmrp)
**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](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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**Mitacs: Globalink Research Internship**

The objective of the *Globalink Research Internship* is to invite international undergraduates from Australia, Brazil, China, France, India, Germany, Mexico, Saudi Arabia, Tunisia, and Ukraine to participate in research projects under the supervision of Canadian university faculty members, in all academic disciplines (i.e., science, engineering and mathematics, humanities and social sciences).


**Value:**
There is no financial commitment required from the supervising professors. Globalink Research Interns receive, free of charge:

- a matched project with a Canadian professor and university based on their research interests, skills, and expertise;
- flight to Canada;
- transportation from the airport in Canada to accommodations;
- stipend for housing;
- health insurance;
- stipend towards student enrollment fees;
- stipend for food and incidentals;
- support from student mentors on campus;
- registration for industry events and professional development workshops;
- Globalink Research Internship certificate of completion.
The interns are required to work 40 hours a week, five days a week, for 12 consecutive weeks from May to September, 2019.

**Application process:**
The Mitacs deadline for professors to submit research projects is **June 13, 2018.**

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**Weston Brain Institute: Grants**

The Weston Brain Institute has recently announced the following funding opportunities:

1) **Rapid Response: Canada 2019**, the objective: to provide seed funding to support novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging.

Focus, **Parkinson’s and Related Diseases**: Parkinson’s disease; Progressive supranuclear palsy; Dementia with lewy bodies; Multiple system atrophy; prodromes; Vascular contributions.

All projects must involve the development of a therapeutic, and/or tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging. Preliminary data is not required.

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

The Rapid Response program will have multiple calls per year, alternating between two different disease groups: PD-related diseases; Alzheimer disease (AD) -related diseases (to launch **September 14, 2018**).

2) **Transformational Research: Canada 2019**, the objective: to fund transformative, novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging, with excellent preliminary data.

Focus, **Parkinson’s and Related Diseases**: Parkinson’s disease; Progressive supranuclear palsy; Dementia with lewy bodies; Multiple system atrophy; prodromes; Vascular contributions.

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

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

The Transformational Research program will have multiple calls per year, alternating between two different disease groups: PD-related diseases; Alzheimer disease (AD) -related diseases (to launch **September 14, 2018**).

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**Information Webinar**  
**June 14, 2018**, 1:00-2:00pm EDT  
Application process:
The Weston Brain Institute letter of intent deadline is August 1, 2018.

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.

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

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**Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): Explorer Awards**

The objective of the *SFARI Explorer Award* is to:

- support innovative, bold, rigorous autism research;  
- support exploratory experiments;  
- deepen our understanding of the mechanisms underlying autism spectrum disorders, or potential therapeutic approaches;  
- support studies focused on gene discovery, molecular mechanisms, circuits, anatomy, cognition and behavior;  
- strengthen hypotheses;  
- apply to competitive applications for subsequent larger-scale funding by SFARI, or other organizations.

Applications from investigators who are new to the field of autism, but who have expertise that could be brought to bear on this complex disorder, are encouraged.

https://www.sfari.org/grant/explorer-awards-rfa/

**Value:**

maximum $80,000 including indirect costs for 1 year

**Application process:**
The SFARI application deadline is **June 15, 2018**. *This is the final call for applications for this award.*

**ROADS contact:**  
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants

1) The objective of the *Discovery Grant* is to:

- support creative, innovative, ongoing programs of research with long-term goals;
- promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- foster research excellence; and
- provide a stimulating environment for research training.

Applicants to the Discovery Grants Program must apply with a program of research that is eligible under NSERC’s mandate (i.e., to promote and assist research in the natural sciences and engineering, other than health).

[http://nserc.ca/Professors-Professeurs/Grants-Subs/DGiP-PSiGP_eng.asp](http://nserc.ca/Professors-Professeurs/Grants-Subs/DGiP-PSiGP_eng.asp)

**Webinars and Information Session**

NSERC will host Discovery Grants webinars on the following dates:
Dates, time, link: *June 19 and July 12, 2018*, 1:00-3:00pm, [https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/](https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/)

ROADS will host an interactive information session featuring Michelle Payne, Program Officer for the Discovery Grant Program for Mathematics and Statistics. Discovery Grant Evaluation Group members from McMaster will share their experiences with the grant review process, and offer guidance to potential applicants.
Date, time, location: *June 5, 2018*, 2:00-4:00pm, MDCL 3020
Register: [https://www.eventbrite.ca/e/nserc-discovery-grants-information-session-registration-45914526585](https://www.eventbrite.ca/e/nserc-discovery-grants-information-session-registration-45914526585)

**Value:**
Applicants submit a budget. Discovery Grants are normally awarded for 5 years.

**Application process:**
Applicants must submit a draft of the Notification of Intent to Apply to ROADS by *July 18, 2018*. The NSERC notification of intent deadline is *August 1, 2018*.

2) NSERC Subatomic Physics Discovery Grant (SAP-DG) – 2019 Competition

The objective of the *SAP-DG* Program is to assist in:

- promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- fostering research excellence; and
- providing a stimulating environment for research training.

There are two types of SAP-DG: *Individual* and *Project*
Literature specific to all Subatomic Physics Programs (Discovery, Major Resources Support (SAP-MRS), and Category 2 or 3 Research Tools and Instruments (SAP-RTI) is available on the NSERC website. Program descriptions are available in the Grants Programs Overview section of NSERC’s Program Guide for Professors. Instructions regarding application procedures are available in the Instructions section of the Research Portal.

Value:
Applicants submit a budget.
Individual: maximum 5 years
Project: maximum 3 years

Application process:
The NSERC SAP notification of intent (NOI) deadline is **August 1, 2018** for SAP-DG, SAP-MRS, and Category 2 or 3 SAP-RTI grant applications.

The SAP NOI is mandatory. Researchers who do not submit a SAP NOI cannot submit a full application in the Fall.

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

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

The DoD has recently announced the following PRCRP funding opportunities:

1) **Impact Award**, the objective: to support hypothesis-driven, high-impact research. The PRCRP seeks to build foundations for finding cures in under-funded, under-studied, and/or lethal militarily relevant cancer areas. Important factors under consideration will be continuity of research, clinical applicability, leveraging of clinical samples and trials.


Value: maximum $1,000,000 over 3 years
Application process: The DoD pre-application deadline is **June 20, 2018**.

2) **Idea Award with Special Focus**, the objective: to support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms, and/or methods in cancer research that are relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.


Value: maximum $400,000 over 2 years
Application process: The DoD pre-application deadline is **June 20, 2018**.
3) **Translational Team Science Award**, the objective: to support hypothesis-driven translational studies. The studies should be associated with a clinical trial and/or existing annotated biorepositories. The proposed project should focus on research for the next-phase clinical trial, or future clinical application. Review **Topic and Military Relevance Focus Areas** pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-TTSA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRCRP-TTSA.pdf)

**Value**: maximum $1,000,000 over 4 years  
**Application process**: The DoD pre-application deadline is **June 20, 2018**.

4) **Career Development Award**, the objective: to support independent, early-career investigators to conduct impactful research with 1) the guidance of an experienced cancer researcher, 2) an emphasis on discovery. Review **Eligibility**, page 8, at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRCRP-CDA.pdf)  

**Value**: maximum $360,000 over 3 years  
**Application process**: The DoD pre-application deadline is **August 28, 2018**. The application deadline is **September 26, 2018**.


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

**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. review *Therapeutically Relevant Marker Option*, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf)

**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

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**Bill & Melinda Gates Foundation, Grand Challenges, Ending the Pandemic Threat: Universal Influenza Vaccine Development Grand Challenge**

The objective of this *Grand Challenge* is to identify novel, transformative concepts that will lead to development of universal influenza vaccines that 1) offer protection from morbidity and mortality caused by all subtypes of circulating and emerging (drifted and shifted) Influenza A subtype viruses, and Influenza B lineage viruses, for at least three to five years, and 2) address the threat from both seasonal and pandemic influenza.

The Foundation seeks to fund

- ideas that are bold and innovative that bring novel approaches into products ready for human clinical trials;
- interdisciplinary collaboration and cross-fertilization of ideas from outside the traditional influenza research community.


**Value:**
*Pilot Awards*, $250,000 up to $2 million USD over 2 years
Application process:
The Bill & Melinda Gates Foundation application deadline is June 22, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs:
FY18 Multiple Sclerosis Research Program (MSRP): Grants

The DoD has recently announced the following MSRP funding opportunities:

1) **Investigator Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to MS research and/or patient care. The rationale for a research idea may be derived from laboratory discovery, clinical trial results, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data. Research projects may focus on any phase of research, excluding clinical trials.

   - Value: maximum $600,000 over 3 years

2) **Exploration-Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the MS research field. The proposed project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.

   - Value: maximum $150,000 over 2 years


Application process:
The DoD pre-application deadline is June 26, 2018.

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

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

The DoD has recently announced the following LCRP funding opportunities:

1) **Idea Development Award**, the objective: to promote new ideas that are still in the early stages of development and have the potential to yield impactful data, and new avenues of investigation. The award supports conceptually innovative, high-risk/high-reward research that could lead to critical discoveries, or major advancements, that will accelerate progress toward eradicating deaths and suffering from lung cancer.

   - The award encourages applications from independent investigators in the early stages of their careers (i.e., within 10 years of their first faculty appointment, or equivalent). Submissions from and partnerships with investigators at DoD military treatment facilities and laboratories, and Department of Veterans Affairs medical

**Value:** maximum $350,000 over 2 years  
**Application process:** The DoD pre-application deadline is **June 26, 2018**.

2) **Investigator Initiated Translational Research Award**, the objective: to support translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care. review *Areas of Emphasis*, pages 3-4 and review a *broad range of translational studies* page 4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-IITRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-IITRA.pdf)

**Value:** maximum $400,000 over 2 years  
**Application process:** The DoD pre-application deadline is **June 26, 2018**.

3) **Translational Research Partnership Award**, the objective: to support partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in lung cancer into clinical applications. In addition, one partner in the collaboration is **strongly encouraged** to be an active duty Service member or Federal employee from a DoD military treatment facility or laboratory, or a Department of Veterans Affairs medical center or research laboratory. review *Areas of Emphasis*, pages 3-4 and review a *broad range of translational studies* page 4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-TRPA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-TRPA.pdf)

**Value:** maximum $900,000 over 3 years  
**Application process:** The DoD pre-application deadline is **June 26, 2018**.

4) **Concept Award**, the objective: to support the exploration of a highly innovative, new concept, or untested theory that addresses an important problem relevant to lung cancer. review *Areas of Emphasis*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf)  
Investigators are **strongly encouraged** to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf)

**Value:** maximum $100,000 over 1 year  
**Application process:** The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

5) **Career Development Award**, the objective: to support early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher. review *Eligibility*, page 8 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf)  
Investigators are **strongly encouraged** to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 5 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf)  
This award is intended to support impactful research projects with an emphasis on discovery.

**Value:** maximum $250,000 over 2 years  
**Application process:** The DoD pre-application deadline is **September 6, 2018**. The application deadline is **September 26, 2018**.
announcement website:  http://cdmrp.army.mil/funding/lcrp

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

Escher Fund for Autism: Grants

The Escher Fund for Autism promotes science education and research projects in non-genetic inheritance to examine how toxicants such as drug, smoking, and chemical exposures can disrupt germline on a molecular level, and increase risk for neurodevelopmental disorders in offspring.

The Escher Fund for Autism has recently announced two Requests for Proposals (RFP):

1) *Examining molecular impacts of drug exposures on developing germline, and implications for nongenetic inheritance*, the objective: to support projects that directly focus on early (primordial germ cell in embryo through neonatal period) germline molecular impacts of high and sustained dose pregnancy drugs.

2) *Intensive investigation of multi-hit families affected by autism and related neurodevelopmental disorders*, the objective: to support intensive investigation into exposure histories and characteristics of “multi-hit families” with three or more children (including half-siblings) affected by autism and related disorders.

The related disorders include but are not limited to attention deficit hyperactivity disorder, Aspergers, learning disabilities and intellectual disability, social-communication impairments, speech and language impairments, oppositional defiant disorder, intermittent explosive disorder, mood disorders, anxiety, depression, schizophrenia spectrum and psychotic disorders.

http://www.germlineexposures.org/grants.html

Value:
maximum 25,000

Application process:
The Escher Fund for Autism expression of interest deadline is **June 30, 2018**.

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

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)
https://www.nationalgeographic.org/grants/grant-opportunities/documenting-human-migrations/

announcement website: 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

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/

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP): Grants

The DoD has recently announced the following GWIRP funding opportunities:

1) **Investigator Initiated Focused Research Award (IIFRA)**, the objective: to promote new ideas, support research, or continued development of applied research in GWI that is aimed at diagnosis, or therapeutic advancement. Applications must articulate the pathway to making a clinical impact for Veterans with GWI, even if a clinical impact is not an immediate outcome. All applications must focus on Veterans of the 1990-1991 Gulf War affected by GWI.


In FY2017, the GWIRP awarded infrastructure support for a GWI Biorepository. The *Boston Biorepository, Recruitment, and Integrative Network for GWI* has now been established for the retention and distribution of biospecimens and/or data related to GWI research. Applicants to the FY18 GWIRP are encouraged to contribute biospecimens and data to this repository network.
The GWIRP, IIFRA offers a nested **Biorepository Contribution Option** with higher levels of funding for qualified applications.

**Value:**  
*Tier 1 – Discovery*, maximum $250,000 over 2 years; **Discovery with Biorepository Contribution Option**: $266,000

*Tier 2 – Applied Research*, maximum $700,000 over 3 years; **Applied Research with Biorepository Contribution Option**: $716,000

2) **Qualitative Research Award**, the objective: to support qualitative research studies that seek to understand the experiences, perceptions, barriers, and beliefs of Veterans suffering from GWI and those responsible for their care. All applications must focus on Veterans of the 1990-1991 Gulf War affected by GWI.

Observations that drive a research idea may be derived from basic discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data. review qualitative research topics and outcomes/educational materials, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-GWIRP-QRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-GWIRP-QRA.pdf)

**Value:** maximum $450,000 over 3 years

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

**Application process:**  
The DoD pre-application deadline is **July 13, 2018**.

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

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**Canadian Blood Services: Blood Efficiency Accelerator Award Program**

The objective of the **Blood Efficiency Accelerator Award Program** is to 1) improve the efficient and appropriate utilization of **blood products** while maintaining the safety of the blood system, 2) support innovative research projects that seek new knowledge, or accelerate the application of existing knowledge.

A **blood product** is defined as a therapeutic product derived from the donation of blood or blood components and includes red blood cell and platelet concentrates, plasma and plasma derivatives (including plasma protein products), and hematopoietic stem cells (including those derived from cord blood).

Team composition: All project teams require at least one Canadian Blood Services employee. Applicants are encouraged to contact centrofornovation@blood.ca if help is needed to identify a Canadian Blood Services project team member.


announcement website: [https://blood.ca/en/research/funding-programs](https://blood.ca/en/research/funding-programs)
Value:
maximum $30,000 for 1 year

The funds may be used for trainee stipends, research staff salaries (e.g., research assistants, technicians, etc.), consultant and services fees, expendable materials and supplies, the purchase and maintenance of experimental animals, project team collaborative and networking activities (e.g., team meetings, conference calls, travel), and knowledge dissemination activities (e.g., publication costs). The purchase of small items of equipment is permissible, however, the maximum that can be spent on equipment is $8,500 (exclusive of applicable taxes).

Application process:
The Canadian Blood Services application deadline is July 15, 2018.

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

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.

https://www.wada-ama.org/en/social-science-research and

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

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Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Bone Marrow Failure Research Program (BMFRP): Grant

The DoD has recently announced the following BMFRP funding opportunity:

**Idea Development Award**, the objective: to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF.

Studies focused on BMF diseases and their progressions to other malignancies such as leukemia, are acceptable. Research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

The award is designed to support new ideas. Proposed research studies should have a high probability of revealing new avenues of investigation.


**Value**: maximum $325,000 over 2 years

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

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

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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) **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**.

2) **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**.

3) **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.


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](http://cdmrp.army.mil/funding/ocrp)

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto: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/rp/youth.htm)

[http://hfg.org/](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

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### 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](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](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

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### Weston Brain Institute, Big Ideas: Canada

The objective of the **Big Ideas: Canada** is to support a large-scale, pivotal project, that will have a significant and sustained impact on accelerating translational research on the development of therapeutics for neurodegenerative diseases of aging.

The Institute defines neurodegenerative diseases of aging to include:
Alzheimer’s disease
Dementia with lewy bodies
Frontotemporal dementia
Multiple system atrophy
Parkinson’s disease
Progressive supranuclear palsy
Vascular contributions to the above diseases (not stroke-mediated vascular disease)
Prodromes to the above diseases, including: a) mild cognitive impairment as prodromal to Alzheimer’s disease, b) REM sleep behaviour disorder as prodromal to Parkinson’s disease.

http://westonbraininstitute.ca/funding-opportunities/big-ideas-canada/

Value:
$5,000,000 to $20,000,000 over 5 years
Applicants must identify the total cost of the project, split by year, and major category of expense.

Application process:
The Weston Brain Institute Letter of Intent is due now. The Letter of Intent is accepted on a rolling basis.

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

Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data.

The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

Although all proposals will be considered, the ICLR has identified areas where it would like to see the literature developed. This list may be updated from time to time. Proposals that engage one or more of the following topics, or classes of disasters will be given extra weight:

1) Adaptation/Mitigation behaviours;
2) Hazard risk communication - pre/post disaster;
3) Community recovery/household recovery capacity;
4) Resilience indicators;
5) Damage assessments (social/environmental/economic);
6) Interagency and intergovernmental coordination;
7) Perceptions of natural hazards;
8) Post disaster mitigation – build back better.

In addition to expanding academic knowledge, funded researchers submit brief reports that make preliminary analyses of recent events available to ICLR’s multidisciplinary network of researchers, practitioners and educators, as well as other interested parties.

https://www.iclr.org/quickresponse.html
Value:
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc.

A maximum $5,000 is available for an exceptional proposal.

Application process:
The ICLR will accept applications at all times.

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

Shastri Indo-Canadian Institute (SICI): Grants

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

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

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

Application Process:
Applications can be submitted throughout the year.

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

Value:
$8,000 – $12,000 USD for 1 or 2 weeks
Application Process:
Applications can be submitted *throughout the year*.

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


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

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

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

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

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

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


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

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

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

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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*.

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

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

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

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

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

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

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