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

June 22, 2018

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- **Canada Council for the Arts: Explore and Create** – Application deadlines September 12 and October 10, 2018

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

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

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Alzheimer’s Research Program (PRARP) – LOI deadlines September 20, 2018**

• **Mind and Life Institute: Francisco J. Varela Research Grants – Application deadline September 28, 2018**

• **Mitacs – Career Connect: Internships – Application deadline October 1, 2018**

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Lupus Research Program (LRP) – Grants – LOI deadlines October 10, 2018**

• **Fulbright Canada: Awards for Canadian Scholars – Application deadlines November 15, 2018**

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**Previously announced:**

• **Canadian Glycomics Network (GlycoNet): GlycoNet Request for Proposals – Cycle II – Registration deadline July 3, 2018; LOI deadline August 8, 2018**

• **Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Notify ROADS of Intent to Apply by July 3, 2018; SSHRC Application deadline August 1, 2018**

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Spinal Cord Injury Research Program (SCIRP) – Grants – Pre-application deadlines July 9, 2018**

• **Tinker Foundation Inc.: Institutional Grants - Letter of Inquiry deadline July 9, 2018; Application deadline September 15, 2018**

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

• **Leukemia & Lymphoma Society of Canada: Webcast – July 10, 2018**

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

• **Investigating in the Pathogenesis of Infectious Disease (PATH) Award – Pre-proposal deadline July 16, 2018; Conference Calls – June 26, 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 (DoD), Congressionally Directed Medical Research Programs: FY18 Hearing Restoration Research Program – Grants – Pre-proposal deadlines July 17, 2018

• Autism Speaks: 2018 Treatment Research Grants – deadline July 18, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants – Pre-application deadlines July 19, August 16, September 6, 2018

• 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

• National Multiple Sclerosis Society: Grants, Pilot and Center Awards – Pre-application deadlines July 25, 2018, August 30, 2018, September 10, 2018, August 8, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants – Pre-application deadline, July 25, 2018

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

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

• Weston Brain Institute: Grants – Webinar June 14, 2018; Letter of Intent deadline August 1, 2018

• CMHC: National Housing Conference – Call for Papers – deadline August 1, 2018

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

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

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

• John Templeton Foundation: Grants – Online Funding Inquiry deadline August 31, 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

- **Lyle Spencer Research Awards** – Webinar date September 5, 2018; LOI deadline October 2, 2018

- **Partnership For Clean Competition: Research Grants, Pre-Application deadline November 1, 2018; Micro-Grants – no application deadline**


- **ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding** – Notify ROADS of Intent to Apply ASAP

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Psychological Health/Traumatic Brain Injury Research Program** (Pre-Announcement) – Anticipated to be posted in June 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18/19 Psychological Health/Traumatic Brain Injury Research Program** (Pre-Announcement) – Anticipated to be posted in June 2018 – Anticipated to be posted in June 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program** (Pre-Announcement) - Anticipated to be posted in June 2018

- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program** (Pre-Announcement) - Anticipated to be posted in June 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.
Rapid Research Fund for Ebola Virus Disease Outbreaks – Call for Research Proposals

The International Development Research Centre (IDRC), Canadian Institutes of Health Research (CIHR), and Social Sciences and Humanities Research Council of Canada (SSHRC) are pleased to announce the Rapid Research Fund for Ebola competitive Call.

The Rapid Research Fund (RRF) for Ebola Virus Disease Outbreaks is intended to support social sciences, humanities, public health and/or health systems research aimed at more effectively containing the current Ebola outbreak in the Democratic Republic of Congo (DRC), as well as potential future outbreaks, more readily. The focus of the supported research will be to inform the response to the current Ebola outbreak in DRC, with the aim of improving prevention and preparedness efforts to future Ebola or similarly significant infectious disease outbreak threats in the region.

https://m3.fluidreview.com/media/asset/assets2/reviewroom/3071/resources/17228/Ebola_Call_document_FINAL_EN_XqxfAAA.pdf

Value: ($1.5 million) up to $360,000 per project for up to 2 years

Application Process: The initial draft of the application is due to ROADS ASAP. The final drafts, and a completed and signed Application Approval Form, are due to ROADS by July 9, 2018. Please note, applications received after this date may not receive full review. All applications must be submitted through the online application system by 12:00 p.m. EST on July 13, 2018.

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519, if you intend to apply.

Social Sciences and Humanities Research Council (SSHRC) Special Call: Indigenous Research Capacity and Reconciliation—Connection Grants

Indigenous Research Capacity and Reconciliation—Connection Grants support interdisciplinary events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives to contribute to the Canada Research Coordinating Committee (CRCC)-prioritized national dialogue. These events and activities represent opportunities to engage and exchange knowledge on successful ways of conducting Indigenous research that are transformative and contribute to reconciliation, including holistic, interdisciplinary and distinctions-based approaches.

Note: The leadership and governance of proposed projects must involve the participation of First Nations, Métis or Inuit communities.

This call for proposals affirms the important, holistic and interdisciplinary contributions to human knowledge that Indigenous knowledge systems make. Furthermore, the call respects Indigenous knowledge systems, including ontologies, epistemologies and methodologies, as important avenues for exploring the contours of
Indigenous knowledge, supporting Indigenous research paradigms, contributing to interdisciplinary collaboration and extending the boundaries of knowledge in western research paradigms. As such, applicants are encouraged to submit projects that are holistic and interdisciplinary, and that reflect the full range of collaboration across disciplines and subject areas pertaining to the social sciences and humanities; natural sciences and engineering; and health and wellness.


**Value:** up to $50,000 for up to 6 months

**Application Process:** Notify ROADS of intent to apply by **July 3, 2018.**
The initial draft of the application and letters of support are due to ROADS by **August 16, 2018.**
The final drafts, and a completed and signed Application Approval Form, are due to ROADS by **August 30, 2018.** Please note, applications received after this date may not receive a full review.
ROADS will submit the application to SSHRC via email by **5:00 p.m. September 6, 2018.**

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

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**Department of Defense (DoD) Congressionally Directed Medical Research Programs:**
**FY18 FY 18 Kidney Cancer Research Program (KCRP) – Grants**
The Department of Defence has recently announced the following funding opportunities:

1) **Concept Award,** the objective: to support highly innovative, untested, potentially ground breaking novel concepts in kidney cancer. This award mechanism supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of kidney cancer or develop an innovative and novel course of investigation.


**Value:** up to $75,000 for up to 1 year

**Application Process:** The LOI deadline for the Concept Award is **July 11, 2018.** The application deadline is **August 8, 2018.**

2) **Idea Development Award,** the objective: to support innovative ideas and high impact approaches based on scientifically sound evidence to move toward the KCRP vision of eliminating kidney cancer. The research project should include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach relevant to active duty Service members, Veterans, other military beneficiaries, and the American public. Personnel on the proposed team should have a strong background in kidney cancer research.
Value: up to $400,000 for up to 2 years.


3) Technology Development Award, is a product-driven award mechanism intended to advance the development of technologies to aid kidney cancer clinical and patient outcomes, including prevention, detection, diagnosis, treatment, or quality of life.

Value: up to $300,000 for up to 3 years.

Application Process: The LOI deadline for the Technology Development Award is September 5, 2018. The application deadline is September 26, 2018.

4) Transitional Research Partnership Award supports partnerships between clinicians and research scientists that will accelerate the movement of promising ideas in kidney cancer toward clinical applications. This award supports the development of translational research collaborations between two independent, faculty-level (or equivalent) investigators to address a central problem or question in kidney cancer in a manner that would be less readily achievable through separate efforts

Value: up to $600,000 for up to 3 years.


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

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

The Leakey Foundation Research Grants

The Leakey Foundation Research Grants exclusively funds research related specifically to human origins. Priority of funding is commonly given to exploratory phases of promising new research projects that meet the stated purpose of the Foundation.

https://leakeyfoundation.org/grants/research-grants/

Value: For Doctoral Students: between $3,000 - $15,000. For Senior Scientists: up to $25,000.
Application Process: the application deadline for the Leakey Foundation Research Grants is **July 15, 2018**.

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

**Patient-Centered Outcomes Research Institute (PCORI): Implementation of Effective Shared Decision Making Approaches in Practice Settings – Cycle 2 2018**

This initiative will support projects that propose active, multi-component approaches to implementing effective shared decision-making strategies that address existing barriers and obstacles to uptake and maintenance of shared decision-making. The SDM strategy must have demonstrated effectiveness on patient, caregiver, or healthcare provider decision making using widely accepted metrics; the corresponding implementation approach must have potential for use and scalability beyond the targeted implementation setting.


**Value:** Total Direct or $1.5 million up to $6.5 million for up to 3 years

**Application Process:** The LOI for the PCORI opportunity is **July 24, 2018 by 5 pm**. The Application deadline is **October 10, 2018 by 5 pm**.

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Epilepsy Research Program (ERP) - Grants**

The Department of Defence has recently announced the following funding opportunities:

1) **Longitudinal Risk Factors Award**, the objective: to support a large-scale, prospective, longitudinal epidemiological research study that is relevant to the characterization of PTE. Applications must address the following FY18 ERP LRFA Longitudinal Studies Focus Area.

   - Longitudinal Studies: Studies of the natural evolution of post-traumatic epileptogenesis, which may include:
     - Seizure frequency and severity; Comorbidities (e.g., depression, functional deficits, sleep disorders, major illness); Latency between injury and PTE; Mortality; Treatment; Quality of life of individuals with PTE


**Value:** up to $2.5 million for up to 4 years.

**Application Process:** The Pre-application deadline for the longitudinal risk Factors Award is **July 26, 2018**. The application deadline is **October 4, 2018**.
2) Idea Development Award, the objective: to solicit research to understand the magnitude and underlying mechanisms of PTE related to the ERP’s mission. The focus areas of the ward are Epidemiology, Makers and mechanisms, and Longitudinal Studies. This award offers two levels of funding: Level 1 – is intended to support high-risk or high-gain applications with Principal Investigators (PIs) at or above the level of a postdoctoral fellow (or equivalent), but below the level of Assistant Professor (or equivalent). Level 2 - is intended to support a more mature, hypothesis-driven research project.


Value: Level 1: up to $300,000 for up to 2 years. Level 2: up to $500,000 for up to 3 years.


Announcement Website: http://cdmrp.army.mil/funding/erp

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

The Department of Defense has recently announced the following funding opportunities:

1) Applied Research Award, the objective: to seek applied research applications focused on advancing optimal treatment and restoration of function for individuals with musculoskeletal injuries sustained during combat or combat-related activities. Applicants are encouraged to address how the proposed research will support patient care closer to the point of injury and/or allow patients to more quickly return to duty/work. It is expected that any research findings would also provide benefit to the general population.


Value: up to $750,000 for up to 3 years

Application deadline: The Pre-application deadline is July 30, 2018. The Application deadline is October 24, 2018.

Announcement website: http://cdmrp.army.mil/funding/prorp
ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

William T. Grant Foundation – Research Grants

The objective: to fund research that increases understanding in one of our two focus areas:

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.
The Foundation seeks research that builds stronger theory and empirical evidence in these two areas. They intend for the research that they support to inform change. While the Foundation does not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

The Foundation also strives to support a diverse group of researchers in terms of race, ethnicity, gender, and seniority. They especially encourage high-quality research projects led by African American, Latino, Native American, and Asian American researchers.

http://wtgrantfoundation.org/grants/research-grants

**Value:** Reducing Inequality Grants – between $100,000 - $600,000 for 2 – 3 years. Improving the use of Research Initiative – between $100,000 - $1,000,000 for 2 – 4 years.

**Application Process:** The LOI deadline for the Research Grants is **August 1, 2018 at 3:00PM**

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

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**2018 Large Scale Applied Research Project Competition “Genomics Solutions for Agriculture, Agri-food, Fishers and Aquaculture” – Request for Applications (RFA)**

Genome Canada, together with Agriculture and Agri-food Canada (AAFC), has announced a Request for Applications (RFA) for the 2018 Large Scale Applied Research Project Competition “Genomics Solutions for Agriculture, Agri-Food, Fisheries and Aquaculture”. The Competition aims to support projects that have the potential to provide new approaches that can improve disease and pest resistance in our crops, livestock and fish, increase our understanding of soil and aquatic microbiomes, and improve our ability to monitor and assess wild fish populations.

http://www.ontariogenomics.ca/funding-opportunities/open-competitions/2018-lsarp/

**Value:** approximately $30 million available for this competition through Genome Canada and up to $16 million from AAFC for up to 4 years.

**Application Process:** The Draft Registration deadline is **August 7, 2018**. The Final Registration deadline is **August 14, 2018**. The Pre-Application Draft deadline is **September 14, 2018**. The Pre-Application deadline is **November 8, 2018**.

**Informational Webinar:**

Ontario Genomics will be hosting an informational webinar to address any questions on this funding opportunity.

**Date and Time:** June 28, 2018 at 1:00PM

**Contact:** Caitlin Taylor, Senior Manager of Research and Business Development at ctaylor@ontariogenomics.ca
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP)

The Department of Defense has recently announced the following funding opportunities:

1) **Investigator-Initiated Research Award (IIRA)**, the objective: to support translational research that will accelerate the movement of promising ideas in Duchenne research into clinical applications. Translational research may be defined as an integration of basic science and clinical observations with the specific goal of developing new therapies. The ultimate goal of translational research is to move a concept or observation forward into clinical application.


   **Value:** IIRA Funding Level up to $600,000 for up to 3 years. IIRA and Optional Interdisciplinary Collaborator Funding Level up to $750,000 for up to 3 years.

   **Application Process:** The Pre-application deadline for the Investigator-Initiated Research Award is **August 29, 2018.** The application deadline is **December 5, 2018.**

2) **Career Development Award**, the objective: to support early-career investigators in conducting impactful Duchenne research under the mentorship of an experienced muscular dystrophy researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of Duchenne research. Applicants should also demonstrate that the proposed research has high potential to lead to or make breakthroughs in Duchenne.


   **Value:** up to $275,000 for up to 2 years.

   **Application Process:** The LOI deadline for the Career Development Award is **November 14, 2018.** The application deadline is **December 5, 2018.**

   **Announcement Website:** [http://cdmrp.army.mil/funding/dmdrp](http://cdmrp.army.mil/funding/dmdrp)

   **ROADS Contact:** Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519
Canada Council for the Arts: Explore and Create

The objective of Explore and Create is to 1) support artists’ research, development, creation and production of work, and professional development, and 2) support Canadian artists, artistic groups and organizations committed to the creation and dissemination of innovative, vibrant and diverse art.

The program advances Canadian artistic practices by encouraging artists to a) investigate creative processes, and b) take risks that lead to the development of unique works destined to connect with the public. Canada Council for the Arts has announced the following:

1) Research and Creation, the objective: to support the initial stages of the creative process. The grants provide support for creative research, creation, and project development. [http://canadacouncil.ca/funding/grants/explore-and-create/research-and-creation](http://canadacouncil.ca/funding/grants/explore-and-create/research-and-creation)

Value: up to $25,000 to a maximum of $50,000 over 2 years

Application process: Profile Validation Deadline – Applicants must create an account and submit one or more profile(s) for validation at least 30 days before they want to apply. The Application deadline is September 12, 2018.

2) Professional Development for Artists, the objective: to support the career growth/professional advancement of Canadian artists and artistic groups by encouraging participation in a wide range of development opportunities. The grants fund activities in all artistic disciplines. [http://canadacouncil.ca/funding/grants/explore-and-create/professional-development-for-artists](http://canadacouncil.ca/funding/grants/explore-and-create/professional-development-for-artists)

Value: up to $10,000 for duration of project

Application Process: Profile Validation Deadline – Applicants must create an account and submit one or more profile(s) for validation at least 30 days before they want to apply. The Application deadline is October 10, 2018.

Announcement Website: [http://canadacouncil.ca/funding/grants/explore-and-create](http://canadacouncil.ca/funding/grants/explore-and-create)

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Alzheimer’s Research Program (PRARP)

The Department of Defense has recently announced the following funding opportunities:

1) Convergence Science Research Award (CSRA), the objective: to support efforts to generate research resources, tools, or novel research efforts for researchers and/or practitioners in health sciences. [http://cdmrp.army.mil/funding/pa/FY18-PRARP-CSRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRARP-CSRA.pdf)

Value: up to $500,000 for up to 3 years
2) **Quality of Life Research Award (QUAL)**, the objective: to support preclinical, basic, epidemiological, or quality-of-life research to alleviate or characterize the common symptoms of TBI and AD/ADRD related to the PRARP’s mission.


**Value:** up to $500,000 for up to 3 years

3) **New Investigator Research Award (NIRA)**, the objective: to support early-career investigators interested in novel research efforts or new technologies within TBI and AD/ADRD.


**Value:** up to 225,000 for up to 3 years

4) **Research Partnership Award (RPA)**, the objective: to create an avenue for partnerships between investigators to address a research problem or question in a manner that would be unachievable through separate efforts.


**Value:** up to $1,300,000 for up to 3 years

**Application Deadline:** The LOI deadline for the above funding opportunities is **September 20, 2018.** The Application deadline for the above funding opportunities is **October 4, 2018.**

**Announcement Website:** http://cdmrp.army.mil/funding/prarp

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

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**Mind and Life Institute: Francisco J. Varela Research Grants**

The Varela Grants fund rigorous examinations of contemplative techniques with the ultimate goal that findings derived from such investigations will provide greater insight into contemplative practices and their application for reducing human suffering and promoting flourishing. Proposals are encouraged across broad domains, including: cognitive science, clinical psychology, education, anthropology, neuroscience, health/medical, social science, and humanities.

https://www.mindandlife.org/varela-grants/

**Value:** up to $15,000 is awarded annually.

**Application Process:** the application deadline is **September 28, 2018.**

**ROADS Contact:** Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Mitacs – Career Connect: Internships

Mitacs Career Connect provides meaningful work experience for young graduates while helping companies find the talent they need to grow their business. We currently have opportunities for projects that aim to protect the environment, create positive environmental outcomes, or address an environmental or climate change-related challenge.

Eligible hiring organizations include:

- Post-secondary institutions
- For-profit organizations, including sole proprietorships
- Provincial, territorial, regional, and municipal governments
- Not-for-profit, non-governmental, and Indigenous organizations

Eligible interns must be: Between 15 and 30 years old at the start of their internship, a post-secondary graduate, a Canadian citizen, permanent resident, or refugee


Value: between $20,000 - $25,000 for up to 6 months

Application Process: The application deadline for the Mitacs Career Connect Grant is October 1, 2018.

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

The Department of Defense has recently announced the following funding opportunities:

1) **Concept Award**, the objective: to support the exploration of highly innovative new concepts or untested theories that address important problems relevant to lupus. This award mechanism supports high-risk, high-reward studies that have the potential to reveal entirely new avenues for investigation. The application must describe how the new idea will enhance the existing knowledge of lupus or develop an innovative and novel course of investigation.


Value: up to $150,000 for up to 1 year.

Application Process: The LOI deadline for the Concept Award is October 10, 2018. The application deadline is November 7, 2018.

2) **Impact Award**, the objective: support the full spectrum of research projects or ideas that specifically focus on scientific and clinical lupus issues, which, if successfully addressed, have the potential to make a major impact
in lupus research. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale that is established through inferential reasoning and/or critical review and analysis of the literature. Inclusion of preliminary data is encouraged.


**Value:** up to $525,000 for up to 3 years.

**Application Process:** The LOI deadline for the Impact Award is **October 10, 2018**. The application deadline is **November 7, 2018**.

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

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

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**Fulbright Canada: Awards for Canadian Scholars**

Fulbright Canada has recently announced the following Awards for Canadian Scholars:

1) **Canadian Traditional Scholar Awards**, the objective: to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research center of their choice in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States and the relationship between the two countries. Applicants should also clearly document the need to be in residence in Canada to carry out the project.


**Value:** up to $12,500 for one semester, September 2019 or January 2020.

**Application Process:** The application deadline for the Canadian Traditional Scholar Awards is **November 15, 2018 at 5pm**.

2) **Canadian Visiting Research Chairs** are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions.


**Value:** up to $25,000 for one semester, September 2019 or January 2020.
Application Process: The application deadline for the Canadian Visiting research Chairs is **November 15, 2018**.


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

**Canadian Glycomics Network (GlycoNet): GlycoNet Request for Proposals – Cycle II**

GlycoNet is soliciting Letters of Intent (LOIs) for projects to form the basis of GlycoNet’s Cycle II Renewal application. A key goal of GlycoNet is to support research projects that are multi-disciplinary, as defined by the NCE program.

**GlycoNet Request for Proposal - Cycle II Competition.pdf**

**Value:** maximum $200,000 for up to 2 years.

**Application Process:** Potential applicants must register via email by July 3, 2018. The LOI submission deadline is August 9, 2018.

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

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

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

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

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

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 **ASAP**. 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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Spinal Cord Injury Research Program (SCIRP) – Grants**

The Department of Defense has announced the following awards:

1) **Investigator-Initiated Research Award**, the objective: to support studies that have the potential to make an important contribution to SCI research, patient care, and/or quality of life.


   **Value**: maximum $500,000 for up to 3 years.

   **Application Process**: The pre-application deadline for the Investigator-Initiated Research Award is **July 9, 2018**.

2) **Qualitative Research Award**, the objective: to support qualitative research studies that will help researchers and clinicians better understand the experiences of individuals with SCI and thereby identify the most effective path(s) for adjusting to disability and/or improving overall quality of life, health, and functional status after SCI.


   **Value**: maximum $500,000 for up to 3 years.

   **Application Process**: The pre-application deadline for the Qualitative Research Award is **July 9, 2018**.
3) **Transitional Research Award**, the objective: to support translational research that will accelerate the movement of promising ideas in SCI research into clinical applications. The ultimate goal of translational research is to move an observation forward into clinical application and accelerate the clinical introduction of healthcare products, technologies, or practice guidelines.


**Value:** Maximum $1,250,000 for up to 3 years.

**Application Process:** The pre-application deadline for the Transitional Research Award is **July 9, 2018**.

**Announcement Website:** [http://cdmrp.army.mil/funding/scirp](http://cdmrp.army.mil/funding/scirp)

**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
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
   Eligibility at [https://www.nationalgeographic.org/grants/eligibility/](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/](https://www.nationalgeographic.org/grants/preparing-your-proposal/)

3) **Requests for Proposals**, the objective: to support certain key issues; “Documenting Human Migrations”
   **Value**: Typical proposal requests should be less than $30,000; however, applicants may request up to $70,000. (up to 20% of the total may be used as a stipend for the applicant and/or team members)

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

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

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

Leukemia & Lymphoma Society of Canada: Webcast

Researchers are studying new methods that could improve the treatment of CML. Advances in cancer treatment and new ways to relieve side effects have resulted in increased quality of life and a better prognosis for many people with this disease.

**Speaker**: Dr. David Sanford, MD, FRCPC, with a 15-minute Q&A period.

**Date**: July 10, 2018, 2:15 pm EST – 3:15 pm EST

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**.


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

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

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

Applications will be considered in the following areas:

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

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

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

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

   **Value:** The GWIRP, IIFRA offers a nested **Biorepository Contribution Option** with higher levels of funding for qualified applications.

   **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.

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

   **Application process:**

   The DoD pre-application deadline for the above funding opportunities is **July 13, 2018**. The Application deadline is **November 8, 2018**.
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 centreforinnovation@blood.ca if help is needed to identify a Canadian Blood Services project team member.


Value: maximum $30,000 for 1 year

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

Announcement website: https://blood.ca/en/research/funding-programs

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

Investigating in the Pathogenesis of Infectious Disease (PATH) Award

The objective of the PATH award is: to support accomplished investigators to study pathogenesis, with a focus on the interplay between human and microbial biology, shedding light on how human and microbial systems are affected by their encounters.


Value: Up to $500,000 over 5 years

Application Process: The Pre-Proposal deadline for the PATH Award is July 16, 2018. The Application deadline is November 15, 2018.
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.


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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Hearing Restoration Research Program (HRRP) – Grants

The Department of Defense has announced the following funding opportunities:

1) Translational Research Award (TRA), the objective: to support translational research that will accelerate the movement of promising laboratory research relevant to hearing restoration into clinical applications. The ultimate goal of translational research is to move an observation forward into clinical application and accelerate the clinical introduction of healthcare products, technologies, or practice guidelines.


Value: up to $1 million for up to 3 years.

Application Process: The Pre-Proposal deadline for the Transitional Research Award is July 17, 2018.

2) Focused Research Award (FRA), the objective: to support applied research that will advance the diagnosis and treatment of auditory dysfunction where hearing sensitivity may be within normal limits but the individual’s capacity to listen and understand speech is substantially impaired.


Value: up to $1 million for up to 3 years.

Application Process: The Pre-Proposal deadline for the Transitional Research Award is July 17, 2018.
Announcement Website: [http://cdmr.army.mil/funding/hrp](http://cdmr.army.mil/funding/hrp)

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

**Autism Speaks: 2018 Treatment Research Grants**

Autism Speaks invites Treatment Research Grant applications to conduct innovative studies of novel treatments and interventions for people with autism spectrum disorder (ASD) throughout the life span. These may include medical approaches such as pharmacological treatments and complementary and alternative forms of health care, as well as behavioral and/or psychosocial interventions.


**Value:** maximum $250,000 per year for up to 3 years, with a maximum of $750,000 per award.

**Application Process:** The LOI deadline for the 2018 Treatment Research Grants is **July 18, 2018.** The Application deadline is **September 19, 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:

1) **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.**

2) **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 Website: http://cdmrp.army.mil/funding/pcrp

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

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

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

National Multiple Sclerosis Society: Grants, Pilot and Center Awards

The National Multiple Sclerosis (MS) Society has recently announced the following funding opportunities:
1) **Research Grants**, the objective: to support applications for studies that may serve to advance their mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Research-Grants

**Value:** applicants are required to submit an estimate of the total cost of the proposed project, during the given cycle.

**Application Process:** The National MS Society: Research Grants **pre-application deadline** is **July 25, 2018**. The **application deadline** is **August 1, 2018**.

2) **Collaborative MS Research Centers**, the objective: to help stimulate collaboration and interaction in MS research among independent investigators, strengthen the ties between basic and clinical research, and stimulate recruitment of researchers from others fields in MS research.

https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Collaborative-MS-Research-Centers

**Value:** applicants are required to submit an estimate of the total cost of the proposed project for the **first year** and to the **extent possible for subsequent years**, with a maximum of $150,000 per year for a **5 year term**.

**Application Process:** the National MS Society: Collaborative MS Research Centers **pre-application deadline** is **August 30, 2018**. The **application deadline** is **September 5, 2018**.

3) **Pilot Research Grants**, the objective: to fund high-risk pilot grants to quickly test novel ideas. Funding is provided for one year to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding.

https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants

**Value:** maximum $50,000 for 1 year

**Application Process:** The National MS Society: Pilot Research Grant **pre-application deadline** is **September 10, 2018**. The **application review date** is **September 12, 2018**.

4) **Harry Weaver Neuroscience Scholar Awards**, the objective: to award highly qualified candidates who have concluded their research training and begun academic careers as independent investigators in areas related to multiple sclerosis.


**Value:** maximum $30,000 in **year 1**, and may increase by $2,500 in **subsequent years** to a maximum of $40,000 in **year 5**.
**Application Process**: The National MS Society: Harry Weaver Neuroscience Scholar Awards pre-application deadline is **August 8, 2018**. The application deadline is **August 15, 2018**.

**Announcement Website**: [https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding](https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding)

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

**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. review **Optional Nested Early-Career Investigator**, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-OCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-OCRP-CDA.pdf)

**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**.
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/pa/FY18-NFRP-EHDA.pdf](http://cdmrp.army.mil/funding/pa/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 Website:** [http://cdmr.army.mil/funding/nfrp](http://cdmr.army.mil/funding/nfrp)

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

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**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) **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.


   Investigators are strongly encouraged to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 4 at [http://cdmr.army.mil/funding/pa/FY18-LCRP-CA.pdf](http://cdmr.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**.

2) **Career Development Award**, the objective: to support early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher.


   Investigators are strongly encouraged to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 5 at [http://cdmr.army.mil/funding/pa/FY18-LCRP-CDA.pdf](http://cdmr.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://cdmr.army.mil/funding/lcrp](http://cdmr.army.mil/funding/lcrp)

**ROADS contact:**

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

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**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). review Addendum to the guidelines for the eligibility of applications related to health, at http://www.nserc-crsng.gc.ca/NSERC-CRSNG/policies-politiques/Addendum-Addenda_eng.asp

http://nserc.ca/Professors-Professeurs/Grants-Subs/DGIGP-PSIGP_eng.asp

Webinars and Information Session
NSERC will host Discovery Grants webinars on the following dates:
Dates, time, link: July 12, 2018, 1:00-3:00pm, https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/

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 review http://nserc.gc.ca/Professors-Professeurs/Grants-Subs/SPDG-SDPS_eng.asp

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

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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; [http://westonbraininstitute.ca/rapid-response-canada-2019/](http://westonbraininstitute.ca/rapid-response-canada-2019/)

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; [http://westonbraininstitute.ca/transformational-research-canada-2019/](http://westonbraininstitute.ca/transformational-research-canada-2019/)

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).

**Application process:**
The Weston Brain Institute letter of intent deadline for the above funding opportunities is **August 1, 2018**.

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

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**CMHC: National Housing Conference – Call for Papers**
CMHC will be hosting a housing conference that will take place November 21 and 22, 2018 in Ottawa, Ontario. The conference will bring together national and international experts, practitioners, government officials and stakeholders from different fields representing diverse needs.

It will be an opportunity to innovate and collaborate on solutions for housing in Canada. It will create a forum to share and debate issues that touch the entire housing spectrum and systemic issues including:

- reducing homelessness
- increasing rental supply and access to affordable homeownership
- affordability in housing finance policy
- the overall stability of our housing system


**Application Deadline:** The abstract submission deadline for the National Housing Conference is **August 1, 2018.**

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

### Harry Frank Guggenheim Foundation: Research Grants

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

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

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

http://hfg.org/

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

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

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

**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.


**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**.

**Announcement Website**: [http://cdmrp.army.mil/funding/prcrp](http://cdmrp.army.mil/funding/prcrp)

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

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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).


**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
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.

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

Value:
The Foundation has announced two grant types:
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

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 leader’s 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.


   **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/](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.


   **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](mailto:pellegrc@mcmaster.ca) or extension 27207

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**Lyle Spencer Research Awards**

The objective of the Lyle Spencer Research Awards is to improving the practice of education, independent of any particular reform agendas or methodological strictures.

[https://www.spencer.org/lyle-spencer-research-awards](https://www.spencer.org/lyle-spencer-research-awards)

**Value**: maximum of $1 million

**Application Process**: The Letter of Intent deadline is **October 2, 2018**.

**Informational Webinar**
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:


**Value**: $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.

**Application Process**: The PCC Research Grants pre-application deadline is **November 1, 2018**

2) **Micro-Grants**, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge.


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

**Application Process**: The PCC accepts Micro-Grant requests year-round.


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

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;
ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding

The Institute for Catastrophic Loss Reduction (ICLR) and the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centres of Excellence invite proposals from social scientists to quickly deploy to a disaster-affected area in the aftermath of an extreme event to collect perishable data. The objective: to support research that will learn from disaster events in order to better prevent disasters and protect communities in the future.

This joint funding opportunity is being made available under the ICLR Quick Response Program (QRP) and MEOPAR’s Prompt Data Collection Program (PDC).


Value: Applicants are required to submit a budget that cannot exceed $5,000 for a QRP application or $10,000 for a PDC application.

Application Process: There is no fixed deadline for submitting proposals, proposals are submitted and reviewed on an ongoing basis. NOTE: Notify ROADS of Intent to Apply ASAP.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)

The DOD has announced a Joint DoD and VA grant based on Long-term Impact of Military-relevant Brain Injury Consortium (LIMBIC). The objective: to support a single consortium to study a large cohort of TBI subjects to include Service members and Veterans.


Value: Maximum of $25 million for up to 5 years, up to an additional $5 million per year for 5 year.

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.

Roads Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18/19 Psychological Health/Traumatic Brain Injury Research Program (Pre-Announcement)

The DOD has sent out pre-announcements for the following funding opportunities:

1) **CTRR – Clinical Research Award (CTRR-CRA)**, the objective: to support applied and translational research to advance the development of knowledge and materiel products for rehabilitation and restoration of function following TBI. Supported research can include preclinical studies using human subjects or samples and observational or mechanistic clinical research studies.

**Value:** Maximum of $2 million for up to 3 years.

**Application Process:** Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.

2) **CTRR – Clinical Trail Award (CTRR-CTA)**, the objective: to support small, Phase I clinical trials to advance the development of knowledge and materiel products for rehabilitation and restoration of function following TBI in Service members, Veterans, and other individuals. Interventions should be limited, existing, and manualized. Studies may include seeking to optimize dosing in existing interventions.

**Value:** Maximum of $1.5 million for up to 2 years.

**Application Process:** Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.

3) **CTTR – Clinical Trail Development Award (CTRR-CTDA)**, the objective: to support design and development of the necessary research resources that will serve as a foundation for investigator-initiated clinical trials as described above under CTRR – Clinical Trial Award (CTRR-CTA)

**Value:** Maximum of $200,000 for up to 1 years.

**Application Process:** Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.


**Roads Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Orthotics and Prosthetics Outcomes Research Program (Pre-Announcement)

The DOD has sent out pre-announcements for the following funding opportunities:

1) **Clinical Research Award**; **Funding Level 1**: may support pilot research that has the potential to make significant advancement towards clinical translation. Preliminary data are allowed but not required.

**Funding Level 2**: is supported by preliminary data and has the potential to make significant impact towards clinical translation. Animal studies are not allowed. Clinical trials are not allowed.

**Value**: **Funding Level 1**: Maximum of $350,000 for up to 2 years.

**Funding Level 2**: Maximum of $1.5 million for up to 4 years

**Application Process**: Pre-Application is required; **anticipated** application dates and awards information will be posted in June 2018.

2) **Clinical Trial Award**; **Funding Level 1**: may support pilot clinical trials for exploratory studies involving limited human exposure with the potential to make significant advancement towards clinical translation. Preliminary data are allowed but not required.

**Funding Level 2**: supports rapid implementation of clinical trials with the potential to make significant impacts on improving the health and well-being of Service members, Veterans, and other individuals with limb deficit. Preclinical research is not allowed.

**Value**: **Funding Level 1**: Maximum of $350,000 for up to 2 years.

**Funding Level 2**: Maximum of $2.5 million for up to 4 years

**Application Process**: Pre-Application is required; **anticipated** application dates and awards information will be posted in June 2018.


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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program (Pre-Announcement)

The DOD has sent out pre-announcements for the following funding opportunities:

1) **Concept Award (CA)**, the objective: supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to reconstructive transplant. Preliminary data are NOT allowed.
Value: Maximum of $200,000 for up to 18 months.

Application Process: Pre-Application (Letter of Intent) is required; anticipated application dates and awards information will be posted in June 2018.

2) Investigator-initiated Research Award (IIRA), the objective: Individual PIs: supports studies with potential to make an important contribution to the reconstructive transplant research field, patient care, and/or quality of life. Preliminary or published data required.

Multiple PI Option: supports synergistic partnerships among two to four investigators collaborating on a single application; multi-institutional collaborations are encouraged.

Value: Individual PIs: Maximum of $1.5 million for up to 3 years.

Multiple PI Option: $1.5 million for up to 3 years

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.

3) Qualitative Research Award (QRA), the objective: Individual PIs: Supports qualitative research studies that will help researchers and clinicians to better understand the experiences of individuals who are considering, or have already, received reconstructive transplant surgery.

Multiple PI Option: supports synergistic partnerships among two to four investigators collaborating on a single application; multi-institutional collaborations are encouraged.

Value: Individual PIs: Maximum of $1.5 million for up to 3 years.

Multiple PI Option: $1.5 million for up to 3 years

Application Process: Pre-Proposal is required; anticipated application dates and awards information will be posted in June 2018.


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

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/](http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/))

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

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

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

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

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

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

**Value:** Each Canadian member institution will receive up to $500 CND.
Application Process: Applications can be submitted *throughout the year*.

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

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

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

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


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

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

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

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

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

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

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

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

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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

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

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

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

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

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