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- **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Breast Cancer Research Program (BCRP): Grants – LOI deadline September 14, November 1, 2018**

- **Mitacs: Globalink Research Award (GRA) – Application deadline September 30, 2018**

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

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP) - Pre-Announcement – Anticipated to be posted in August 2018

Previously announced:

• Weston Brain Institute: Grants – Letter of Intent deadline August 1, 2018

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

• 2018 Large Scale Applied Research Project Competition “Genomics Solutions for Agriculture, Agri-food, Fishers and Aquaculture” – Request for Applications (RFA) – Draft Registration deadline August 7, 2018

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

• Social Sciences and Humanities Research Council (SSHRC) Special Call: Indigenous Research Capacity and Reconciliation—Connection Grants – NOTIFY ROADS ASAP; Initial Draft Deadline August 16, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants – Pre-application deadlines August 16, September 20, 2018

• Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Initial draft due to ROADS August 24, 2018; Final Draft due to ROADS September 10, 2018

• Natural Sciences and Engineering Research Council of Canada (NSERC): Research Tools and Instruments Grants Program – NOI to ROADS August 8, 2018; Draft Application August 24, 2018

• Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP) – LOI deadlines August 29, November 14, 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 – LOI deadline August 31, 2018

• Louisville Institute: Grants – Application deadlines September 1, October 1, November 1, 2018, January 15, 2019
• **Department of Defense (DoD) Congressionally Directed Medical Research Programs: FY18 FY 18 Kidney Cancer Research Program (KCRP) – Grants; LOI deadline September 5, 2018**

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

• **Crohn’s and Colitis Foundation – Application deadline September 7, 2018**

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

• **Tinker Foundation Inc.: Institutional Grants – LOI opening deadline July 9, 2018; Application deadline September 15, 2018**

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Parkinson’s Research Program – LOI deadline September 17, 2018**

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Epilepsy Research Program (ERP) – Grants – LOI deadlines September 20, 2018**

• **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**

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

• **National Geographic Society: Grants – Application deadline October 3, 2018**

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

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

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


• **Department of Defense (DoD), Congressionally Directed Medical Research Program: FY18 Defense Health Program US Army Medical Research and Materiel Command (USAMRMC), Accelerating Innovation in Military Medicine (AIMM) – Pre-Announcement**

• **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

- **Weston Brain Institute, Big Ideas: Canada** – Letter of Intent accepted on a rolling basis

- **Institute for Catastrophic Loss Reduction (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.
In this Issue:

Natural Sciences and Engineering Research Council of Canada (NSERC) Whale Science for Tomorrow – Call for Proposals

Through funding provided in Budget 2018 and the Government of Canada’s Oceans Protection Plan, Fisheries and Oceans Canada (DFO) and the Natural Sciences and Engineering Research Council of Canada (NSERC) are partnering to support research that will enhance scientific research on marine mammals in Canada with a focus on southern resident killer whales, North Atlantic right whales, and the Saint Lawrence Estuary population of beluga whales.

Whale Science for Tomorrow is intended to provide support for activities that will:

- Enhance the ability of Canadian universities to support the Government of Canada’s whale conservation objectives;
- Broaden the base of whale protection and recovery research in Canada
- Accelerate the development of a new generation of marine mammal scientists;
- Ultimately increase the scientific information available to support government decision-making and conservation efforts for priority whale species.

https://www.hemophilia.ca/research-chs-bayer-advance-canada-research-program/

Value: up to $ 3 million for 5 years.


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

IDEaS - Second Call for Proposals for Innovation Network: Autonomous Systems for Defence and Security

In response to the recognized need to increase Canadian knowledge capacity, the Department of National Defence is seeking to promote revolutionary advances in our understanding of autonomous systems for defence and security applications, with a focus on trust and barriers to adoption. As a first step to creating a national Innovation Network, they are calling on the innovation community to form multidisciplinary teams, or Micro-nets, of five or more investigators from at least three distinct organizations. Each Micro-net will propose a research project which addresses one or several aspects related to trust and barriers to adoption of autonomous systems. The subject area has deliberately been left broad to encourage a wide range of proposals covering as
many aspects of the domain as possible. Full details of the application and evaluation process can be consulted in the Application Guide (on website).


**Value:** up to $1,500,000 over 3 years.

**Application Process:** The LOI deadline is July 31, 2018 by 12:00pm. The application deadline is November 30, 2018 by 12:00pm.

**Informational Webinar:**

An Information Session on the 2nd Call for Proposals for Innovation Networks will be held by Web conference.

**Webinar Date:** July 31, 2018 at 13:30 – 15:00 (English session)

**Register by:** July 26, 2018

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

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**Canadian Cancer Society (CCS): Stand Up to Cancer Canada Metastatic Breast Cancer Dream Team (SU2C) – Grant**

The Stand Up To Cancer Canada Metastatic Breast Cancer Dream Team, supported by Canadian Cancer Society (CCS) and Canadian Institutes of Health Research (CIHR), represents a new, focused effort to implement advances in metastatic breast cancer research as rapidly as possible through the creation of a collaborative, translational, cancer research "Metastatic Breast Cancer Dream Team". The most talented and promising researchers across Canadian institutions will be assembled into a pan-Canadian Dream Team, forming an optimal configuration of expertise needed to solve key problems in metastatic breast cancer and positively impact patients in the near future.


**Value:** up to $6 million for up to a 4-year research term.

**Application Process:** The LOI deadline for the SU2C Grant is **August 10, 2018.** The Application deadline is **October 26, 2018.**

**ROADS Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Reconstructive Transplant Research Program (RTRP) – Grants

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

1) **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 deadline is **August 15, 2018.** Application deadline is **October 24, 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 deadline is **August 15, 2018.** Application deadline is **October 24, 2018.**

3) **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) deadline is **October 3, 2018.** The Application deadline is **October 24, 2018.**

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

**Roads Contact:** Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Canadian Institutes of Health Research (CIHR) Foundation Grant 2018: Stage 1
The Foundation Grant program is designed to contribute to a sustainable foundation of established health research leaders, by providing long-term support for the pursuit of innovative and high-impact research programs. The Foundation Grant program is expected to:

- Support a broad base of health research leaders across all health-related disciplines with a demonstrable track record of excellence and impact in their field of study;
- Develop and maintain Canadian capacity in health research and other related fields;
- Provide research leaders with the flexibility to pursue novel and innovative lines of inquiry;
- Contribute to the creation and application of health-related knowledge through a wide range of research and/or knowledge translation activities, including relevant collaborations.


**Value:** Foundation grant funding levels will be commensurate with need, which is expected to vary by research field, research approach, and scope of project activities. For existing CIHR grantees, the budget request should be consistent with the applicant’s previous CIHR Open Funding history as a Nominated Principal Investigator. **CIHR will provide a calculated baseline budget to all Stage 2 applicants.** The **duration of a Foundation grant is 7 years.**

**Application Process:** Notify ROADS of intent to apply by **August 1st, 2018.** Mandatory Registration due to CIHR by **August 15th, 2018.** **Draft of full Stage 1 Application due to ROADS by August 28th, 2018.** Final Stage 1 Application due to ROADS by **12:00pm September 17th, 2018.**

**Informational Webinars:**
CIHR is holding Q&A webinars for their 2018-2019 Foundation Grant Stage 1 Application starting on Wednesday, July 18, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed on the website below in advance of the webinar to ensure that everyone’s experience is as productive as possible. **Registration is required.**

**Dates:**

**English Sessions:**

- Wednesday, August 8, 2018 (13:30 – 14:30 EDT)
- Wednesday, September 5, 2018 (13:30 – 14:30 EDT)

**French Sessions:**

- Thursday, August 23, 2018 (11:00 – 12:00 EDT)

**Webinar website:** [http://www.cihr-irsc.gc.ca/e/45096.html](http://www.cihr-irsc.gc.ca/e/45096.html)
Canadian Institutes of Health Research (CIHR) Project Grant Fall 2018

The Project Grant program is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes, by supporting projects with a specific purpose and a defined endpoint. The best ideas stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

The Project Grant is expected to:

- Support a diverse portfolio of health-related research and knowledge translation projects at any stage, from discovery to application, including commercialization;
- Promote relevant collaborations across disciplines, professions, and sectors;
- Contribute to the creation and use of health-related knowledge.


Value: It is expected that most Project grant budget requests will fall within a range of $50K to $750K per annum and the grant durations will range between approximately 1 to 5 years. The maximum eligible request to CIHR is $13.25M. Project grant funding levels will be commensurate with need, which is expected to vary by research field, research approach, and scope of project activities.


Informational Webinars:

CIHR is holding Q&A webinars for their Project Grant: Fall 2018 competition starting on Thursday, July 26, 2018. Each webinar will begin with a brief overview of key updates and points of interest. However, most of the webinar will be dedicated to the Q&A session where participants can ask questions to CIHR staff. Participants are asked to review the materials listed on the website below in advance of the webinar to ensure that everyone’s experience is as productive as possible. Registration is required.

Dates:

English Sessions

- Thursday, July 26, 2018 (14:00 - 15:00 EDT)
- Thursday, August 9, 2018 (13:00 - 14:00 EDT)
- Wednesday, August 22, 2018 (13:00 - 14:00 EDT)
- Thursday, August 30, 2018 (13:00 - 14:00 EDT)
• Thursday, September 6, 2018 (13:00 - 14:00 EDT)

French Sessions

• Thursday, July 26, 2018 (11:00 - 12:00 EDT)
• Tuesday, August 21, 2018 (13:00 - 14:00 EDT)
• Wednesday, September 5, 2018 (11:00 - 12:00 EDT)

Webinar Website: [http://www.cihr-irsc.gc.ca/e/45096.html](http://www.cihr-irsc.gc.ca/e/45096.html)

ROADS Contact: Virginia Viscardi, ROADS Senior Advisor, at viscarvl@mcmaster.ca or extension 24519, by August 1st for ROADS’ CIHR Project Grant Registration Guidance Document.

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

The DoD has recently announced the following PRCRP funding opportunities:


- **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**.

2) **Horizon Award**, the objective: to support high innovative, high-impact cancer research. To be considered for funding, applications for the FY18 PRCRP must address at least one of the Topic Areas as directed by Congress. Research applications in the areas of breast, prostate, lung (excluding mesothelioma), kidney, or ovarian cancer will **not** be accepted.

- **Value**: up to $150,000 for up to 2 years
- **Application Process**: Pre-application deadline is **August 28, 2018**. Application deadline is **September 26, 2018**.


The FY18 PRCRP Topic Areas are:
Announcement Website: [http://cdmrp.army.mil/funding/prcp](http://cdmrp.army.mil/funding/prcp)

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

The Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program

The Canadian Hemophilia Society (CHS) is proud to put out its call for applications for its new research program created in collaboration with Bayer and ADVANCE Canada.

The *Canadian Hemophilia Society – Bayer ADVANCE Canada Research Program* was created to engage Canadian hemophilia treaters in activities to identify and research key issues in the ageing hemophilia population.

The research program will support studies that aim to:

- Identify and provide insight into key issues associated with the ageing hemophilia population
- Identify how management of age-related co-morbidities should be adapted to those with hemophilia
- Create and deliver evidence-based information to health care practitioners (HCPs), the public and policy makers that will lead to improved care and QoL for older Canadians living with hemophilia


**Value:** a maximum of $60,000 for up to 1 year.

**Application Process:** The application deadline for the above opportunity is August 31, 2018.

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

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

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

1) *Breakthrough Award Levels 1 and 2 II*, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.
Funding Level 1: Innovative, high-risk/high-reward research that is in the earliest stages of idea development. Research with potential to yield new avenues of investigation. Proof of concept. No preliminary data required. DoD FY18 Breast Cancer Breakthrough Award Levels 1 and 2.

Funding Level 2: Research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation.


Value:

Level 1: up to $375,000 for up to 3 years; Level 1 with partnering PI option: up to $600,000 for up to 3 years

Level 2: up to $750,000 for up to 3 years; Level 2 with partnering PI option: up to $1 million for up to 3 years

Application Process: The Letter of Intent deadline is November 1, 2018. The application deadline is November 15, 2018.

2) Breakthrough Award Levels 3 and 4 II, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer.

Funding Level 3: Advanced translational studies that have potential for near-term clinical investigation. Small-scale clinical trials may apply. DoD FY18 Breast Cancer Breakthrough Award Levels 3 and 4

Funding Level 4: Large-scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Near-term clinical impact is expected. Human clinical testing is required. PIs are expected to have experience in successfully leading large-scale projects.


Value:

Level 3: up to $2.5 million for up to 4 years; Level 3 with partnering PI option: up to $4 million for up to 4 years

Level 4: up to $10 million for up to 4 years; Level 4 with partnering PI option: up to $10 million for up to 4 years


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

ROADS Contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Heart & Stroke Foundation: Grants-in-Aid Award Programs

**Grants-in-Aid (GIA),** the objective: to provide operating funds to support important, pertinent, novel research in the areas of heart disease and stroke across all health research themes: Basic Biomedical; Clinical; Health Services/Systems; Social, Cultural, Environmental and Population Health.

Knowledge gained from scientific findings contributes to the cardiovascular and cerebrovascular health of Canadians through prevention, treatment and recovery. As part of the GIA program, funding specifically targeted towards the improvement of the heart and brain health for women is available. All applicants are required to include a sex and gender-based analysis in their research design (or provide rationale as to why it would not be relevant to their project)


**Value:** up to $100,000 per year for duration of 3 years.

**Application Process:** the Application deadline for the GIA is **August 30, 2018 by 16:00 EDT.**

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

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Mitacs: Globalink Research Award (GRA)

The Mitacs Globalink Research Award provides $6,000 for senior undergraduate and graduate students in Canada to conduct 12–24-week research projects at universities overseas.

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

- Australia
- Brazil
- China
- EU member countries
  - In France, both universities and Inria Research Centres are eligible host institutions
- Israel
- India
- Japan
- Korea
- Mexico
- Norway
- Saudi Arabia
- Tunisia
- United Kingdom
- United States
Value: up to $6,000 for research projects between 12 -24.

Application Process:
To Travel in January 2019, apply by September 30, 2018.

Students can submit applications at any time but are encouraged to apply at least 16 weeks prior to their planned departure.

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

MEOPAR AND Oceans Network Canada (ONC): Call for Proposals

MEOPAR, in partnership with Ocean Networks Canada (ONC), has released the second iteration of the Early Career Faculty (ECF) program. The objective: for early-career faculty investigators to contribute to and participate in MEOPAR’s broad interdisciplinary, multi-institutional research effort, thereby growing and extending their network of collaborators and interactions with stakeholders.

Value: a maximum of $100,000 for up to 2 years.

Application Process: the application deadline is October 29, 2018 by 4 pm AST.

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

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

The DOD has announced the Resiliency and Readiness Optimization/ Enhancement (R2OE) Translational Research Award. The objective: to support research with the goal of evaluating evidence-based interventions and techniques to optimize and enhance resilience and psychological health readiness of Service members (SM). The expectation of this research is to demonstrate the utility of these resiliency and readiness enhancement interventions and techniques to benefit our SMs and the public at large.

Value: Maximum of $3 million for up to 3 years.
**Application Process:** Pre-Proposal is required; **anticipated** application dates and awards information will be posted in **August 2018**.

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP) - Pre-Announcement**

The DOD has announced the *New Investigator Award* for the FY18 Gulf War Illness Research Program. The objective: to support high-impact research that will identify effective treatments and accelerate their clinical application, identify objective markers for improved definition and diagnosis, and/or provide a better understanding of the pathobiology underlying the complex of Gulf War Illness symptoms.


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

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

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

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**Previously Announced:**

**Weston Brain Institute: Grants**

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

1) **Rapid Response: Canada 2019**, the objective: to provide seed funding to support novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging. **Focus, Parkinson’s and Related Diseases:** Parkinson’s disease; Progressive supranuclear palsy; Dementia with lewy bodies; multiple system atrophy; prodromes; vascular contributions. All projects must involve the development of a therapeutic, and/or tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging. Preliminary data is not required.


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

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

2) **Transformational Research: Canada 2019**, the objective: to fund transformative, novel, high-risk, high-reward translational research projects on neurodegenerative diseases of aging, with excellent preliminary data. **Focus, Parkinson’s and Related Diseases:** Parkinson’s disease; Progressive supranuclear palsy; Dementia with lewy bodies; multiple system atrophy; prodromes; vascular contributions. All projects must involve the development of a therapeutic and/or tool, and/or complementary approaches to accelerate the development of therapeutics for neurodegenerative diseases of aging.
http://westonbrainstitute.ca/transformational-research-canada-2019/

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

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

Application process:
The Weston Brain Institute letter of intent deadline for the above funding opportunities is August 1, 2018. The proposal deadline is November 12, 2018.

Announcement Website: http://westonbrainstitute.ca/funding-opportunities/open-and-upcoming-programs/

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

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

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.


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

National Multiple Sclerosis Society: Grants, Pilot and Center Awards

The National Multiple Sclerosis (MS) Society has recently announced the following funding opportunities:

1) *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.


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](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**.

**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

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**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 **ASAP**. 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.

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) 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.

2) The Health Disparity Research Award supports promising research ideas that have high potential to make a significant impact in eliminating disparities in prostate cancer incidence, morbidity, mortality, and survivorship. The PCRP is interested in research that addresses all different aspects that contribute to health disparity in prostate cancer, including, but not limited to, social, cultural, and/or biological contributors. Proposed research ideas should be innovative, but primary emphasis will be placed on the potential impact of the proposed work.


Value: Established Investigators: $1 million for 3 years. New Investigators: $600,000 for 3 years.


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

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

Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants
Partnership Engage Grants are expected to respond to the objectives of the Insight program and the Connection program. They provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors. In addressing an organization-specific need, challenge and/or opportunity, these partnerships let non-academic organizations and postsecondary researchers access each other’s unique knowledge, expertise and capabilities on topics of mutual interest. SSHRC welcomes applications involving Indigenous research, as well as those involving research-creation.


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

Application Process: The initial draft of the application and letters of support are due to ROADS, by August 24, 2018. Please note, applications received after this date may not receive a full review. The final drafts, and a completed and signed Application Approval Form, are due to ROADS by September 10, 2018. ROADS will submit the application to SSHRC by 4:30 pm on September 17.

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

Natural Sciences and Engineering Research Council of Canada (NSERC): Research Tools and Instruments Grants Program

Research Tools and Instruments (RTI) grants foster and enhance the discovery, innovation, and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment. NSERC will only accept requests:

- For tools and instruments that form a comprehensive system intended to support NSERC funded research in the natural sciences and engineering (bundling of unrelated tools and instruments, or of duplicate tools and instruments intended for different uses, will not be accepted);
- For the purchase of new, used or refurbished equipment, or for the repair or upgrade of equipment, or for the fabrication of equipment that is not readily available off the shelf; and
- For equipment that is purchased after the application deadline.


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

Application Process: Notify ROADS of Intent to Apply by August 8, 2018. Submit draft of application to ROADS for internal peer review by August 27, 2018. Submit draft of application to ROADS for review by October 2, 2018. Submit final application to ROADS via Research Portal by October 22, 2018

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

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**John Templeton Foundation: Grants**

The objective of the John Templeton Foundation is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the **Big Questions**.

review **Vision, Mission & Impact** at [https://www.templeton.org/about/vision-mission-impact](https://www.templeton.org/about/vision-mission-impact)

**Core Funding Areas:**
- Science & The Big Questions
- Exceptional Cognitive Talent & Genius
- Genetics
- Voluntary Family Planning;
- Character Development
- Individual Freedom & Free Markets

review **Funding Areas** at [https://www.templeton.org/funding-areas](https://www.templeton.org/funding-areas)

**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](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. 

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

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

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

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


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

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

**Announcement Website:** https://louisville-institute.org/programs-grants-and-fellowships/grants/

**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 FY 18 Kidney Cancer Research Program (KCRP) – Grants**

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

1) **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.

**Application Process:** The LOI deadline for the Idea Development Award is **September 5, 2018.** The application deadline is **September 28, 2018.**

2) **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**.

3) **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.

Application Process: The LOI deadline for the Transitional Research Partnership Award is **September 5, 2018**. The application deadline is **September 26, 2018**.

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

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

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

The DoD has recently announced the following LCRP funding opportunity:


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

This award is intended to support impactful research projects with an emphasis on discovery.

Value: maximum $250,000 over 2 years

Application process: The DoD pre-application deadline is **September 6, 2018**. The application deadline is **September 26, 2018**.

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

ROADS contact:

Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Crohn’s and Colitis Foundation

The Crohn’s and Colitis foundation has recently announced the following funding opportunities:

1) **Fibrosis Initiative: Biology of Fibrosis in IBD RFP**, the objective: to fund studies focused on investigating the biological mechanisms leading to, and protecting from, fibrosis in IBD. These studies should be built upon clinical observations and/or published evidence in human IBD. Particular interest will be on proposals that address one or more of the following areas:
   - Pathophysiology of fibrosis based on documented patterns of gene expression
   - Cell biological mechanisms of fibrosis – role of different cell types
   - Biology of strictureplasty

http://www.crohnscolitisfoundation.org/science-and-professionals/research/fibrosisrfp.html

**Value:** $900,000 for three years ($300,000/year, contingent on reaching annual milestones)

2) **Novel Technologies Initiative: Sensor Technologies to Monitor Inflammation in IBD – RFP**, the objective: to support the development of sensor technologies that can be implemented to detect and monitor inflammation in the context of IBD. Proposed technology should meet the following criteria:
   - Minimally invasive detection of active inflammation. Preferably, the signals detected should be related to biological processes regarded to be causative and/or highly correlated with intestinal inflammation in IBD (e.g. cytokine levels, presence of proinflammatory immune cells, proinflammatory mediators, etc.) and should be informative with respect to symptoms (e.g. active "flare-up" prior to observation of severe symptoms).
   - Sampling of data should be **continuous or periodic during daily life**, specifically, technologies, such as sensors/ biosensors/ nano-sensors, implantable, ingestible, wearable or environmental devices, will be considered.
   - Have the potential to reach clinical studies within the next 3-4 years.

**Value:** $125,000 for one year (inclusive of 10% indirect cost)

**Application Process:** the application deadline for both of the above funding opportunities is **September 7, 2018**.

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

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.  

   **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

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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](https://www.tinker.org/content/institutional-grants)
Applicants submit a budget and estimate the duration of their project.

Application process:
The Tinker Foundation will begin accepting letters of inquiry as of July 9, 2018. The application deadline is September 15, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Parkinson’s Research Program – Grant

The DOD has recently announced the following funding opportunities:

1) Investigator-Initiated Research Award, the objective: to support highly rigorous, multidisciplinary, high-impact research projects that have the potential to make an important contribution to Parkinson’s disease research and/or DoD FY18 Parkinson’s Investigator-Initiated Research Award patient care. This award mechanism supports the full spectrum of research from basic science through clinical research that specifically focuses on scientific and clinical Parkinson’s disease issues, which, if successfully addressed, have the potential to make a major impact in understanding, preventing, diagnosing, or treating Parkinson’s disease or enhancing the wellbeing of individuals experiencing the impact of the disease.


Value: Individual PI awarded $1.5 million for up to 3 years. Partnering PIs awarded $2 million for up to 3 years.

2) Early Investigator Research Award, the objective, to impact an area of paramount importance in Parkinson’s disease. The application must clearly and explicitly describe the potential impact of the proposed study on Parkinson’s disease and convey its level of significance. The research should benefit individuals with Parkinson’s disease, including Service members and Veterans, by improving the understanding, prevention, diagnosis, and/or treatment of Parkinson’s disease. DoD FY18 Parkinson’s Early Investigator Research Award The proposed research must be relevant to active duty Service members, Veterans, military beneficiaries, and/or the American public


Value: up to $340,000 for up to 2 years.

Application Process: The LOI deadline for both of the above funding opportunities is September 17, 2018. The application deadline for both of the above funding opportunities is October 3, 2018.

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 opportunity:

1) **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.

**Application Process:** The LOI deadline for the Idea Development Award is **September 20, 2018**. The application deadline is **October 4, 2018**.

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

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.


**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

**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.


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**.

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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

September 5, 2018 at 11:00 am CDT.

Webinar Website:
[https://spencer.smartsimple.us/ex/ex_Evtpage.jsp?token=HQsIRh8GZVhaQxZeXxJSSldWYA%3D%3D&parentids=2411426](https://spencer.smartsimple.us/ex/ex_Evtpage.jsp?token=HQsIRh8GZVhaQxZeXxJSSldWYA%3D%3D&parentids=2411426)

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

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**National Geographic Society: Grants**

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

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

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

Value: $5,000 - $10,000 USD, maximum 1 year

review Eligibility at [https://www.nationalgeographic.org/grants/eligibility/](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 October 3, 2018.

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

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**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

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

Partnership for Clean Competition (PCC): Research Grants and Micro-Grants

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

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

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.
http://www.cleancompetition.org/programs/micro-grants-program/

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.

Announcement website: http://www.cleancompetition.org/
ROADS contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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.

http://www.fulbright.ca/programs/canadian-scholars/traditional-awards.html

**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.

http://www.fulbright.ca/programs/canadian-scholars/visiting-chairs-program.html

**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**.

**Application Process:** [http://www.fulbright.ca/programs/canadian-scholars.html](http://www.fulbright.ca/programs/canadian-scholars.html)

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

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

**Accessible Technology Program**

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


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

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

- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22
Contact: Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at yuyitun@mcmaster.ca or extension 23164

Department of Defense (DoD), Congressionally Directed Medical Research Program: FY18 Defense Health Program US Army Medical Research and Materiel Command (USAMRMC), Accelerating Innovation in Military Medicine (AIMM) – Pre-Announcement

The DoD has sent out the following pre-announcement:

*AIMM Research Award*, the objective: 1) to support highly creative and conceptually innovative high-risk research with the potential to accelerate critical discoveries or major advancements that will significantly impact military health and medicine, 2) to support novel research concepts and development of enabling technologies; not intended to support incremental advances on previous or ongoing work, and 3) to support applied research efforts that initiate or enhance potential game-changers; clinical trials are not allowed.


Value: up to $350,000 for up to 18 months

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

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

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.**
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 July 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 July 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 July 2018.

3) CTRR – 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 July 2018.


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

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**Weston Brain Institute, Big Ideas: Canada**

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

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


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): Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to collect perishable data. The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

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

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

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

https://www.iclr.org/quickresponse.html

Value: $2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc. A maximum $5,000 is available for an exceptional proposal.

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

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

Shastri Indo-Canadian Institute (SICI): Grants

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

1) Global Initiative for Academic Network (GIAN) Programme, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review Scope of GIAN, priority areas at http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/)
Value:
Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20- 28 hours of contact to cover travel and honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

Application Process: Applications can be submitted throughout the year.

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

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

Application Process: Applications can be submitted throughout the year.

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

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

Application Process: Applications can be submitted throughout the year.

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

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.
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