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

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

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

• 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

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Notify ROADS of Intent to Apply by June 13, 2018; SSHRC Application deadline August 1, 2018

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

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

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

• CANARIE: Call for Research Data Management Software – Application deadline June 20, 2018

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

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

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

- Simons Foundation Autism Research Initiative (SFARI): Genomic Analysis for Autism Risk Variants in SPARK—Notice of Intent deadline June 22, 2018; Application deadline July 27, 2018

- Department of Defense, Congressionally Directed Medical Research Programs: FY18 Tick-Borne Disease Research Program (TBDRP): Grants - Pre-application deadline June 25, 2018

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

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

- BrightFocus Foundation: Macular Degeneration Research Program – Letter of Intent deadline June 26, 2018

- Pay Equity Commission: 2018-2019 Gender Wage Gap Grant Program – Application deadline June 28, 2018

- Elton John Aids Foundation: Open Call for Proposals – Letter of Inquiry deadline June 30, 2018

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

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

- Department of Defense, Congressionally Directed Medical Research Programs: FY18 Autism Research Program (ARP) – Grants – Pre-application deadline July 5, 2018

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

- 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
• 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

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

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 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

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


• 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.**
In this issue:

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

The Faculty of Health Sciences: Request for Infrastructure

The Faculty of Health Sciences has requested applications for funding to replace aging equipment (ex. Hoods, centrifuges, freezers) and to upgrade lab facilities with new equipment. The objective: to support acquisition of equipment that would be difficult to fund through conventional grants and do not meet the mandate for a CFRI JELF.

Value: $10,000 - $30,000

Application Process: Request must be prepared using the FHS Request for Infrastructure form by June 15, 2018 and submitted to hsresadm@mcmaster.ca.

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Trauma Resiliency Immersive Adaptive Gaming Environment Award

The objective of Trauma Resiliency Immersive Adaptive Gaming Environment Award is to: 1) support the development and evaluation of an innovative protocol for virtual immersive gaming interoperable components that will increase medical care provider performance, adaptability, and agility in stress inducing contexts related
to Roles of Care 1-3, 2) seeks a gaming interoperable component that elicits cognitively demanding problem-solving and decision making under high-stress scenarios in order to increase performance, adaptability, and agility.

[http://cdmrp.army.mil/funding/jpc1](http://cdmrp.army.mil/funding/jpc1)

**Value:** $1.3 million for 18 months.

**Application Process:** The pre-application/pre-proposal deadline for Trauma Resiliency Immersive Adaptive Gaming Environment Award is **June 25, 2018.**

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

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**George Weston Limited and Loblaw Companies Limited: Seeding Food Innovation 2018 Grant**

The objective of the Seeding Food Innovation 2018 Grant is to: provide funding for interdisciplinary research or technology development that may help accelerate solutions to sustainable food challenges. The thematic focus of the grant is in food production, distribution and consumption initiatives, with research outcomes that primarily impacts Canadians, but also delivers key learnings towards issues of global concern.


**Value:** up to $250,000 for up to 2 years.

**Application Process:** The Letter of Intent (LOI) deadline for the Seeding Food Innovation 2018 Grant is **June 27, 2018.**

**Information Webinars:**

June 13, 2018 – 1:00 pm EST

June 14, 2018 – 1:00 pm EST

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

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**Canadian Institute for Military and Veteran Health Research (CIMVHR): Call for Nominations – Fellowship Initiative**

The objective for the CIMVHR Call for Nominations is to recognize fellows leading experts who demonstrate exceptional research advancements within the field of military, Veteran and family health and well-being.

Fellow responsibilities may include:
• Promoting CIMVHR’s mission within communities of researchers and policy makers;
• Inspire participation and leadership in CIMVHR scientific activities;
• Outreach and engagement with researchers and policy makers to extend CIMVHR presence in their region; and
• Encourage development through research networks that will benefit Veterans and military personnel and their families through membership of trainees by attracting new talents to the field.


Application Process: The deadline for the CIMVHR Call for Nominations is June 29, 2018.

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

CMHC: The National Housing Strategy (NHS) – Research & Innovation Initiatives

CMHC has announced the following funding opportunities:

1) Solutions Labs Initiatives, the objective: Solutions Labs will bring experts and housing stakeholders together to rapidly incubate and scale potential solutions to housing pressures. Housing Sector teams with diverse experience and knowledge will be invited to identify housing challenges in key NHS priority areas. Then, they will be asked to propose strategies to co-develop new, world-leading solutions.


Value: Up to $500,000 available for this coming year, funding will grow to $3 million in subsequent years.

Application Process: The application deadline for the Solution Labs Initiatives is June 29, 2018.

2) NHS Demonstrations Initiative, the objective: provides a platform to create and disseminate real-world data and information on affordable housing. The Demonstrations showcase innovative technologies, practices, programs, policies and strategies improving the performance, viability and effectiveness of affordable housing projects. Ultimately, fostering a culture of innovation in the affordable housing sector, that will better meet the housing needs of Canadians.


Value: There is $500,000 available for the 2018-2019 year. It will grow to $1.5 million in subsequent years. Each demonstration project will range from $25,000 to $250,000 of funding.

Application Process: The application deadline for the NHS Demonstrations Initiative is June 29, 2018.

Announcement Website: https://www.cmhc-schl.gc.ca/en/nhs/guidepage-strategy/about-the-initiatives

Roads Contact: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Alex’s Lemonade Stand Foundation: Familial RUNX1 Research Program

ALSF is committed to creating opportunities for new and innovative research into treatments and cures for childhood cancers. The objective of the Familial RUNX1 Research Program, presented by the Babich family Foundation, is to fund research of particular importance to families affected by familial platelet disorders (FPDs) leading to acute myeloid leukemia (AML) due to germline RUNX1 mutations with the ultimate goal of developing effective therapies to prevent the onset of AML.

[https://www.runx1.com/research/grants](https://www.runx1.com/research/grants)

**Value:** Up to $250,000 over two years.

**Application Process:** The Letter of Intent deadline for the Familial RUNX1 Research Program is **July 2, 2018.**

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

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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](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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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

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

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

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.

Informational Conference Calls:

Dates: June 14, 2018
Time: 12:00 p.m. Eastern Time
Dial in number for all calls: 1-800-247-5110
Passcode for all calls: BWF

Dates: June 18, 2018
Time: 12:00 p.m. Eastern Time
Dial in number for all calls: 1-800-247-5110
Passcode for all calls: BWF

Dates: June 26, 2018
Time: 12:00 p.m. Eastern Time
Dial in number for all calls: 1-800-247-5110
Passcode for all calls: BWF

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 – 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.**

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

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**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.**

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

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**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](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.

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 viscavl@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

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

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=HQsIRh8GZVeQxZeXxJSSIdWYA%3D%3D&parentids=2411426

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 posed 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 posed 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 posed in June 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 posed in **June 2018**.


**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 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 posed 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 posed 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 posed 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 posed 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 posed in June 2018.


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

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/choisir_organisme_subventionnaire-eng.aspx).

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

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

Particular importance will be placed on applications proposing open-access and open-source approaches to knowledge mobilization. Proposals must also include a plan for the maintenance, lifespan, dissemination and preservation of any resulting digital data.


Value:

Event funding: maximum $25,000 over 1 year (the minimum request required is $7,000)

Outreach Activities funding: maximum $50,000 over 1 year

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

Application process:

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

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

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

Focus, **Parkinson’s and Related Diseases**: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; multiple system atrophy; prodromes; vascular contributions.

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

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

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

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

Focus, **Parkinson’s and Related Diseases**: Parkinson’s disease; Progressive supranuclear palsy; Dementia with Lewy bodies; multiple system atrophy; prodromes; vascular contributions.

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

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

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

**Information Webinar**
**June 14, 2018**, 1:00-2:00pm EDT  

**Application process**:  
The Weston Brain Institute letter of intent deadline is **August 1, 2018**.

**ROADS contact**: Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519.
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Medical Research Program (PRMRP): Grants

The DoD PRMRP has recently announced the following funding opportunities:

1) **Discovery Award**, the objective: to support innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications in at least one of the Topic Areas, pages 3-4 at [http://cdmrp.army.mil/funding/PA/FY18-PRMRP-DA.pdf](http://cdmrp.army.mil/funding/PA/FY18-PRMRP-DA.pdf). Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on a sound scientific rationale and study design. **Value**: $200,000 over 18 months  
**Application process**: The DoD pre-application deadline is **June 14, 2018**. The application deadline is **June 28, 2018**.

2) **Focused Program Award**, the objective: to optimize research and accelerate the solution for a critical question related to at least one of the Congressionally directed Topic Areas through a synergistic, multidisciplinary research program. **Topic Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/PA/FY18-PRMRP-FPA.pdf](http://cdmrp.army.mil/funding/PA/FY18-PRMRP-FPA.pdf)  
**Value**: $10 million over 4 years  
**Application process**: The DoD pre-application deadline is **June 19, 2018**.

**Announcement site**: [http://cdmrp.army.mil/funding/prmrp](http://cdmrp.army.mil/funding/prmrp)

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

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://www.nserc-crsng.gc.ca/NSERC-CRSNG/policies-politiques/Addendum-Addenda_eng.asp)

[http://nserc.ca/Professors-Professeurs/Grants-Subs/DG1GP-PSIGP_eng.asp](http://nserc.ca/Professors-Professeurs/Grants-Subs/DG1GP-PSIGP_eng.asp)
Webinars and Information Session

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

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
CANARIE: Call for Research Data Management Software

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

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

Eight themes were identified as priority areas:
- Enriching (Meta)Data and Discovery
- Federated Repositories/Interoperability
- Domain-specific Repositories
- Data Deposit and Curation
- Preservation
- Persistent IDs/Citability
- Data Access and Analytics
- Data Privacy and Security

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

https://www.canarie.ca/rdm/funding-information-rdm-call-1/

Value:
maximum $2.7 million over 18 months

There is no limit on individual funding requests. Funding will cover only labour costs for software development and related activities.


Application process:

The CANARIE application deadline is June 20, 2018.

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

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

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


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

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


**Value**: maximum $400,000 over 2 years  
**Application process**: The DoD pre-application deadline is **June 20, 2018**.

3) **Translational Team Science Award**, the objective: to support hypothesis-driven translational studies. The studies should be associated with a clinical trial and/or existing annotated biorepositories. The proposed project should focus on research for the next-phase clinical trial, or future clinical application.


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

4) **Career Development Award**, the objective: to support independent, early-career investigators to conduct impactful research with 1) the guidance of an experienced cancer researcher, 2) an emphasis on discovery.


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


**ROADS contact**:  
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Amyotrophic Lateral Sclerosis Research Program (ALSRP) – Grants

The DoD ALSRP has recently announced the following funding opportunities:

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

Examples of activities that will be supported by this award include:
- confirmation of candidate therapeutics obtained from screening or by other means, including optimization of potency and pharmacological properties, and testing of derivatives and sister compounds;
- validation of early pilot studies, including the use of multiple ALS model systems and/or replicating preliminary data, with more time points or additional doses;
- studies on formulation and stability leading to Good Manufacturing Practice production methods;
- IND-enabling studies to include compound characterization, absorption, distribution, metabolism and excretion studies, and dose/response and toxicology studies in relevant model systems.

Additional funding is being offered for the co-development of markers that will enhance the drug development process. Review **Therapeutically Relevant Marker Option**, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf)

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

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

Additional funding is being offered for the co-development of markers that will enhance the drug development process. Review **Therapeutically Relevant Marker Option**, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf)

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

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

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Bill & Melinda Gates Foundation, Grand Challenges, Ending the Pandemic Threat: Universal Influenza Vaccine Development Grand Challenge

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

The Foundation seeks to fund

- ideas that are bold and innovative that bring novel approaches into products ready for human clinical trials;

- interdisciplinary collaboration and cross-fertilization of ideas from outside the traditional influenza research community.


Value:

Pilot Awards, $250,000 up to $2 million USD over 2 years

Application process:
The Bill & Melinda Gates Foundation application deadline is June 22, 2018.

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


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


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


ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tick-Borne Disease Research Program (TBDRP) - Grants

The DoD TBDRP has recently announced the following funding opportunities:

1) **Career Development Award**, the objective: 1) to support independent, early-career investigators (i.e., within 10 years of completion of his/her terminal degree at the time of application), and 2) to conduct impactful research, with an emphasis on discovery, with the mentorship of an experienced tick-borne diseases researcher. review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-CDA.pdf)
**Value:** maximum $300,000 over a maximum 3 years
**Application process:** The DoD letter of intent deadline is **June 25, 2018**. The application deadline is **September 27, 2018**.

2) **Idea Award**, the objective: 1) to support conceptually innovative, high-risk/potentially high-reward research in the early stages of development that could lead to critical discoveries or major advancements 2) accelerate progress in improving outcomes for individuals affected by Lyme disease and/or other tick-borne illnesses. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IA.pdf)
**Value:** maximum $250,000 over a maximum 2 years
**Application process:** The DoD pre-application deadline is **June 25, 2018**.

3) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact studies that have the potential to make important contributions to Lyme disease and other tick-borne diseases research, patient care and/or quality of life. The award promotes a wide range of research from 1) basic through translational, including preclinical studies in animal models or human subjects, 2) correlative studies, associated with an existing clinical trial, to establish proof-of-principle for further development in future studies.
**Value:** maximum $650,000 over a maximum 3 years
**Application process:** The DoD pre-application deadline is **June 25, 2018**.

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

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

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

The DoD has recently announced the following MSRP funding opportunities:

1) **Investigator Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to MS research and/or patient care. The rationale for a research idea may be derived from laboratory discovery, clinical trial results, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data. Research projects may focus on any phase of research, excluding clinical trials.
**Value:** maximum $600,000 over 3 years

2) **Explorations-Hypothesis Development Award**, the objective: to support the initial exploration of innovative,
high-risk, high-gain, and potentially groundbreaking concepts in the MS research field. The proposed project
should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.
review Focus Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-MSRP-EHDA.pdf
Value: maximum $150,000 over 2 years

Announcement website: http://cdmrp.army.mil/funding/msrp

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

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

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

The DoD has recently announced the following LCRP funding opportunities:

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

The award encourages applications from independent investigators in the early stages of their careers (i.e.,
within 10 years of their first faculty appointment, or equivalent). Submissions from and partnerships with
investigators at DoD military treatment facilities and laboratories, and Department of Veterans Affairs medical
centers and research laboratories, are strongly encouraged.
Value: maximum $350,000 over 2 years
Application process: The DoD pre-application deadline is June 26, 2018.

2) Investigator Initiated Translational Research Award, the objective: to support translational research that
will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as
an integration of basic science and clinical observations. Observations that drive a research idea may originate
from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care.
review Areas of Emphasis, pages 3-4 and review a broad range of translational studies page 4 at
Value: maximum $400,000 over 2 years
Application process: The DoD pre-application deadline is June 26, 2018.

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

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

4) **Concept Award**, the objective: to support the exploration of a highly innovative, new concept, or untested theory that addresses an important problem relevant to lung cancer. Review *Areas of Emphasis*, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf

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

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

5) **Career Development Award**, the objective: to support early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher. Review *Eligibility*, page 8 at http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf


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

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

**Value:** maximum $250,000 over 2 years  
**Application process:** The DoD pre-application deadline is **September 6, 2018.** The application deadline is **September 26, 2018.**

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

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

**BrightFocus Foundation: Macular Degeneration Research Program**

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

https://www.brightfocus.org/grants/types-grants

**Value:** maximum $200,000 USD over 2 years
Application process: The BrightFocus Foundation letter of intent deadline is June 26, 2018.

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

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

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

Priority areas:

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

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

http://www.payequity.gov.on.ca/en/GWG/Pages/grant_program.aspx

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

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

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

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

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

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

The EJAF values programs that:

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

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

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

Only one application per organization will be accepted.

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

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

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

**Escher Fund for Autism: Grants**

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

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

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

2) *Intensive investigation of multi-hit families affected by autism and related neurodevelopmental disorders*, the objective: to support intensive investigation into exposure histories and characteristics of “multi-hit families” with three or more children (including half-siblings) affected by autism and related disorders.
The related disorders include but are not limited to attention deficit hyperactivity disorder, Aspergers, learning disabilities and intellectual disability, social-communication impairments, speech and language impairments, opositional defiant disorder, intermittent explosive disorder, mood disorders, anxiety, depression, schizophrenia spectrum and psychotic disorders.

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

Value: maximum 25,000

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

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

Partnership For clean competition (PCC): Research Grants and Micro-Grants

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

The PCC has recently announced the following funding opportunities:

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

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

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

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

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

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

ROADS contact: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Autism Research Program (ARP) – Grants

The DoD ARP has recently announced the following funding opportunity:

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

The DoD seeks applications from all areas of basic and preclinical research, and strongly encourages applications that address the critical needs of the ASD community.


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

**Value:** maximum $500,000 over a maximum 3 years

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

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto: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) **Idea Development Award**, the objective: to support new ideas that represent innovative approaches to prostate cancer research.


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

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

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

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

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

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

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

3) **Early Investigator Research Award**, the objective: to support prostate cancer-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors. review *Eligibility*, page 8 at [http://cdmrp.army.mil/funding/pa/FY18-PCRP-EIRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PCRP-EIRA.pdf)

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

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

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

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

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

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**Tinker Foundation Inc. Institutional Grants**

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

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

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

All projects must have a strong public policy component, offer innovative solutions to problems facing these regions, and incorporate new mechanisms for addressing these programmatic areas.

Activities may include but are not restricted to research projects, workshops, and conferences.

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

[https://www.tinker.org/content/institutional-grants](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
   review **Eligibility** at https://www.nationalgeographic.org/grants/eligibility/

2) **Exploration Grant**, the objective: to support experienced project leaders. The applicant and his or her team members are expected to demonstrate successful completion of similar projects with measurable and/or tangible results.
   **Value:** $10,000 - $30,000, maximum 1 year
   https://www.nationalgeographic.org/grants/preparing-your-proposal/

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

announcement website: https://www.nationalgeographic.org/grants/grant-opportunities/

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants
The DoD TSCRP has recently announced the following funding opportunities:

1) **Exploration Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field. The studies are expected to generate preliminary data for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.
   
   
   **Value**: maximum $100,000 over a maximum 2 years
   
   **Application process**: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

2) **Idea Development Award**, the objective: to support 1) ideas that have the potential to yield high-impact findings and new avenues of investigation, 2) conceptually innovative research that could ultimately lead to critical discoveries in TSC and/or improvements in patient care. Research projects should include a well-formulated, testable hypothesis based on strong preliminary data and scientific rationale.
   
   
   **Value**: maximum $450,000 over a maximum 3 years
   
   **Application process**: The DoD pre-application deadline is **July 11, 2018**. The application deadline is **August 2, 2018**.

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

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

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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.

   review *Topics of Special Interest*, page 4 at http://cdmrp.army.mil/funding/pa/FY18-GWIRP-IIFRA.pdf

   In FY2017, the GWIRP awarded infrastructure support for a GWI Biorepository. The “*Boston Biorepository, Recruitment, and Integrative Network for GWT*” has now been established for the retention and distribution of biospecimens and/or data related to GWI research. Applicants to the FY18 GWIRP are encouraged to contribute biospecimens and data to this repository network.

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

   **Value:**
   - **Tier 1 – Discovery**, maximum $250,000 over 2 years; **Discovery with Biorepository Contribution Option**: $266,000
   - **Tier 2 – Applied Research**, maximum $700,000 over 3 years; **Applied Research with Biorepository Contribution Option**: $716,000

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

   Observations that drive a research idea may be derived from basic discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data.

   review *qualitative research topics and outcomes/educational materials*, page 4 at http://cdmrp.army.mil/funding/pa/FY18-GWIRP-QRA.pdf

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

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

**Application process:**

The DoD pre-application deadline is **July 13, 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.


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

Value:
maximum $30,000 for 1 year

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

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

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

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

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

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

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

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

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

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

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

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

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

**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 viscavr1@mcmaster.ca or extension 24519

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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:

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

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscavr1@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. 

   **Value**: maximum $600,000; **Optional Nested Early-Career Investigator** an additional $200,000 over 3 years

   **Application process**: The DoD pre-application deadline is **July 25, 2018**. The application deadline is **August 8, 2018**.

2) **Omics Consortium Development Award**, the objective: to support a multi-institutional research effort conducted by leading ovarian cancer researchers and consumer advocates that specifically focuses on the compilation of new and/or use of existing, large datasets to study the origin of ovarian cancer disease, with an emphasis on early detection and screening.

   The research team must include 1) at least one Early-Career Investigator who is within 5 years of his/her last postdoctoral research position (Ph.D.), clinical fellowship (M.D.), or equivalent, 2) at least one ovarian cancer consumer advocate, and 3) at least one Epidemiologist/Public Health Expert.

   **Value**: maximum $400,000 over 2 years

   **Application process**: The DoD pre-application deadline is **July 25, 2018**. The application deadline is **August 8, 2018**.

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

   **Value**: maximum $725,000 over 4 years; Designated Mentor, $30,000 per year

   **Application process**: The DoD pre-application deadline is **July 25, 2018**. The application deadline is **August 8, 2018**.

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

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

The DoD NFRP has recently announced the following funding opportunities:

1) **Exploration-Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in NF research. Innovative research may introduce a novel paradigm, challenge existing paradigms, examine existing problems from novel perspectives, or exhibit other highly creative qualities. All studies are expected to lay the groundwork for future avenues of scientific investigation. The presentation of preliminary and/or published data is encouraged, but not required. Review **Areas of Emphasis**, pages 3-4 at [http://cdmrp.army.mil/funding/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 site: [http://cdmrp.army.mil/funding/nfrp](http://cdmrp.army.mil/funding/nfrp)

**ROADS contact**: Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
Harry Frank Guggenheim Foundation: Research Grants

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

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

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

http://hfg.org/

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

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

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

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

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

All initiatives must meet the following criteria:

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

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

Value:
Requests of up to $4,500 will be considered for 2018.
Application process:
The Conserver Society of Hamilton and District Inc. notice of interest deadline is August 30, 2018.

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

John Templeton Foundation: Grants

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

Core Funding Areas:

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

The Foundation has announced two grant types: Small; Large

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

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

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

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. [https://louisville-institute.org/programs-grants-and-fellowships/grants/pastoral-study-project/](https://louisville-institute.org/programs-grants-and-fellowships/grants/pastoral-study-project/)
   **Value**: maximum $15,000 for a maximum of 18 months
   **Application process**: The Louisville Institute application deadline is September 1, 2018.

2) **Project Grant for Researchers**, the objective: to support research, reflection, and writing by academics and pastors concerning Christian faith and life, the practice of ministry, and/or religious institutions. Acceptable projects include those that may involve independent study, consultations, or collaborative projects involving pastors and academics [https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/](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/](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). [https://louisville-institute.org/programs-grants-and-fellowships/grants/first-book-grant-for-minority-scholars/](https://louisville-institute.org/programs-grants-and-fellowships/grants/first-book-grant-for-minority-scholars/)
   **Value**: maximum of $40,000 for a maximum of one year.
   **Application process**: The Louisville Institute application deadline is January 15, 2019.

ROADS contact:
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

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

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

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

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

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

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

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

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

**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

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**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.


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

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

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

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

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

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

http://westonbraininstitute.ca/wp-content/uploads/CT18-Program-Details-v05.pdf and
http://westonbraininstitute.ca/early-phase-clinical-trials-canada/

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

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

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

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

The objective of the **International & Interdisciplinary Research Workshops** is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are 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/](https://www.cifar.ca/assets/researchworkshops/)

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

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

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

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

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

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

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

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

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