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• Burroughs Wellcome Fund: Collaborative Research Travel Grants – Application deadline February 1, 2018

• The Lung Association – Ontario, Ontario Respiratory Care Society (ORCS): ORCS Research Grant – Application deadline February 1, 2018

• Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges – (approximate) Application deadline May 14, 2018

Previously announced:

• Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply by October 24, 2017; Application deadline December 15, 2017

• McMaster University, Faculty of Engineering, McMaster.AI: Workshop – November 29, 2017

• Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1 – Letter of Intent deadline December 4, 2017

• Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging – Letter of Intent deadline December 7, 2017

• Québec Consortium for Drug Discovery (CQDM): Quantum Leap – Phase 1 Application deadline December 8, 2017

• Ontario Brain Institute: Event Funding Program – Application deadline December 15, 2017

• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Kidney Cancer Research Program (KCRP): Awards (Grants) – Pre-application deadline December 20, 2017; Application deadline January 4, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY17 Lupus Research Program (LRP): Awards (Grants) – Pre-application deadline December 21, 2017; Application deadline January 4, 2018

• The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA – Application deadline December 31, 2017

• Tinker Foundation Incorporated: Institutional Grants - Letter of Inquiry deadline January 29, 2018; Application deadline March 1, 2018

• Graham Foundation: Grants to Organizations – Notify ROADS of Intent to Apply by January 29, 2018;
Application deadline February 25, 2018

- World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019 – Application deadline February 12, 2018

- Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program – Applications are accepted at all times.

- Shastri Indo-Canadian Institute: Grants – Applications are open submissions

- Weston Brain Institute, Early Phase Clinical Trials: Canada – Letter of Intent is accepted on a rolling basis.

- Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.

- Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award – Applications are accepted on a rolling basis.

- Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.

McMaster Institute for Research on Aging (MIRA), Call for Participation: MIRA Working Group

The MIRA is in the process of developing two major, multi-year research programs that will bring together interdisciplinary teams of researchers, along with end users, to advance research in mobility and aging in two broad topic areas: 1) Technology, Environment and Mobility; 2) Exercise, Nutrition and Mobility.

Each program of research will a) be led by a working group, b) include multiple, interrelated projects, c) develop and submit a proposal for funding to the MIRA. All proposals will be vetted and reviewed by the MIRA International Scientific Advisory Committee.

http://mira.mcmaster.ca/

Researchers from all Faculties are encouraged to attend one or both brainstorming sessions:

1) Technology, Environment and Mobility: November 20, 2017, 12:00 – 4:00pm.
Register at:
https://docs.google.com/forms/d/e/1FAIpQLScPddcH1iPFN_isDh2ir2Bw_vtjRggAMmbTXDeDESNJq68h_w/viewform

2) Exercise, Nutrition and Mobility: November 21, 2017, 9:00am - 12:30pm
Register at:
https://docs.google.com/forms/d/e/1FAIpQLSc9w4zzolGFgIcQ7gpJOhqn8eInfZBF5m_gPUe4MlppxKkMQ/viewform
Contact:
Audrey Patocs, Research Coordinator, MIRA, McMaster Innovation Park, patocsae@mcmaster.ca, extension 22877

When registering, please email your completed version of the Researcher Landscape Map to the contact above. Additional information will be forwarded to registered attendees in advance of the sessions.

Canadian Institute for Advanced Research (CIFAR): Global Call for Ideas, Second Call

The objective of the Global Call for Ideas is to invite the global research community to 1) maintain research interactions and engagement through interdisciplinary research networks, 2) shape new perspectives, 3) spark ground-breaking ideas and take intellectual risks, 4) submit proposals for new programs that address complex, fundamental questions of importance to the world.

Ideas must be novel, bold and potentially transformative to warrant the creation of a long-term, multi-disciplinary and collaborative research program.

Value:
CIFAR supports research in two ways:

1) CIFAR brings researchers from across the world together for face-to-face collaboration;
2) CIFAR Fellows receive support on an individual basis for a 5 year period.

The program is only renewed if it is deemed to be transforming fields of study, and if it has charted out an ambitious collaborative research question for the next five years.

The support can be used quite flexibly – for teaching load adjustments, student stipends and postdoctoral fellow support, amongst other uses consistent with the requirements of the researcher’s department and/or university. CIFAR will develop the budget once a program has been approved.

CIFAR does not fund infrastructure or pre-existing research programs.

https://www.cifar.ca/assets/cifar-global-call-for-ideas/

Application process:

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


The objective of the Operating Grant is to support fundamental, early translational, and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating the disease.

https://www.societederecherchesurlecancer.ca/en/researchers/operating-grants
Value:
$60,000 per year for 2 years

Application process:
The Cancer Research Society letter of intent deadline is December 5, 2017.

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

Canadian Cancer Society (CCS): Grants

The CCS has recently announced the following funding opportunities:

1) **Innovation Grants**, the objective: to support innovative, unconventional concepts, approaches or methodologies to address problems in cancer research. Innovation projects will include elements of creativity, curiosity, investigation, exploration and opportunity. Successful projects may be based on high risk ideas and have the potential for high reward. There is funding available for a meritorious application focused on uterine cancer. Applications are encouraged in this area.

2) **Innovation to Impact Grants**, the objective: to support the further development of significant findings in cancer research based on the goals originally explored through a funded CCS Innovation Grant, or an eligible Canadian Breast Cancer Foundation (CBCF) grant. Only investigators with a funded Innovation Grant, or a CBCF grant with a project end date between January 1, 2015 and July 31, 2018 are eligible for this program.

Value:
**Innovation**: up to $100,000 per year, maximum $200,000 per grant.
Grant expenditures may be extended over 3 years.
The funds support the direct costs of research including supplies, salaries and equipment (equipment requests cannot exceed 25% of the requested budget).

**Innovation to Impact**: up to $150,000 per year, maximum 3 years
The funds support the direct costs of research including supplies, salaries and equipment. The equipment requests should not exceed $50,000 of the requested budget, however, an increase in this portion of the budget will be considered as an exceptional case if the application involves the development of a technology, or a platform that requires specific equipment to do so.

Application process:
**Innovation**: The CCS abstract registration deadline is December 15, 2017. The application deadline is March 29, 2018.
**Innovation to Impact**: The CCS abstract registration deadline is December 15, 2017.

The objective of the MTRF Competition is to support high quality and rigorous research in massage therapy. Eligible research topics include, but are not limited to:

1) Massage therapy effectiveness, efficacy and safety;
2) Access to and delivery of massage therapy services;
3) Professionalization of massage therapy;
4) Massage Therapy competencies and competency assessment;
5) Evaluation of massage therapy practice.

http://www.mtrf.ca/

Value: maximum $40,000 per project
The research project must not take longer than 2 years from the date the grant is released.

Application process: The application deadline is December 18, 2017.

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY17/18 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP): Peer Support Program (PSP) Translational Research Award

The objective of the PH/TBIRP PSP Translational Research Award is to support examinations of efficacy and effectiveness of peer-to-peer support interventions to 1) translate and integrate content into the everyday routines of Service members, 2) enhance psychological health readiness, 3) mitigate negative behavioral health issues including suicide behaviors.

The interventions should a) leverage public health paradigms (e.g., the social-ecological model, behavior change theory and adult learning theory), b) be sensitive to the time and contextual constraints associated with occupation and lifestyle. Interventions that include an electronic or virtual component will be considered, however, applicants must demonstrate that such components will ensure the interventions are interactive and engaging.

Considerations such as how peer-to-peer support would accommodate military culture including varied ranks and structure, gender, and occupation requirements should be taken into account.
Value:
maximum $3 million over 3 years

Application process:
The DoD pre-application (letter of intent) deadline is **January 5, 2018**. The application deadline is **January 19, 2018**.

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

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**Crohn’s and Colitis Canada: 2018 Innovations in IBD Research Competition**

The objective of the *Innovations in IBD Research Competition* is to stimulate and support novel or innovative approaches to inflammatory bowel disease. Funding is available for projects that 1) are deemed scientifically excellent, 2) will refine hypotheses and/or produce preliminary data that will help seed larger projects, 3) have the potential to improve diagnosis, therapy, or prevention of IBD.


Value:
maximum $50,000 for 1 year

Application process:
The Crohn’s and Colitis Canada application deadline is **January 19, 2018**.

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

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**Genome Canada: Bioinformatics and Computational Biology Funding Competition (B/CB)**

Ontario Genomics has recently announced an upcoming Genome Canada funding opportunity for *Bioinformatics and Computational Biology (B/CB)* to be launched in December, 2017.

The objective of the B/CB is to 1) support the development of next generation B/CB tools and methodologies needed to manage, analyze and integrate complex data sets, produced by modern genomics technologies, to better understand the associated biology; 2) provide broad and timely access of the B/CB tools to the research community.

This opportunity is aimed at supporting research projects that address any aspect of bioinformatics and computational biology, as it relates to genomics across all of Genome Canada’s sectors.
Focus:

**Stream 1:** proposals mainly impacting the human health sector;

**Stream 2:** proposals mainly impacting one or more sectors - agriculture, aquaculture/fisheries, forestry, energy, mining and/or environment.


**Value:**
$500,000 - $1 million per project (total) up to 3 years
Co-funding: 50% from Genome Canada + 50% from other eligible sources (1:1)

**Application process:**
Ontario Genomics registration deadline is **January 31, 2018.** The application deadline to be determined.

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

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**Academy of Motion Picture Arts and Sciences: Academy Film Scholars**

The objective of the Academy Film Scholars is to support new English-language projects that address cultural, educational, historical, theoretical or scientific aspects of theatrical motion pictures.

The Academy seeks to:

1) promote diversity;
2) bridge the opportunity divide;
3) attract and engage broad new audiences for theatrical motion pictures;
4) provide a platform for underrepresented artists, the full range of film genres, and a variety of viewpoints and approaches;
5) encourage filmmaking as a vocation;
6) illuminate less visible aspects of filmmaking and the film industry through scholarly research, presentations and discussions.

http://www.oscars.org/education-grants/academy-film-scholars

**Value:**
$25,000
Applicants provide a timetable for completing the project.

**Application process:**
The Academy of Motion Picture Arts and Sciences application deadline is **January 31, 2018.**

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

The Parkinson Canada Research Program funds research into the 1) cure, cause, progression, improved treatment and/or understanding of Parkinson’s disease, 2) related disorders including Multiple System Atrophy, Progressive Supranuclear Palsy, other Parkinson’s conditions, 3) impact these diseases have on society.

Parkinson Canada has recently announced the following funding opportunities:

1) **Pilot Project Grants**, the objective: to foster novel, high-potential projects and ideas with a trajectory for major grants with larger granting institutions.

*Targeted Competition: Progressive Supranuclear Palsy (PSP)*, 1 Pilot Project Grant available.

2) **New Investigator Award**, the objective: to support junior faculty in the first 5 years of their career as a research scientist in Canada.

[https://parkinsoncan.fluidreview.com/](https://parkinsoncan.fluidreview.com/)

**Value:**

**Pilot Project**: maximum $50,000 for 1 year

Funds granted through the Pilot Project Program will comprise 25-50% of the total amount of funds granted under the Program.

**New Investigator**: maximum $45,000 per year for 2 years

**Application process:**

The Parkinson Canada application deadline is **February 1, 2018**.

**ROADS contact:**

Virginia Viscardi, Senior Advisor, at **viscardv1@mcmaster.ca** or extension 24519

Burroughs Wellcome Fund: Collaborative Research Travel Grants

The objective of the **Collaborative Research Travel Grant** is to support Ph.D. travel to acquire new interdisciplinary research techniques.

The grant must be used for domestic or international travel to another lab to learn new research techniques, or begin, or continue a collaboration to address biomedical questions. All proposals must be cross-disciplinary. Proposals from biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer are encouraged to apply.

[https://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants](https://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants)

**Value:**

maximum $15,000
Travel cannot extend beyond December 31, 2019.

**Application process:**
The Burroughs Wellcome Fund application deadline is **February 1, 2018**.

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

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**The Lung Association – Ontario, Ontario Respiratory Care Society (ORCS): ORCS Research Grant**

The objective of the **ORCS Research Grant** is to promote research regarding any field of acute or chronic lung disease. The research may include investigation of any phenomenon pertinent to illness assessment, management, or response of the individual with a respiratory condition. The research may also be aimed at health promotion, education, and prevention issues. Studies may use quantitative or qualitative methodologies.

The established focus areas include: 1) Asthma; 2) Air Quality; 3) Smoking-related lung disease.

https://lungontario.ca/research/apply/

**Value:**
Applicants are required to submit a budget for 1 year.

**Application process:**
The ORCS application deadline is **February 1, 2018**.

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

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**Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges**

The objective of the **Misk Grand Challenges** is to offer 100 young innovators a grant to develop their ingenious ideas into a concrete proof of concept. The proposed solutions must target people under age 30, in addition to any specific criteria mentioned in individual challenges.

**Focus:**


http://miskgrandchallenges.org/challenges.html

**Value:**
Awards total $100,000 USD each, provided over 2 years, with an opportunity to apply for follow-on funding.
Application process:
The first application window opens November 14, 2017 and will be open for six months. The Misk Foundation application deadline is May 2018. (the approximate deadline, May 14, 2018) Additional information to follow. http://miskgrandchallenges.org/challenges.html.

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

Previously announced:

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

SSHRC is now accepting applications for the Partnership Engage Grants competition. The grant is expected to respond to the objectives of the SSHRC Insight and the SSHRC Connection programs. (review Insight Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programmes-programme_cadre/insight-savoir-eng.aspx; review Connection Program at http://www.sshrc-crsh.gc.ca/funding-financement/umbrella_programmes-programme_cadre/connection-connexion-eng.aspx)

Both Programs provide short-term and timely support for partnered research activities, that will inform decision-making at a single partner organization from the public, private, or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through the Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations, in non-academic sectors.

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


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

Application process:
Notify ROADS of intent to apply by October 24, 2017. The initial draft of the application and letters of support are due to ROADS by November 23, 2017. The final draft and a completed and signed Application Approval Form are due to ROADS by December 7, 2017. The SSHRC application deadline is December 15, 2017. (also March 15, 2018 and June 15, 2018)
ROADS contact:
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

McMaster University, Faculty of Engineering, McMaster.AI: Workshop

The McMaster Faculty of Engineering is hosting an *Artificial Intelligence (AI) Workshop* to discuss the current and future impact of AI as it relates to society, industry, academia, and policy-making. The full-day workshop will feature invited speakers and panelists from McMaster University, Queen’s University, and members of the Ontario private sector. A reception and research showcase will follow.

**Event**
**November 29, 2017, 9:00am-5:00pm**
Reception: 5:00-6:30pm
McMaster Innovation Park, Conference Room BCD
Register at: [http://macai.mcmaster.ca/](http://macai.mcmaster.ca/) (and review *About AI* and Speakers)

**Contact:**
Sarah Anstett, Research Support Coordinator, Faculty of Engineering, anstets@mcmaster.ca, extension 27129

Weston Brain Institute, Rapid Response: Canada 2018, Parkinson’s & Related Diseases – Round 1

The objective of this Call is to provide seed funding for novel, high-risk, high-reward translational research to accelerate the development of safe and effective treatments for neurodegenerative diseases of aging.

*Parkinson’s & Related Diseases* include: 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 a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.

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 November 2017).

[http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

**Program Information Webinar**
The Weston Brain Institute hosted a Program Information Webinar on October 10, 2017. (registration [https://register.gotowebinar.com/register/4497947423299780098](https://register.gotowebinar.com/register/4497947423299780098))

**Value:**
maximum $200,000 over a maximum 18 months
**Application process:**
The Weston Brain Institute letter of intent deadline is **December 4, 2017**.

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

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**Weston Brain Institute, Transformational Research: Canada 2018, Neurodegenerative Diseases of Aging**

The objective of the *Transformational Research: Canada 2018* program is to 1) support translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging, 2) fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.


**Program Information Webinar**
The Institute held an online Program Information Webinar on October 25, 2017, at 1:00pm EDT. The session provided comprehensive information on the application process and an opportunity for open questions. Registration: [https://register.gotowebinar.com/register/5977228168556194819](https://register.gotowebinar.com/register/5977228168556194819)

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

**Application process:**
The Weston Brain Institute letter of intent deadline is **December 7, 2017**.

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

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**Québec Consortium for Drug Discovery (CQDM): Quantum Leap**

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

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

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


**Value:**
$500,000 to $2,000,000 for a minimum 1 year, maximum 3 years
Application process:
The CQDM phase 1 application deadline is **December 8, 2017**.

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

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**Ontario Brain Institute (OBI): Event Funding Program**

The objective of the **Event Funding Program** is to support initiatives that are compatible with the vision, goals and objectives of the OBI (review About OBI: Our Work at [http://braininstitute.ca/about-obi/our-work](http://braininstitute.ca/about-obi/our-work)).

An event may:

1) stimulate breakthroughs in brain research;
2) encourage translation of new discoveries to clinical practice;
3) facilitate connections among neurological charities, neuroscience researchers, and people living with brain disorders;
4) assist in the education and training of neuroscience researchers;
5) raise public awareness of brain disorders;
6) raise Ontario’s international profile in brain research and innovation.

[http://braininstitute.ca/programs-opportunities/event-funding-program](http://braininstitute.ca/programs-opportunities/event-funding-program)

**Value:**
maximum $5,000

**Application process:**
The OBI application deadline is **December 15, 2017**.

**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:**

FY17 Kidney Cancer Research Program (KCRP): Awards (Grants)

The DoD **KCRP** has recently announced the following funding opportunities:

1) **Consortium Development Award**: The award is a clinical trial infrastructure mechanism that provides support to 1) create a Coordinating Center, 2) establish collaborations with clinicians and scientists at potential Clinical Trial Sites, for the development of a multi-institutional kidney clinical effort, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.

The consortium must be a geographically dispersed coalition including a Coordinating Center and at least three Clinical Trial Sites.

Clinical infrastructure development includes, but is not limited to:
. establishing appropriate collaborations;
. outlining an administrative management plan;
. developing research management and communication plans;
. devising and implementing an intellectual property plan.
(.review http://cdmrp.army.mil/funding/ida/FY17-KCRP-CDA.pdf)

2) **Idea Development Award**: The award supports innovative ideas and high-impact approaches to eliminate kidney cancer. The research project must include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.
(.review *Areas of Emphasis*, page 3 at http://cdmrp.army.mil/funding/ida/FY17-KCRP-IDA.pdf)

3) **Concept Award**: The award supports 1) highly innovative, untested, potentially ground-breaking, novel concepts in kidney cancer, 2) high-risk studies and serendipitous observations that have the potential to reveal entirely new avenues for investigation, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public.
(.review http://cdmrp.army.mil/funding/ida/FY17-KCRP-CA.pdf)

4) **Translational Research Partnership Award**: The award supports partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in kidney cancer into clinical applications, relevant to active duty Service members, Veterans, other military beneficiaries, and the American public. Observations that drive a research idea may be derived from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patients and anecdotal data.
(.review http://cdmrp.army.mil/funding/ida/FY17-KCRP-TRPA.pdf)

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

**Value:**

*Consortium Development*: maximum $1 million over 2 years

*Idea Development*: maximum $400,000 over 3 years

*Concept*: maximum $75,000 over 1 year

*Translational Research Partnership*: maximum $600,000 over 3 years

**Application process:**
The DoD pre-application deadline is **December 20, 2017**. The application deadline is **January 4, 2018**.

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

**Department of Defense (DoD), Congressionally Directed Medical Research Programs:**

**FY17 Lupus Research Program (LRP): Awards (Grants)**

The DoD **LRP** has recently announced the following funding opportunities:

1) **Concept Award**: The award supports the exploration of 1) highly innovative new concepts or untested theories that address important problems relevant to lupus, and 2) high-risk studies that have the potential to reveal new avenues for investigation. The research completed through a Concept Award may generate sufficient
preliminary data to enable the Principal Investigator to prepare an application for future research. (review Focus Areas, page 3 at http://cdmrp.army.mil/funding/pa/FY17-LRP-CA.pdf)

2) **Impact Award**: The award supports the full spectrum of research projects or ideas that specifically focus on scientific and clinical lupus issues, which if successfully addressed, have the potential to make a major impact in lupus research. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. Inclusion of preliminary data is encouraged. (review Focus Areas, page 3 at http://cdmrp.army.mil/funding/pa/FY17-LRP-IA.pdf)

http://cdmrp.army.mil/funding/lrp

**Value:**

*Concept*: maximum $150,000 over 1 year

*Impact*: maximum $525,000 over 3 years

**Application process:**
The DoD pre-application deadline is **December 21, 2017**. The application deadline is **January 4, 2018**.

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

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**The Silverstein Foundation, Request for Proposals: Cell Therapies for Parkinson’s Disease with GBA**

The objective of the **Request for Proposals** is to support research that will study and develop cell transplant therapies for Parkinson’s Disease.

Specifically, the Foundation is seeking proposal applications for cell transplant therapies with disease modifying potential and/or the potential to significantly improve symptomatic treatment, beyond standard of care, in glucocerebrosidase (GBA) gene-related Parkinson’s Disease. (review Special Eligibility Criteria at https://silversteinfoundation.org/rfp/)

**Value:**

Applicants are required to submit a budget of both direct and indirect costs. Academic institutions may request up to 25% of direct costs.

**Application process:**
The Silverstein Foundation application deadline is **December 31, 2017**.

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

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**Tinker Foundation Incorporated: Institutional Grants**

The objective of the **Institutional Grant** is to support the creation of effective policy changes to improve the lives of Latin Americans.
The Board of Directors has identified three program areas in which focused, expert research and innovation has the potential to make significant positive impact:

1) **Democratic Governance** (review [http://www.tinker.org/content/democratic-governance](http://www.tinker.org/content/democratic-governance));
2) **Education** (review [http://www.tinker.org/content/education](http://www.tinker.org/content/education));
3) **Sustainable Resource Management** (review [http://www.tinker.org/content/sustainable-resource-management](http://www.tinker.org/content/sustainable-resource-management)).

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.

[http://www.tinker.org/content/institutional-grants](http://www.tinker.org/content/institutional-grants)

**Value:**
Applicants are required to submit an itemized annual budget for the cost of the project.

**Application process:**
The Tinker Foundation Incorporated letter of inquiry deadline is **January 29, 2018** (or earlier). The Foundation would appreciate receiving inquiries at least four weeks in advance of the application deadline to allow time for consultation with a program officer, and for proposal development.

The application deadline is **March 1, 2018**.

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

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**Graham Foundation: Grants to Organizations**

The objective of the **Grants to Organizations** is to:

1) assist with the production and presentation of significant programs regarding architecture and the designed environment, in order to promote dialogue, raise awareness, develop new and wider audiences;
2) support the organization in their effort to take risks in programming and create opportunities for experimentation;
3) recognize the vital role the organization plays in providing individuals with a public forum in which to present their work;
4) help the organization to realize projects that would otherwise not be possible without the Foundation’s support.

The Graham Foundation offers **Production and Presentation Grants** to organizations. The grants assist organizations with the production-related expenses that are necessary to take a project from conceptualization to realization, and public presentation. The projects include but are not limited to publications, exhibitions, installations, films, new media projects, conferences/lectures, and other public programs.
Projects must have clearly defined goals, work plans, budgets, production and dissemination plans.

An organization can only apply for one grant per year. Therefore, if ROADS receives more than one application by January 29, 2018, an internal selection committee will be established.

http://www.grahamfoundation.org/grant_programs/?mode=organization

**Value:**
maximum $30,000
Production and Presentation Grants must be completed within 2 years of the project start date.

**Application process:** Notify ROADS of intent to apply by January 29, 2018. The Graham Foundation application deadline is February 25, 2018.

**ROADS contact:**
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713

### World Wood Day Foundation (WWDF): Call for Proposals, WWDF Research Grant, 2018-2019

The WWDF is a US-based, non-profit organization that dedicates to raise public awareness of wood as 1) an eco-friendly material, 2) having a significant role in world history, 3) an opportunity for academic research, 4) a sustainable resource.

The objective of the [WWDF Research Grant](http://www.worldwoodday.org/2018/researchGrant) is to support projects that focus on "Wood and Culture". A historical perspective is particularly encouraged.

The WWDF supports interdisciplinary and integral investigation for exploring how wood has played a prominent role in human life. Current projects and new initiatives are applicable.

**Value:**
$12,000 USD

**Application process:**
The WWDF application deadline is February 12, 2018.

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

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

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

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

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

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

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

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

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

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

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

Shastri Indo-Canadian Institute (SICI): Grants

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

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

Application Process:
Applications can be submitted throughout the year.

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

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

Application Process:
Applications can be submitted throughout the year.

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

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

Application Process:
Applications can be submitted throughout the year.

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

Weston Brain Institute, Early Phase Clinical Trials: Canada

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

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

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

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

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

[https://www.cifar.ca/assets/researchworkshops/](https://www.cifar.ca/assets/researchworkshops/)

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

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

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

Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award

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

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

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

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

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

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

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

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

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

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

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