In this issue:

- **Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA):** 2017 OMAFRA New Directions Research Program, Call for Proposals – Northern Livestock – OMAFRA Pre-submission Consultation May 25, 2017; Application deadline July 12, 2017

- **Social Sciences and Humanities Research Council (SSHRC):** Connection Grants – Webinar May 30, 2017; Notify ROADS of Intent to Apply by June 9, 2017; SSHRC Application deadline August 1, 2017

- **Department of Defense, Congressionally Directed Medical Research Programs, FY17 Breast Cancer Research Program (BCRP):** Awards – Pre-application deadlines June 8, June 9, 2017

- **Department of Defense, Congressionally Directed Medical Research Programs, FY17 Amyotrophic Lateral Sclerosis Research Program (ALSRP):** Awards – Pre-application deadline June 9, 2017

- **Ontario Ministry of Research, Innovation and Science (MRIS):** Early Researcher Awards (ERA) Round 13: Notify Department Chair, Associate Dean Research and ROADS of Intent to Apply by June 14, 2017; MRIS Notice of Intent to Apply deadline July 7, 2017; MRIS Application deadline September 5, 2017

- **Department of Defense, Congressionally Directed Medical Research Programs, FY17 Ovarian Cancer Research Program (OCRP):** Awards – Pre-application deadlines June 14, June 21, 2017

- **Ontario Institute for Cancer Research (OICR), Cancer Therapeutics Innovation Pipeline (CTIP):** Request for Applications, RFA-CTIP-1718-01 – Registration deadline June 16, 2017

- **Department of Defense, Congressionally Directed Medical Research Programs, FY17 Multiple Sclerosis Research Program (MSRP):** Awards – Pre-application deadline June 26

- **Department of Defense, Congressionally Directed Medical Research Programs, FY17 Lung Cancer Research Program (LCRP):** Awards – Pre-application deadlines June 28, July 27, September 13, 2017

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

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

**Use Pivot to find a McMaster expert:** http://pivot.cos.com/profiles/main.

**Use Pivot to find an international expert:** http://pivot.cos.com/profiles/advanced_search.
• Higher Education Quality Council of Ontario (HEQCO): HEQCO Access and Retention Consortium 2.0 – Expression of Interest deadline June 30, 2017

• Human Toxicology Project Consortium, Call for proposals: Roadmaps to human biology-based disease research – Application deadline June 30, 2017

• Department of Defense, Congressionally Directed Medical Research Programs, FY17 Vision Research Program (VRP): Awards – Pre-application deadline July 12, 2017

• Department of Defense, Congressionally Directed Medical Research Programs, FY17 Bone Marrow Failure Research Program (BMFRP): Awards – Pre-application deadline July 13, 2017

• Hamilton Community Foundation: Edith H. Turner Foundation Fund – Application deadline September 8, 2017

Previously announced:

• University of Saskatchewan, Global Water Futures: Solutions to Water Threats in an Era of Global Change, Request for Proposals - Letters of Intent for Pillars 1 and 2 - Notify ROADS of Intent to Submit a Letter of Intent by May 1, 2017; Global Water Futures Letter of Intent deadline June 16, 2017

• Ontario Ministry of Education, Knowledge Network for Applied Education Research (KNAER): Call for Proposals – Learning and Leading for Equity Knowledge Network Phase 2 – Information Session May 9, 2017; Application deadline June 12, 2017

• Canadian Institutes of Health Research (CIHR) and the Natural Sciences and Engineering Research Council of Canada (NSERC): 2018 CIHR/NSERC Collaborative Health Research Projects (CHRP) Competition – Notify ROADS of Intent to Apply by May 12, 2017; CIHR Letter of Intent deadline June 6, 2017

• Higher Education Quality Council of Ontario (HEQCO): Social Media Scan of Ontario Student Assistance Program (OSAP) Perceptions, RFP Number: 17/18-RFP-002 – Questions or Clarifications to RFP deadline May 18, 2017; Application deadline June 15, 2017

• Mitacs Globalink: Mitacs Globalink Orientation Session – RSVP by May 26, 2017; Webinar June 1, 2017

• The Michael J. Fox Foundation (MJFF): MJFF Computational Science Awards – Pre-Proposal deadline May 31, 2017

• The Michael J. Fox Foundation: Grant Opportunities - Grant Opportunities - Pre-Proposal deadline May 31, 2017

• Hamilton Community Foundation: Grants – Application deadlines June 2, July 14, October 13, 2017
• Weston Brain Institute, Canada; Rapid Response 2017, Alzheimer’s and Related Diseases – Program Information Webinar June 12, 2017; Letter of Intent deadline July 5, 2017

• Natural Sciences and Engineering Research Council of Canada (NSERC) – Upcoming Webinars – June 13 - September 27, 2017

• Mitacs: Globalink Research Internship – Project deadline June 14, 2017

• Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA); New Directions Research Program, Honey Bee Health – Letter of Intent deadline June 28, 2017

• Statistics Canada: Biobank, Call for Research Proposals – Application deadline June 30, 2017

• Escher Fund for Autism, Germline-Borne Etiology of Autism and Dysregulated Neurodevelopment: The Question of Early Gamete Exposure to General Anesthesia – Letter of Interest deadline July 31, 2017

• Harry Frank Guggenheim Foundation: Research Grants – Application deadline August 1, 2017

• Spencer (Spencer Foundation): Small Research Grants and The New Civics – Application deadline August 1, 2017

• William T. Grant Foundation: Research Grants – Letter of Inquiry deadline August 2, 2017

• Tinker Foundation Incorporated: Institutional Grants – Letter of Inquiry deadline August 21, 2017; Application deadline September 15, 2017

• Conserver Society of Hamilton and District Inc: Ed Smee Fund – Notice-of-Interest deadline August 30, 2017

• The John Templeton Foundation: Small and Large Grant Program – Online Funding Inquiry deadline August 31, 2017


• William T. Grant Foundation: Institutional Challenge Grant – Application deadline September 12, 2017

• Wabash Center: Project Grants – Application deadline October 3, 2017

• The Michael J. Fox Foundation: Core Funding Programs – Core Funding Programs - Pre-Proposal deadline October 19, 2017

• Wenner-Gren Foundation: Post-Ph.D. Research Grants – Application deadline November 1, 2017

• 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.

Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2017 OMAFRA New Directions Research Program, Call for Proposals – Northern Livestock

The focus of this Call for Proposals is on the expansion of livestock production in Northern Ontario with a particular focus on the Great Clay Belt, specifically along the Highway 11 North corridor between Cochrane and Hearst.

Research will pertain to the environment, economics, and social understanding to support sustainable livestock farms in the Great Clay Belt. Research priority areas are:

1) Barriers to Establishment of Livestock Farms in the Clay Belt;
2) Changes in Soil Carbon and Greenhouse Gas Dynamics Through Land Conversion;
3) Baseline Soil and Water Data and how Dynamics Change Through Land Conversion.

Consultation
The OMAFRA will host a pre-submission Consultation on May 25, 2017, 10:00am-12:00 pm, 1 Stone Road West, Guelph. Conference Centre Room 1.
(review http://www.omafra.gov.on.ca/english/offices/ouroffices.html)

To register: Contact Tieghan Hunt (tieghan.hunt@ontario.ca) and indicate if you will join in-person or by webinar.

http://www.omafra.gov.on.ca/english/research/new_directions/ndresearchprogram.html

Value:
maximum $200,000 (includes a maximum of 25% indirect costs) up to 3 years

Application process:
The OMAFRA application deadline is July 12, 2017.

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

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 a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities.
Connection Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding. (review Subject Matter Eligibility at http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx).

Connection Grants support workshops, colloquia, 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.


Webinar
SSHRC is offering a webinar to provide information and answer questions regarding the Connection Grants. Webinar participants will have the opportunity to submit written questions via the webinar interface at any time during the presentations. No registration is required, so you can drop in at any time.

Webinar schedule

- **English**: Tuesday, May 30, 2017, 1:00 - 3:00pm (eastern)
- **French**: Wednesday, May 31, 2017, 1:00-3:00pm (eastern)

To join the webinar:

1. Click the following link, or copy and paste it into your web browser:
   - English: https://sshrc-crsh.adobeconnect.com/r60ab5vjgk9/
   - French: https://sshrc-crsh.adobeconnect.com/r9ih7b0v01n/
2. Type your name in the field provided.
3. Click “Enter Room” to join the webinar.

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- [Get a quick overview](https://sshrc-crsh.adobeconnect.com/r9ih7b0v01n/)
If you have questions regarding the webinars, please contact:
Email: connection@sshrc-crsh.gc.ca
Tel.: 613-943-1007

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 other sources (e.g., sponsors). 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:
The SSHRC application deadline is **August 1, 2017**.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Breast Cancer Research Program (BCRP): Awards

The DoD has recently announced the following BCRP award/grant opportunities:

1) *Era of Hope Scholar Award*, the objective: to support individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer (review [Eligibility, Principal Investigator (PI)](http://cdmrp.army.mil/funding/pa/FY17_BCRP_EOH_PA.pdf)). The PIs should be 1) exceptionally talented scientists who have shown they are the “best and brightest” in their field(s) through extraordinary creativity, vision, innovation and productivity, 2) should have demonstrated experience in forming effective partnerships and collaborations, 3) should have exhibited strong potential for future leadership in breast cancer. (review [Overarching Challenges](http://cdmrp.army.mil/funding/pa/FY17_BCRP_EOH_PA.pdf), pages 3-4)

2) *Breakthrough Award Levels 1 and 2*, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer. The critical components of this award are impact and research scope.

*Scope of research projects, Funding Level 1*: Innovative, high-risk/high-reward research that is in the earliest stages of idea development with potential to yield new avenues of investigation. Proof of concept. No preliminary data required.

*Scope of research projects, Funding Level 2*: Research that is already supported by preliminary data and has potential to make significant advancements toward clinical translation. (review [Overarching Challenges](http://cdmrp.army.mil/funding/pa/FY17_BCRP_EOH_PA.pdf), pages 3-4)
3) **Breakthrough Award Levels 3 and 4**, the objective: to support promising research that has high potential to lead to or make breakthroughs in breast cancer. The critical components of this award are impact and **research scope**.

**Scope of research projects, Funding Level 3**: Advanced translational studies that have potential for near-term clinical investigation. Small-scale clinical trials may apply.

**Scope of research projects, Funding Level 4**: Large-scale projects that will transform and revolutionize the clinical management and/or prevention of breast cancer. Near-term clinical impact is expected. Human clinical testing is required. Principal Investigators are expected to have experience in successfully leading large-scale projects. (review **Overarching Challenges**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17_BCRP_BTA_3_4_PA.pdf](http://cdmrp.army.mil/funding/pa/FY17_BCRP_BTA_3_4_PA.pdf))

4) **Innovator Award**, the objective: to support 1) **visionary individuals** who have demonstrated exceptional creativity, innovative work and paradigm-shifting leadership in any field including, but not limited to, breast cancer, 2) novel, visionary, high-risk ideas that could accelerate progress to ending breast cancer. (review **Overarching Challenges**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17_BCRP_INNOV_PA.pdf](http://cdmrp.army.mil/funding/pa/FY17_BCRP_INNOV_PA.pdf))

5) **Distinguished Investigator Award**, the objective: to enable established, visionary leaders from any field to pursue innovative ideas that could accelerate progress toward ending breast cancer. The Principal Investigators should be 1) exceptionally talented researchers who have shown they are leaders in their field(s) through extraordinary creativity, vision, and productivity, 2) should have a renowned reputation as a researcher who has made groundbreaking contributions to advancing his/her field, 3) should have demonstrated success at forming and leading effective partnerships and collaborations, 4) should demonstrate the potential to make unique and significant advances in breast cancer support. (review **Overarching Challenges**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17_BCRP_DIA_PA.pdf](http://cdmrp.army.mil/funding/pa/FY17_BCRP_DIA_PA.pdf))

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

**Value**:  
1) **Era of Hope Scholar Award**: maximum, $2.5 million over 4 years;  

2) **Breakthrough Award Levels 1 and 2**:  
   - **Level 1**: maximum $600,000 over 3 years;  
   - **Level 2**: maximum $750,000 over 3 years; **Level 2 with Partnering PI Option**: maximum $1 million over 3 years;  

3) **Breakthrough Award Levels 3 and 4**:  
   - **Level 3**: maximum $2.5 million over 4 years; **Level 3 with Partnering PI Option**: maximum $4 million over 4 years;  
   - **Level 4**: maximum $10 million over 4 years;  

4) **Innovator Award**: maximum 5 million over 4 years;  

5) **Distinguished Investigator Award**: maximum 3 million over 4 years.

**Application process**:  
The DoD pre-application deadline for the **Era of Hope Scholar Award** and the **Breakthrough Award Levels 1 and 2** is June 8, 2017.
The pre-application deadline for the *Breakthrough Award Levels 3 and 4, Innovator Award* and the *Distinguished Investigator Award* is June 9, 2017.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Amyotrophic Lateral Sclerosis Research Program (ALSRP): Awards**

The DoD has recently announced the following ALSRP award/grant opportunities:

1) **Therapeutic Development Award**, the objective: to support innovative, preclinical research to promote the development of new treatments that may contribute to a cure for ALS. The award supports a wide range of development activities ranging from validation of therapeutic leads to U.S. Food and Drug Administration Investigational New Drug application submission (review *Examples of Activities*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY17_ALSRP_TDA_PA_GG.pdf](http://cdmrp.army.mil/funding/pa/FY17_ALSRP_TDA_PA_GG.pdf)). The proposed studies are expected to be empirical in nature and product-driven. Applications supported by this award must begin with lead compounds in hand.

2) **Therapeutic Idea Award**, the objective: to support innovative, preclinical research to promote the development of new treatments that may contribute to a cure for ALS. The award is designed to promote new ideas aimed at drug or treatment discovery that are still in the early stages of development. Development, modification, and/or validation of preclinical model systems, or the application of high-throughput screens to define or assess lead compounds for ALS treatment, are of interest. Parallel development of methods to measure either target binding or proximal downstream effects (target engagement), and the potential for undesirable activities at related but unintended targets (selectivity), are encouraged. (review [http://cdmrp.army.mil/funding/pa/FY17_ALSRP__TIA_PA_GG.pdf](http://cdmrp.army.mil/funding/pa/FY17_ALSRP__TIA_PA_GG.pdf))

[http://cdmrp.army.mil/funding/alsrp]

**Value:**
1) **Therapeutic Development Award**: maximum $1 million over 2 years;
2) **Therapeutic Idea Award**: maximum $500,000 over 2 years.

**Application process:**
The DoD pre-application deadline is June 9, 2017.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

**Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards (ERA) Round 13**

The objective of the *ERA* is to support promising recently-appointed Ontario researchers, from all disciplines, to build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

All applicants must 1) have a strong history of peer-reviewed funding, 2) be able to demonstrate academic
independence from previous supervisors, 3) demonstrate the benefits of their proposed research to Ontario. (review Eligibility at https://www.ontario.ca/page/early-researcher-awards#section-1)

Proposals are evaluated on the excellence of the researcher (40%), the quality of the research (30%), the development of research talent (20%), and the strategic value for Ontario (10%).

All applicants are required to meet with their Department Chair and Associate Dean Research to review their CV, and secure matching funds. Eligible sources of matching funds include:

a) cash contributions from your Department or Faculty;
b) university scholarships to undergraduates, graduate students and post-doctoral fellows;
c) private sector cash contributions;
d) public sector cash contributions that are not among the list of ineligible sources of matching funds.

Ineligible sources of matching funds include:

a) teaching assistantships;
b) start-up funds from the institution intended to assist newly-appointed faculty members launch their research careers;
c) awards administered by federal granting councils, for example, the Natural Sciences and Engineering Research Council (NSERC), Canadian Institutes of Health Research (CIHR), and the Social Sciences and Humanities Research Council (SSHRC);
d) specific purpose grants received from Ontario government ministries and agencies, and funds leveraged by such grants;
e) Ontario graduate scholarships;
f) Ontario graduate fellowships.

https://www.ontario.ca/page/early-researcher-awards

Value:
Each award is a maximum $100,000 over 5 years.

The funds may be used for salaries, benefits, and research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians. In addition, up to $40,000 will be provided by the MRIS to the institution for indirect costs.

The award of $100,000 for direct costs must be matched by an additional $50,000 in cash from the researcher’s institution and/or a private or public sector partner.

Application process:
Notify your Department Chair, Associate Dean Research, and copy Sherisse Webb, Assistant Director, Development, ROADS, at webbsh@mcmaster.ca by June 14, 2017.

MRIS requires that all applicants submit a Notice of Intent to Apply (NOI) and a signed matching funds letter through ROADS. The draft NOI and signed matching funds letter are due to ROADS by July 5, 2017.

The MRIS NOI deadline is July 7, 2017. The application deadline is September 5, 2017.

ROADS contact:
Sherisse Webb, Assistant Director, Development, ROADS, at webbsh@mcmaster.ca or 26946
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Ovarian Cancer Research Program (OCRP): Awards

The DoD has recently announced the following OCRP award/grant opportunities:

1) **Pilot Award**, the objective: to support the exploration of innovative concepts or theories in ovarian cancer that could ultimately lead to critical discoveries, or major advancements that will drive the field forward. The proposed research must demonstrate a clear focus on ovarian cancer (e.g., using tissues, cell lines, datasets, or appropriate animal models). (review *Areas of Encouragement*, page 3 at http://cdmrp.army.mil/funding/pa/FY17-OCRP-PA.pdf)

2) **Clinical Development Award**, the objective: to accelerate the clinical introduction of medical products and technologies that target ovarian cancer biology. 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. Small-scale clinical trials (Phase 0, Phase 1, Pilot), studies enriching a clinical trial, and projects related to or associated with ongoing or completed clinical trials, are allowed. Relevant data either published or unpublished that support the study rationale are required. (review *Areas of Encouragement*, page 3 at http://cdmrp.army.mil/funding/pa/FY17-OCRP-CDA.pdf)

3) **Investigator-Initiated Research Award**, the objective: to support high-impact research that has the potential to make an important contribution to ovarian cancer or patient/survivor care. Research projects may focus on any phase of research from basic laboratory research through translational research, excluding clinical trials. Applications must include preliminary data. (review *Areas of Encouragement*, page 3 at http://cdmrp.army.mil/funding/pa/FY17-OCRP-IIRA.pdf)

4) **Ovarian Cancer Academy Award – Early Career Investigator**, the objective: to develop successful, highly productive ovarian cancer researchers in a collaborative research, career development, and research training platform. This funding opportunity is soliciting additional Early-Career Investigators to join the existing Ovarian Cancer Academy that consists of Early-Career Investigators and their Designated Mentors from different institutions, and an Academy Dean and Assistant Dean. (review *Eligibility* and *Designated Mentor*, pages 6-7 at http://cdmrp.army.mil/funding/pa/FY17-OCRP-OCA.pdf) Ovarian cancer projects may be basic, translational, and/or clinical research (clinical trials are not allowed). Preliminary data is required.

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

**Value:**

1) **Pilot Award**: maximum $250,000 over 2 years;
2) **Clinical Development Award**: maximum $600,000 over 3 years; Optional Early-Career Investigator: an additional $200,000
3) **Investigator-Initiated Research Award**: maximum $450,000 over 3 years
4) **Ovarian Cancer Academy Award**: maximum $725,000 over 4 years (the maximum allowable funding for the Designated Mentor is $30,000 per year in direct costs).

**Application process:**

The DoD pre-application deadline for the **Pilot Award** is June 14, 2017. The pre-application deadline for the **Clinical Development Award, Investigator-Initiated Research Award** and the **Ovarian Cancer Academy Award** is June 21, 2017.
Ontario Institute for Cancer Research (OICR), Cancer Therapeutics Innovation Pipeline (CTIP): Request for Applications, RFA-CTIP-1718-01

The OICR has established the **CTIP** to capitalize on Ontario’s expertise in cancer biology and drug discovery.

The objective of the CTIP is to support the translation of Ontario discoveries into therapeutic assets with the potential for improving the lives of cancer patients. The CTIP will support projects that aim to provide increasing evidence of target validation using functional assays and drug screening in relevant *in vitro*, and *in vivo* models of the disease of interest.

The goal of the CTIP is to create a pipeline of validated cancer targets and novel, selective lead molecules (small molecules or biologics) that would attract partnerships and/or investment for further preclinical and clinical development.

CTIP will fund two types of Accelerator Projects:

1) **Early Accelerator Projects**, the focus: target identification/validation experiments and the generation of a validated, primary assay to enable initial screening.

2) **Late Accelerator Projects**, the focus: screening using validated primary and secondary assays, with the goal of generating confirmed Hit molecules.

3) **Incubator Projects**, the goal: to deliver high-quality Lead molecules (small and/or large molecules) with demonstrated *in vivo* efficacy, ideally accompanied by a pharmacodynamic biomarker that correlates with target modulation.


**Value:**

1) **Early Accelerator Projects**: maximum $100,000 for 1 year (most projects are expected to be completed within 6-9 months);

2) **Late Accelerator Projects**: maximum $250,000 per year for a maximum 2 years (most projects are expected to be completed in 15-18 months);

3) **Incubator Projects**: maximum $2 million over 2 years.

**Application process:**

The OICR registration deadline is **June 16, 2017**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at **viscarvl@mcmaster.ca** or extension 24519
Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Multiple Sclerosis Research Program (MSRP): Awards

The DoD has recently announced the following MSRP award/grant 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. Research projects may focus on any phase of research, excluding clinical trials. 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. Applications must include preliminary and/or published data. (review Focus Areas, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-MSRP-IIRA.pdf](http://cdmrp.army.mil/funding/pa/FY17-MSRP-IIRA.pdf))

2) **Exploration - Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in the MS research field. Innovative research may examine a novel paradigm, challenge current paradigms, look at existing problems from novel perspectives, or exhibit other highly creative qualities. The proposed research 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/FY17-MSRP-EHDA.pdf](http://cdmrp.army.mil/funding/pa/FY17-MSRP-EHDA.pdf))

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

**Value:**
1) **Investigator Initiated Research Award**: maximum $600,000 over 3 years
2) **Exploration - Hypothesis Development Award**: maximum $150,000 over 2 years

**Application process:**
The DoD pre-application deadline is **June 26, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at [belaski@mcmaster.ca](mailto:belaski@mcmaster.ca) or extension 21581

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Lung Cancer Research Program (LCRP): Awards

The DoD has recently announced the following (LCRP) award/grant opportunities:

1) **Idea Development Award**, the objective: to support new ideas that are still in the early stages of development and have the potential to yield impactful data and new avenues of investigation. This 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 from lung cancer. (review Areas of Emphasis, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-LCRP-IDA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LCRP-IDA.pdf)). 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). Partnerships with investigators at military treatment facilities, military labs, and Department of Veterans Affairs medical centers and research laboratories, are strongly encouraged.

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

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. The award supports the development of translational research collaborations between two independent, faculty level (or equivalent) investigators to address a central problem, or question in lung cancer. (review *Areas of Emphasis*, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-LCRP-TRPA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LCRP-TRPA.pdf)) One partner in the collaboration is **strongly encouraged** to be an active duty Service member or Federal employee from a military treatment facility, Department of Defense laboratory, or a Department of Veterans Affairs medical center or research laboratory.

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. The award supports high-risk studies that have the potential to reveal entirely new avenues for investigation. (review *Areas of Emphasis*, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-LCRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LCRP-CA.pdf)) Research completed through a Concept Award may generate sufficient preliminary data to enable the Principal Investigator to prepare an application for future research.

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, *Principal Investigator and Mentor*, pages 7-8 at [http://cdmrp.army.mil/funding/pa/FY17-LCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LCRP-CDA.pdf)) This award is intended to support impactful research projects with an emphasis on discovery. (review *Areas of Emphasis*, page 3 at [http://cdmrp.army.mil/funding/pa/FY17-LCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY17-LCRP-CDA.pdf)) Partnerships with investigators at military treatment facilities, military labs, and Department of Veterans Affairs medical centers and research laboratories are strongly encouraged.


**Value:**

1) **Idea Development Award**: maximum $350,000 over 2 years
2) **Investigator Initiated Translational Research Award**: maximum $400,000 over 2 years
3) **Translational Research Partnership Award**: maximum $900,000 over 3 years
4) **Concept Award**: maximum $100,000 over 1 year
5) **Career Development Award**: maximum $250,000 over 2 years

**Application process:**
The DoD pre-application deadline for the **Idea Development Award; Investigator Initiated Translational Research Award**; and the **Translational Research Partnership Award** is **June 28, 2017**.
The pre-application deadline for the **Concept Award** is **July 27, 2017**.
The pre-application deadline of the **Career Development Award** is **September 13, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581
Higher Education Quality Council of Ontario (HEQCO): HEQCO Access and Retention Consortium 2.0

The HEQCO is inviting colleges, universities and other education or community organizations to join the **HEQCO Access and Retention Consortium** (ARC). The ARC is a collection of educational organizations, whose main objective is to evaluate the use of interventions designed to improve access, retention and success into and through postsecondary education (PSE) for under-represented, or disengaged students.

The HEQCO is interested in answering the following question: *What works in supporting under-represented and disengaged students to access and succeed in postsecondary education?*

Priority will be given to projects that:

1) evaluate an existing tool, program or approach related to access or retention;
2) scale up interventions that have already been shown to work;
3) involve a partnership that may include colleges, universities, school boards, community and other education organizations;
4) focus on low income and/or Indigenous students;
5) focus on building skills that help students access and persist in PSE.


**Value:**
Participation will be formalized with a contract that is acceptable to both parties.

**Application process:**
The HEQCO expression of interest deadline is **June 30, 2017**.

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

Human Toxicology Project Consortium, Call for proposals: Roadmaps to human biology-based disease research

The Humane Society International (HIS) and The Humane Society of the United States (HSUS) are offering grants to support the development and open-access publication of in-depth, independent review articles in discrete areas of *human disease/biomedicine* by health scientists with relevant expertise.

Each review should:

a) examine the state of the science in a specific area of human biomedicine, including current understanding of the underlying pathophysiological pathways and networks;
b) critically evaluate the human relevance, translational success and limitations of conventional research models;
c) offer concrete recommendations/roadmap for optimizing the funding and use of advanced, human-specific tools and approaches (pathway paradigm as an organizing framework, primary human cells/tissues, iPSC, organoids, bioengineering, computational systems biology modeling, etc.) in the disease area under discussion; and
d) be accepted for publication in a high-visibility, peer-reviewed journal.
The grant shall be used to 1) enable applicants to dedicate their time to the production of a high-quality review article within a relatively short 3-4 month timeframe, 2) cover the open-access article publishing charge.


Value:
$3,500 shall be payable upon completion of the review to the satisfaction of HSI/HSUS;
$6,500 shall be payable upon acceptance for publication by an appropriate, open-access, peer-reviewed scientific journal agreed by HSI/HSUS.

Application process:
The Human Toxicology Project Consortium application deadline is June 30, 2017.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Vision Research Program (VRP): Awards

The DoD has recently announced the following VRP award/grant opportunities:

1) **Technology/Therapeutic Development Award**, the objective: to provide support for the translation of promising preclinical findings into products for clinical applications including detection, diagnosis, treatment or quality of life. (review **Capability Gaps** and **Focus Areas**, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY17-VRP-TDA.pdf).

The product(s) to be developed may be a tangible item such as a pharmacologic agent (drugs or biologics), device, or a knowledge-based product. A **Knowledge Product** is a non-materiel product that addresses an identified need, is based on current evidence and research, aims to transition into medical practice, training, tools, or to support materiel solutions (systems to develop, acquire, provide, and sustain medical solutions and capabilities), and educates or impacts behavior throughout the continuum of care including primary prevention of negative outcomes.

A transition plan must be provided. At the end of this award's period of performance, research results should be sufficient to support an Investigational Device Exemption, Investigational New Drug, or continue to clinical trials (where applicable).

2) **Clinical Trial Award**, the objective: to support research with the potential to have a major impact on the treatment or management of visual injury and/or dysfunction. (review **Capability Gaps** and **Focus Areas**, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY17-VRP-CTA.pdf). At the end of the period of performance, funded research should show clear progress toward the next stage of implementation (i.e., next phase clinical trials, U.S. Food and Drug Administration [FDA] clearance for a medical device, etc.).

http://cdmrp.army.mil/funding/vrp
Value:
1) Technology/Therapeutic Development Award: $2.1 million over 3 years
2) Clinical Trial Award: $5.25 million over 4 years

Application process:
The DoD pre-application deadline is July 12, 2017.

ROADS contact:
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY17 Bone Marrow Failure Research Program (BMFRP): Awards

The DoD has recently announced the following BMFRP award/grant opportunity:

Idea Development Award, the objective: to support innovative ideas and high-impact approaches, based on scientifically sound evidence, to move toward the BMFRP vision of understanding and curing BMF diseases.

This award is designed to support new ideas. Proposed research studies should have a high probability of revealing new avenues of investigation. The research project should include a well-formulated, testable hypothesis based on strong scientific rationale.
(review http://cdmrp.army.mil/funding/pa/FY17-BMFRP-IDA.pdf)

Value:
maximum $315,000 over 2 years

Application process:
The DoD pre-application deadline is July 13, 2017.

ROADS contact:
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

Hamilton Community Foundation: Edith H. Turner Foundation Fund

The objective of the Edith H. Turner Foundation Fund is to assist and provide funds in the fields of education, health, humanities and social development in Hamilton.
(review Priorities & Criteria at http://hamiltoncommunityfoundation.ca/grants/grant/1501-2/).

Value:
Applicants submit a project budget and timeframe.

Application process:
The Hamilton Community Foundation application deadline is September 8, 2017.

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

University of Saskatchewan, Global Water Futures: Solutions to Water Threats in an Era of Global Change, Request for Proposals - Letters of Intent for Pillars 1 and 2

The objective of the Global Water Futures: Solutions to Water Threats in an Era of Global Change is to transform the way communities, governments and industries in Canada, and other cold regions of the world, prepare for and manage increasing water-related threats.

The Global Water Futures (GWF) program is now accepting Letters of Intent (LOIs) for their Pillars 1 and 2 initiatives:

**Pillar 1** – Diagnosing and Predicting Change in Cold Regions  
**Pillar 2** – Developing Big Data and Decision Support Systems  
(review *Science Pillars* at [http://gwf.usask.ca/science-pillars.php#DiagnosingandPredictingChangeinColdRegions](http://gwf.usask.ca/science-pillars.php#DiagnosingandPredictingChangeinColdRegions))

Proposed science, big data and decision support system projects should complement and show consistency with GWF core teams and strategies, and should be in alignment with the vision of GWF:

a) to provide Canada with the information and tools needed to prepare for and manage water futures in the face of unprecedented environmental and societal change, ensuring health and wellbeing;  
b) to provide world-leading water science for Cold Regions and to be a global partner of choice for developing user-focussed solutions to water security.

The three-year projects will aim to put Canada at the forefront of water science and innovation. Strong project LOIs are those that make the case that their objectives are not adequately covered by GWF Core Support activities, and by Pillar 3 User-need Let Projects. The Strategic Management Committee has identified strategic research needs in the areas of:

a) Water and health;  
b) Social science and governance;  
c) Innovative sensors;  
d) Science in support of big data analytics and high end computing;  
e) Groundwater;  
f) Cold regions processes.

There will be a separate request for proposals focussing on First Nations water issues.

**Value:**

A budget of up to $5 million over 3 years is available for this call. Depending on the size of the team and project scope, smaller projects could request up to $200,000 per year and larger projects (consortia) could request up to $500,000 per year.

The available funding is mostly for hiring highly qualified personnel and operating expenses, with the expectation that major equipment purchases will be met from elsewhere. Integration of international
components in the projects are encouraged.

Application process:
Notify ROADS of Intent to Submit and LOI by May 1, 2017. The LOI first draft is due to ROADS by May 23, 2017. The LOI final draft is due to ROADS by June 9, 2017. The University of Saskatchewan letter of intent deadline is June 16, 2017.

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

Ontario Ministry of Education, Knowledge Network for Applied Education Research (KNAER): Call for Proposals – Learning and Leading for Equity Knowledge Network Phase 2

The objective of this Call is to identify a Network Host(s) and establish a knowledge network for promoting equity and inclusive education.

The Learning and Leading for Equity Knowledge Network will 1) bring together diverse partner organizations to mobilize evidence from educational research and professional practice connected to diversity and equity, 2) facilitate the use of evidence-based practices for instruction to support improved educational achievement for racialized and marginalized students, 3) contribute to Ontario’s Equity and Inclusive Education Strategy in partnership with educators, researchers, and stakeholders across Ontario. (review, http://www.knaer-recrae.ca/images/KNAER%20Learning%20and%20Leading%20for%20Equity.pdf)

Information Session
May 9, 2017

The session will be virtual, will provide a background on the KNAER, and will walk through the components of the current Call. Participants will have the opportunity to ask questions and hear the questions and answers from others. Networking ‘space’ during the session will be offered. The “Connect Here” box on the KNAER website (http://www.knaer-recrae.ca/call-for-proposals) will allow participants to meet others who are interested in being part of the Equity Knowledge Network and/or are looking for partners to join them on an application.

Register at https://www.eventbrite.ca/e/knaer-equity-information-session-tickets-34258179136. The session will be recorded and posted to the KNAER site for future reference.

http://www.knaer-recrae.ca/call-for-proposals

Value:
The Network will be funded at approximately $325,000 per fiscal year for an estimated total of $975,000 over 3 years. A minimum of $100,000 from this amount must be allocated for funding the activities of the communities of practice.

Application process:
The Ontario Education Research & Evaluation Strategy Branch application deadline is June 12, 2017.

ROADS contact:
Pamela McIntyre, Senior Advisor, at mcintyp@mcmaster.ca or extension 23713
Canadian Institutes of Health Research (CIHR) and the Natural Sciences and Engineering Research Council of Canada (NSERC): 2018 CIHR/NSERC Collaborative Health Research Projects (CHRP) Competition

The objective of the CHRP Competition is to support innovative, interdisciplinary, collaborative research projects requiring participation from the natural sciences or engineering community together with the health sciences community.

CHRP funding requires the translation of the research results to knowledge/technology users (KTUs) and related stakeholders outside the academic or training environment. As such, the proposed research projects must have a strong focus on knowledge translation (KT) and lead to health and economic benefits for Canadians, more effective health services and products, and/or a strengthened health care system. The KTU organizations should be meaningfully engaged throughout the research process, as appropriate, to inform research planning and design.

CHRP projects must include training opportunities for highly qualified personnel (HQP) in collaborative and interdisciplinary research of relevance to health, preparing them for employment opportunities in the private, public, or not for profit sectors. Given that interactions between personnel from academic institutions and other sectors contribute to knowledge sharing and the development of HQP, NSERC and CIHR encourage secondments, cross-appointments, co-supervision of students, internships, reciprocal laboratory visits and joint workshops.

The team must include at least two Principal Applicants (including the Nominated Principal Applicant), one from the natural sciences or engineering community, and one from the health sciences community. Applications must include a partnership with at least one eligible, non-academic, KTU organization with an expressed interest and demonstrable ability to use the end products of the research. (review, Eligibility at https://www.researchnet-recherchenet.ca/rnr16/vwOpprtnyDtls.do?prog=2665&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true#eligibility)

https://www.researchnet-recherchenet.ca/rnr16/vwOpprtnyDtls.do?prog=2665&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true

Value:
There is no upper limit on funding. The total amount available for this opportunity is $20.4 million over 3 years.

Application process:
This funding opportunity has a two-step application process: the Letter of Intent (LOI) and the invited full Application.

Notify ROADS of Intent to Apply by May 12, 2017. A draft of the LOI is due to ROADS by May 24, 2017. The CIHR letter of intent deadline is June 6, 2017.

ROADS contact:
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581
Higher Education Quality Council of Ontario (HEQCO): Social Media Scan of Ontario Student Assistance Program (OSAP) Perceptions, RFP Number: 17/18-RFP-002

The objective of this request for proposals (RFP) is to evaluate the impact of OSAP’s transformation on students’ and parents’ perceptions of postsecondary education (PSE) affordability.

The HEQCO invites proposals for a study that utilizes big data from social media sources to examine perceptions of PSE costs, student financial aid services and, specifically, the new policy changes affecting OSAP. The study can make use of sources for example, Twitter or Reddit, and employ data mining or machine learning techniques to perform sophisticated analyses of the data.

(visit Research Questions at http://www.heqco.ca/en-ca/Research/Requests%20for%20Proposals/Pages/Home.aspx)

Value:
maximum $80,000

Application process:
The HEQCO deadline for questions or clarifications to the RFP is May 18, 2017.  The application deadline is June 15, 2017.

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

Mitacs Globalink: Mitacs Globalink Orientation Session – Webinar

Mitacs Globalink is hosting a Globalink Orientation Session, two-part webinar. Participants may attend one or both parts of the webinar.

Webinar Details
June 1, 2017
Location: GoToWebinar
Time: 10:00 am – 1:00 pm PDT / 1:00 – 4:00 pm EDT

RSVP for the session by May 26, 2017 to confirm your attendance. RSVP here or https://www.eventbrite.ca/e/mitacs-globalink-spring-orientation-session-tickets-33526519723.

Webinar Login Information

Please allocate 10 to 15 minutes before the session begins to register for the webinar. After registering, you will receive an automated message from GoToWebinar with a link to access the webinar online. Audio can be accessed via the web session, or by phone using the information below.

Click here to register for and access the webinar (or https://attendee.gotowebinar.com/register/926429088202547969).
Canada (Toll-free): 1 866 952 7297
Access Code: 807-728-644
Audio PIN: Shown after joining the webinar
AGENDA

Part 1

10:00 – 11:15 am PDT / 1:00 – 2:15 pm EDT
Overview and orientation to Globalink initiatives, including:

a) Globalink Research Internship;
b) Globalink Graduate Fellowship;
c) Globalink Research Award;
d) Globalink Partnership Award;
e) Globalink Early Career Fellowship
f) Mitacs-JSPS Summer Programme
g) RISE-Globalink Research Internship.

Part 2

11:30 am – 1:00 pm PDT / 2:30 pm – 4:00 pm EDT
Program updates and discussion. Topics for discussion will include:

a) promoting outbound research experience through the Globalink Research Award;
b) procedures for bringing students into Canada through the Globalink Partnership Award.

*Further discussion items will be added, and suggestions.

The webinar is offered in English, and French slides will be available. Participants are welcome to ask questions in both languages.
Forward any topics or questions you wish addressed at the session to helpdesk@mitacs.ca.

The Michael J. Fox Foundation (MJFF): MJFF Computational Science Awards

The objective of the MJFF Computational Science Award is to 1) enable development of technologies in biomedical computing, informatics and data science for Parkinson’s disease (PD) therapeutic development, 2) develop improved computational approaches to understand the molecular underpinning of PD that would ultimately lead to: biomarker detection, improving clinical outcome measures, and target identification.

The following disciplines of computational methods are encouraged:
a) data processing functions to allow for enhanced analysis efficiency;
b) multi-modal statistical and computational methods.

Priority will be given to proposals utilizing one or more of the following datasets:
a) existing data from relevant human PD natural history and legacy databases;
The Michael J. Fox Foundation (MJFF): Grant Opportunities

The MJFF has announced the following Grant Opportunities:

1) **Inflammation Biomarkers for Parkinson's Disease** (PD), the objective: to support research that will develop new or improve upon existing biomarker tools for neuroinflammation/peripheral inflammation in PD. [https://www.michaeljfox.org/research/grant-detail.php?id=32](https://www.michaeljfox.org/research/grant-detail.php?id=32)

2) **Computational Tools for PD Therapeutic Development**, the objective: to enable development of technologies in biomedical computing, informatics, and data science for PD therapeutic development. [https://www.michaeljfox.org/research/grant-detail.php?id=33](https://www.michaeljfox.org/research/grant-detail.php?id=33)

**Value:**

*Inflammation Biomarkers for Parkinson's Disease*: maximum $300,000 over 1-2 years  
*Computational Tools for PD Therapeutic Development*: maximum $150,000 for 1 year

**Application process:**

The MJFF pre-proposal deadline is **May 31, 2017**

**ROADS contact:**

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

Hamilton Community Foundation: Grants

The Hamilton Community Foundation has announced the following grant opportunities:

1) **Creative Arts Fund**, the objective: to support a range of arts initiatives including neighbourhood arts projects, support for arts presentations, access to the arts for children and youth, and capacity building grants for arts organizations. [http://hamiltoncommunityfoundation.ca/grants/grant/creative-arts-fund/](http://hamiltoncommunityfoundation.ca/grants/grant/creative-arts-fund/)

2) **The Dougher Community Fund**, the objective: to support and enhance services and facilities offered in the area formerly known as the Town of Dundas.
http://hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/

3) **The McCallum, McBride Fund**, the objective: to support environmental protection, projects that assist women’s shelters and hostels.
http://hamiltoncommunityfoundation.ca/grants/grant/mccallum-mcbride-fund/

**Value:**
*Creative Arts Fund*: Community Arts Projects, $5,000; Support for Arts Presentations, $5,000; Access to the Arts for Children and Youth, $10,000; Capacity Building Grants, $10,000;
*The Dougher Community Fund*: applicants are required to submit a project budget (review http://hamiltoncommunityfoundation.ca/wp-content/uploads/2016/10/Dougher-Community-Fund-2016-17-grants.pdf);
*The McCallum, McBride Fund*: applicants are required to submit a budget.

**Application process:**
*Creative Arts Fund*: application deadline **June 2, 2017**;
*The Dougher Community Fund*: application deadline **July 14, 2017**;
*The McCallum, McBride Fund*: application deadline **October 13, 2017**.

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

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**Weston Brain Institute, Canada: Rapid Response 2017, Alzheimer’s and Related Diseases**

The objective of the **Rapid Response, Alzheimer’s and Related Diseases** is to provide seed funding for novel, high-risk, high-reward, translational research ideas to catalyze the development of safe and effective treatments for neurodegenerative diseases of aging.

Focus, Alzheimer disease (AD) -related diseases: AD, Frontotemporal Dementia, Mild Cognitive Impairment, prodromes, and vascular contributions to the listed diseases

Projects must involve the development of a therapeutic and/or a tool to help accelerate the development of therapeutics for neurodegenerative diseases of aging.


**Canada: Rapid Response 2017 (AD) Information Webinar**
**June 12, 2017** at 1:00-2:00pm EDT

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

**Application process:**
The Weston Brain Institute letter of intent deadline is **July 5, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581
Natural Sciences and Engineering Research Council of Canada (NSERC) – Upcoming Webinars

NSERC will be holding Community Engagement Webinars to provide researchers, students and other stakeholders an opportunity to connect with them to learn more about some recent program and policy developments. These webinars also serve as a platform for the community to ask questions and seek more information from some of NSERC's grants, partnerships and scholarships staff:

2017

<table>
<thead>
<tr>
<th>Session Language</th>
<th>Date</th>
<th>Time</th>
<th>Link</th>
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<td>English</td>
<td>June 14</td>
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<td>1 877-413-4790</td>
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<td>1 877-413-4790</td>
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NSERC is also hosting webinars to assist the research community on “How to complete an application” using the Research Portal and the NSERC Canadian Common CV (CCV) for a number of NSERC funding programs:

**Discovery Grant – Submission of a Notification of Intent to Apply:**

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<tr>
<th>Session Language</th>
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**Discovery Grant – Submission of an Application:**

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<tr>
<td>English</td>
<td>September 21 - 27</td>
<td>1 to 3 p.m. ET</td>
<td><a href="http://nsercofcanada.adobeconnect.com/complete-application/">http://nsercofcanada.adobeconnect.com/complete-application/</a></td>
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<tr>
<td>French</td>
<td>September 19</td>
<td>1 to 3 p.m. ET</td>
<td><a href="http://nsercofcanada.adobeconnect.com/presenter-une-demande/">http://nsercofcanada.adobeconnect.com/presenter-une-demande/</a></td>
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**Research Tools and Instruments – Submission of an application:**

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### Subatomic Physics Discovery Grants Programs – Submission of a Notification of Intent to Apply:

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### Subatomic Physics Discovery Grants Programs – Submission of an Application:

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### Mitacs: Globalink Research Internship

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


**Value:**

There is no financial commitment required from the supervising professors.

Globalink Research Interns receive, free of charge:

a) a matched project with a Canadian professor and university based on their research interests, skills and expertise;
b) flight to Canada;
c) transportation from the airport in Canada to accommodations;
d) stipend for housing;
e) health insurance;
f) student enrolment fees;
g) stipend for food and incidentals;
h) support from student mentors on campus in Canada;
i) registration for industry events and professional development workshops;
j) Globalink Research Internship certificate of completion.
Interns are required to work 40 hours a week, five days a week, for 12 consecutive weeks from May to September.

**Application process:**
The Mitacs deadline for professors to submit projects is **June 14, 2017**.

**Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): New Directions Research Program, Honey Bee Health**

The objective of the *New Directions Research Program* is to stimulate the sustainable growth and competitiveness of Ontario's agri-food and agri-business sectors, address challenges, expand market opportunities at home and abroad, and support thriving rural communities.

Priorities for this program can shift annually. The focus of this call for proposals is on the health and productivity of honey bee colonies (stationary or migratory), in the following areas:

a) evaluating the efficacy of treatments for the control of pests and pathogens;
b) evaluating the resistance to pests and pathogens through breeding and genetics;
c) evaluating the effects of multiple pests and pathogens on honey bee health;
d) evaluating the relationship between pathogen presence and development of clinical disease, and/or significant colony damage.


**Value:**
maximum $200,000 (includes a maximum of 25% indirect costs) over a maximum 3 years

**Application process:**
This call for proposals follows a two-stage application process: the Letter of Intent and the full Application. The OMAFRA letter of intent deadline is **June 28, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

**Statistics Canada: Biobank, Call for Research Proposals**

The objective of this Call is to invite individuals and labs to apply for access to blood, urine, and DNA samples from the Canadian Health Measures Survey (CHMS) *Biobank* for use in health studies.

The biobank currently holds biospecimens collected from over 22,000 consenting Canadians between the ages of 3 to 79 years.


**Value:**
Researchers submit a completed application form to use CHMS biospecimens.

**Application process:**
The Statistics Canada application deadline is **June 30, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

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**Escher Fund for Autism, Germline-Borne Etiology of Autism and Dysregulated Neurodevelopment: The Question of Early Gamete Exposure to General Anesthesia**

The Escher Fund for Autism is devoted to piloting novel research into the germline-based etiology of autism spectrum disorders and related pathologies of early neurodevelopment.

The objective of this call for proposals involves investigation of three variables: 1) High-dose exposures to substances with demonstrated adverse genomic, epigenomic and/or other germline effects (eg, tobacco and certain drugs, including synthetic hormones); 2) During critical windows of germline development and reprogramming (mainly but not exclusively fetal germline, or primordial germ cells); 3) Adverse neurodevelopmental outcomes in the progeny of the toxicant-exposed germ cells, including but not limited to autism spectrum disorders.

The call concerns the hypothesis that early germline exposure to general anesthetic agents can raise the risk for heritable, gamete-borne, neurotoxicity in the following generation, via any number of potential molecular mechanisms, including those noted above.

[http://www.germlineexposures.org/grants.html](http://www.germlineexposures.org/grants.html)

**Value:**
maximum $25,000

**Application process:**
The Escher Fund for Autism letter of interest deadline is **July 31, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

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**Harry Frank Guggenheim Foundation: Research Grants**

The objective of the **Research Grant** is to support 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 in relation to social change, intergroup conflict, war, terrorism, crime, and family relationships.

Highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. Priority will also be given to areas and methodologies not receiving adequate attention and support from other funding sources. (review **Research Priorities** at [http://hfg.org/rp/introduction.htm](http://hfg.org/rp/introduction.htm))
Value:
between $15,000 to $40,000 per year for periods of 1 or 2 years

Application process:
The Harry Frank Guggenheim Foundation application deadline is **August 1, 2017**.

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

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**Spencer (Spencer Foundation): Small Research Grants and The New Civics**

Spencer has announced two funding opportunities: **Small Research Grants** and **The New Civics**.

The objective of the **Small Research Grant** is to support academic work that will contribute to the improvement of education, broadly conceived. 

*Areas of Inquiry*: The Relation between Education and Social Opportunity; Teaching, Learning, and Instructional Resources; Organizational Learning in Schools, School Systems, and Higher Education Systems; Purposes and Values of Education; Field-Initiated.  
[http://www.spencer.org/small-research-grants](http://www.spencer.org/small-research-grants)

The objective of **The New Civics** is to support proposals that ask critical questions, specifically, how education can more effectively contribute to the civic development of young people. The New Civics has supported projects that 1) deepen the understanding of educational and other influences on civic action, 2) attend to social inequalities in civic education, 3) show potential to shape future research and practice in these fields.  

Value:
**Small Research Grants** and **The New Civics**: $50,000 or less

Application process:
The Spencer application deadline is **August 1, 2017** (and **November 1, 2017**; **February 1, 2018**).

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

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**William T. Grant Foundation: Research Grants**

The objective of the **Research Grant** is to support research that builds stronger theory and empirical evidence in focus areas:

a) programs, policies and practices that reduce inequality in youth outcomes; and  
b) strategies to improve the use of research evidence in ways that benefit youth.

The following Research Grants are being offered:
a) *research grants - reducing inequality*;
b) *research grants - improving the use of research*;
c) *Officers’ Research Grants* - for stand-alone projects that fit the Foundation’s research focus areas or build off of larger projects.

Projects involving secondary data analysis are at the lower end of the budget range, whereas projects involving new data collection and sample recruitment can be at the higher end. Proposals to launch experiments in which settings (e.g., classrooms, schools, youth programs) are randomly assigned to conditions, sometimes have higher awards.

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

**Value:**

*research grants - reducing inequality*: between $100,000 and $600,000 and cover 2 to 3 years of support
*research grants - improving the use of research*: between $100,000 and $1,000,000 and cover 2 to 4 years of support
*Officers’ Research Grants*: up to $25,000

**Application process:**
The William T. Grant Foundation letter of inquiry deadline is **August 2, 2017**.

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

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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:

a) *Democratic Governance* (review [http://www.tinker.org/content/democratic-governance](http://www.tinker.org/content/democratic-governance))
b) *Education* (review [http://www.tinker.org/content/education](http://www.tinker.org/content/education))
c) *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 related to the Foundation's areas of interest.

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.

[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 August 21, 2017 (review http://www.tinker.org/content/letter-inquiry). The application deadline is September 15, 2017.

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

Conserver Society of Hamilton and District Inc. (the “Conserver Society”): Ed Smee Fund

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

The Conserver Society’s activities include education and outreach on:
  a) conserving energy and other resources;
  b) sustainability and biological diversity;
  c) reduction of toxic chemicals in air, land and water;
  d) participation in neighbourhood decision making;
  e) aid for others in achieving goals sympathetic with those of the Conserver Society (review http://conserversociety.ca/).

The Conserver Society encourage initiatives that meet the following criteria:
  a) has a defined timeframe;
  b) has the potential to effect change;
  c) is innovative;
  d) is a concern of a definable community;
  e) is receiving, or applying for, funding from other sources (if appropriate).

Applicants are asked to send an email briefly describing their project to ascertain its eligibility for a grant (maximum 350 words).

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

Value:
maximum $3,000

Application process:
The Conserver Society notice-of-interest deadline is August 30, 2017.

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

The John Templeton Foundation: Small and Large Grant Program

The objective of the Small and Large Grant Program is to support the power of the sciences and other discovery-oriented disciplines to advance our understanding of the Big Questions (review Our Vision at
a) Science & The Big Questions;
b) Exceptional Cognitive Talent & Genius;
c) Genetics;
d) Voluntary Family Planning;
e) Character Virtue Development;
f) Individual Freedom & Free Markets.

 Value:
Small Grants are defined as requests for $217,400 USD, or less.
Large Grants are defined as requests for more than $217,400.

Application process:
The John Templeton Foundation online funding inquiry deadline is August 31, 2017.

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


The objective of the YINI is to support a range of projects focused on yogurt science.

This year the Call is targeting “the health effects associated with yogurt consumption”. Research focused in the following areas are particularly encouraged:

a) mechanism of action;
b) biological effects of yogurt live ferments and fermentation products;
c) impact of yogurt consumption on gut microbiota
d) in adults and/or children.

Value:
$30,000 will support one application over a maximum 2 years

Application process:
The YINI application deadline is August 31, 2017.

ROADS contact:
William T. Grant Foundation: Institutional Challenge Grant

The objective of the *Institutional Challenge Grant* is to encourage research institutions to build sustained research-practice partnerships with public agencies or non-profit organizations, in order to reduce inequality in youth outcomes. Applications are welcome from partnerships in youth-serving areas such as education, justice, child welfare, mental health, immigration, and workforce development.

The Foundation encourages proposals from teams with African American, Latino, Native American, and Asian American members in leadership roles.

http://wtgrantfoundation.org/grants/institutional-challenge-grant

**Value:**
$650,000 over 3 years
The award may be renewable for an additional two-year term.

The grant will provide:
- up to $60,000 for 6-12 months of joint planning activities (e.g., refining protocols for partnering, selecting fellows, finalizing partnership agreements, etc.);
- Fellowship support for the equivalent of one full-time or two half-time fellows per year, for 2 years (in addition, the research institution must contribute the equivalent of one full-time or two half-time fellows for the equivalent of a 1 year, full-time term);
- up to 3 years of support for the partnership to conduct research to reduce inequality in youth outcomes;
- resources to develop the capacities of both partners;
- indirect cost allowance of up to 15% of total direct costs.


**Application process:**
The William T. Grant Foundation application deadline is **September 12, 2017.**

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

Wabash Center: Project Grants

The objective of the *Project Grant* is to support activities that enhance teaching and learning in the fields of religion and theology.

Projects that 1) promote a sustained conversation regarding pedagogy through the improvement of practical applications of teaching and learning methods, 2) encourage research and study of pedagogical issues, 3) create a supportive environment for teaching, are all eligible. (review *Activities Funded* at http://www.wabashcenter.wabash.edu/grants/default.aspx)
The following is available:
Large Project Grants (review http://www.wabashcenter.wabash.edu/grants/howtoapply.aspx)

Value:
Small Project Grants: up to $5,000
Large Project Grants: up to $30,000

Application process:
The Wabash Centre application deadline for Small Project Grants is any time during the year. The deadline for Large Project Grants is October 3, 2017 (and March 1, 2018).

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

The Michael J. Fox Foundation (MJFF): Core Funding Programs

The MJFF seeks to accelerate the best ideas in Parkinson's disease (PD) research toward clinical testing and practical relevance for patients. The following Core Funding Programs are available:

a) Target Advancement Program, the objective: to support research characterizing promising, novel PD-relevant targets, or continuing target biology work on established PD targets. Preferred targets for this program already demonstrate links to PD in human patient populations. The support is well-suited to projects where hypothetical or experimental rationale for a target is compelling but limited, and study results can make the case for continuing (or discontinuing) a line of research. https://www.michaeljfox.org/research/grant-detail.php?id=27

b) Therapeutic Pipeline Program, the objective: to support PD therapeutic development along the pre-clinical and clinical path (both drug and non-pharmacological therapeutics, including gene therapy, biological, surgical and non-invasive approaches). The Foundation seeks applications with potential for fundamentally altering disease course and/or significantly improving treatment of symptoms above and beyond current standards of care. https://www.michaeljfox.org/research/grant-detail.php?id=28

c) Improved Biomarkers and Clinical Outcome Measures Program, the objective: to support research that will develop biomarker tools and clinical outcome measures to assist in target validation for therapeutic development, and ultimately inform clinical trial design, execution and interpretation of results. The Foundation will prioritize biomarker development around the following high priority biological pathways: Inflammation; Mitochondrial function; Protein handling. https://www.michaeljfox.org/research/grant-detail.php?id=29

Value:
Target Advancement Program: $100,000 for 1 year
Therapeutic Pipeline Program: Pre-Clinical: $200,000-$400,000 appropriate to the stage of research; Clinical: commensurable with the stage and goals
Improved Biomarkers and Clinical Outcome Measures Program: The Foundation will support multiple projects and may fund up to $4 million for this program. There is no set budget limit for proposals.
**Application process:**
The MJFF pre-proposal deadline is **October 19, 2017**.

**ROADS contact:**
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

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**Wenner-Gren Foundation: Post-Ph.D. Research Grants**

The objective of the *Post-Ph.D. Research Grant* is to support basic research in anthropology that furthers our understanding of humanity's cultural and biological origins, development, and variation. (review **Eligibility** at http://www.wennergren.org/programs/post-phd-research-grants/eligibility)

There is no preference for any methodology, research location, or subfield. The Foundation particularly welcomes proposals that employ a comparative perspective, can generate innovative approaches or ideas, and/or integrate two or more subfields.

**Value:**
$20,000 USD

Grants are for research expenses. There is no time limit on the duration of the grant and funding may be requested to cover distinct research phases (e.g., two Summers) if this is part of the research design.

**Application process:**
The Wenner-Gren Foundation application deadline is **November 1, 2017**.

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

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

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

The *Open Call* is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged.

At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

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

**Value:**
CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.
Application process:
The CIFAR will accept applications on a rolling basis.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca 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/

Value:
maximum $70,000 for 1 year

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

ROADS contact:
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581

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:
Cynthia Belaskie, Senior Advisor, at belaski@mcmaster.ca or extension 21581