Week of May 11, 2018

Dear colleagues,

Please find below this week’s updates:

- It was wonderful to see everyone at the Day in Medicine at the ROM and Department of Medicine Awards Ceremony earlier this week. Thank you to everyone who came out and helped to make these events a such a success.

- On behalf of the College of Reviewers, and following the recent meeting of the College Chairs, here is an update on recent enrolment efforts, Project Chair consultations, and a message around government support for fundamental science. Additional information regarding the College can be found on our website.

- Please find attached the webex notes from the recent meeting of the CIHR University Delegates.

- On behalf of Office of the Vice-Provost, Faculty, Search Committee Members are invited to attend Unconscious Bias Training on Wednesday, May 16 at 9am to 11am in Wong e-Classroom – L107 or Friday, June 8 at 9am to 11am in Council Room – GH 111. McMaster University’s reputation ranks locally, nationally and globally as a place of learning and research innovation and excellence. Strengthening this status requires a commitment to equity, diversity and inclusion in the search process to ensure that high caliber, talented faculty join McMaster. To enable McMaster to build equity, diversity and inclusion capacity in the recruitment and selection processes, search committee members are encouraged to attend this ‘in search of excellence’ session. This workshop, led by Sukhvinder Obhi, Professor of Psychology, Neuroscience & Behaviour and Jill Axisa, Director of Faculty Leadership and Development will assist participants to:
  - Understand the science and research of unconscious bias
  - Identify how bias and the processes of unconscious mind can impact decisions and results
  - Become aware of your own background, and its impact on your perceptions so you’re better able to advocate for inclusion in your department
  - Take in the benefit of a search committee best practices framework in support of bringing the best and brightest to campus

If you are interested in attending, please register at: Unconscious Bias Training.

- Please find attached the May 11 issue of the HRS Funding Opportunities Bulletin

- Please find attached the May 11 issue of the ROADS Funding Opportunities Bulletin
Please join us at **Grand Rounds** next week on **May 17, 2018 at 8:00 am**. Chair’s Medical Grand Rounds will be hosting Dr. Anne Holbrook in MUMC 4E20 who will be speaking on **Our Most Effective Therapy: Placebo**. Medical Grand Rounds - SJH will be hosting Dr. Rémi Rabasa-Lhoret in the Miller Amphitheatre who will be speaking on **Artificial Pancreas is Coming: Should it be Single or Dual Hormone?** Further information on this event, and many others taking place in the Department, can be found in the [ETA Calendar](mailto:). If you have anything you would like to share with your colleagues, please submit it to Sara Sellers at [sellers@mcmaster.ca](mailto:sellers@mcmaster.ca)

Mark A. Crowther  
Professor and Chair, Department of Medicine
1. CIHR Update (Annik Poirier)
Matters for action following F2F meeting will be coming through agenda over the next few meetings.

- Shanthi Johnson will be leaving UDEC to go to U of A in July to become New Dean for School of Public Health. Launching recruitment process now to fill vacancy – UDJs will be invited to vote. More info will be sent by e-mail
- Adrian Mota is the new VP operations for a term of 2 years.
- Pierre Cote is assuming the role of Director General of Operations Support starting on Monday for a two-year term.
- No news on CIHR president.

- Scientific director updates:
  July 1st - Dr. Christopher McMaster, Institute of Genetics
  July 1st – Dr. Charu Kaushic, Institute infection and immunity

- Equity and diversity questionnaire underway – goal is to collect data to identify and adjust biases. Application participants for all CIHR programs will be required to complete equity and diversity questionnaire. Questionnaire will be five questions, answered online, by user, in ResearchNet. Every question has a ‘prefer not to answer’ option.  [http://cihr-irsc.gc.ca/e/50957.html](http://cihr-irsc.gc.ca/e/50957.html)

2. Update on project grant (Martine Lafrance)

- Update on P-grant spring budget – increased from $225 to $275 Million [http://www.cihr-irsc.gc.ca/e/50946.html](http://www.cihr-irsc.gc.ca/e/50946.html)

- Starting peer review for spring competition starting May 15.
- 57 committees will meet over the next 5 weeks.
- 2800 applications – range of 20-80 applications per committee.
- NOD will be posted on July 10. Funding start date is October 1st.

- Information for next fall competition will be posted in early July. Finalizing description now and announcing registration deadline. Registration will be around mid-August with application due mid-Sept (close to Sept 12). Notice of decision Jan 23, with April start date.

Q. For those who were not at the UD Face to Face meeting in Ottawa, are there any notes from that meeting you can share? Any updates?

Here are minutes from UD F2F:  [https://docs.google.com/document/d/1ISEF-AtxD0YSZeTJ5SsEeMacbHNDYZDcj_FHG09JigI/edit?usp=sharing](https://docs.google.com/document/d/1ISEF-AtxD0YSZeTJ5SsEeMacbHNDYZDcj_FHG09JigI/edit?usp=sharing)
Q. I've been asked to see if there is the possibility of opening the registration for project grants earlier (August 1) to accommodate faculty vacations?

Will open 2-3 weeks before deadline

3. Update on Foundation (Dale Dempsey)

- Stage 2 results sent to applicants on April 30th.
- 163 applications in stage 2. 58 moving forward to final assessment stage.
- FAS committee consists of 19 members including: the virtual chairs responsible for stage 2 peer review and SO. Meeting scheduled June 12-13. Expected notice of decision is July 17th, but might be earlier.

Q. Is there an expectation of the number of FG that will be funded?

Depends on budgetary ask, likely in the low 30s

Q. What is the anticipated launch and registration for the next competition?

Foundation working group making recommendations for change – this will dictate planning... i.e. not at liberty to give any dates at this time.

4. Strategic Update (Nathalie Gendron)

New funding opportunities:

- Team Grant for the Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Collaborative Project: https://www.researchnet-recherchenet.ca/rnr16/vwOpprntntyDtls.do?prog=2860&view=currentOpps&org=CIHR&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true

- CHRP has been launched. Information now available on website. There is an AI special call within CHRP.

- One European initiative announced – (May 28th) active assisted living program. Operating Grant for Active and Assisted Living Program: https://www.researchnet-recherchenet.ca/rnr16/vwOpprntntyDtls.do?prog=2826&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true

Q. Are you able to provide any information about how many applications were received to serve on the Institute Advisory Boards?

Don’t have that information at this time.
NSERC Discovery Grants Information Session

Where: MDCL 3020
When: Tuesday June 5, 2018 2:00pm-4:00pm

The Research Office for Administration, Development and Support (ROADS) invites you to attend an interactive information session featuring Michelle Payne, Program Officer for the Discovery Grant Program for Mathematics and Statistics as well as Discovery Grant Evaluation Group members from McMaster who will share their experiences with the grant review process and offer guidance to potential applicants.

To register: https://nsercinfoseッションjun5.eventbrite.ca

NSERC will also host Discovery Grants webinars on the following dates:

- Tuesday, May 22, 2018
- Tuesday, June 19, 2018
- Thursday, July 12, 2018

Time: 1:00pm-3:00pm

Link: http://nsercofcanada.adobeconnect.com/complete-application/

SSHRC Connection Grant Webinars

In May 2018, SSHRC will be holding a series of webinars for applicants and research administrators to provide information and answer questions about upcoming Connection Grants competitions. Webinar participants will have the opportunity to submit written questions via the webinar interface at any point during the presentations. No registration is required, so you can drop in at any time.

Webinar schedule - Connection Grants

English: Wednesday, May 23, 2018, 1:00 to 3:00 p.m. (eastern)
Link: https://sshrc-crsh.adobeconnect.com/rvgw186apt8h/
French: Thursday, May 24, 2018, 1:00 to 3:00 p.m. (eastern)
Link: https://sshrc-crsh.adobeconnect.com/r8paf1cdd92d/

To join a webinar:

Click on the link above or copy and paste it into your web browser.
Enter your name in the field provided.
Click “Enter Room” to join the webinar.
Adjust the volume on your computer.

For technical questions, please contact:
Email: connection@sshrc-crsh.gc.ca
Tel.: 613-943-1007

For questions about the Connection Grant program, please contact Christina Pellegrini, ROADS, at ext. 27207 or pellegrc@mcmaster.ca
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<td>The Centre for Aging + Brain Health Innovation (CABHI): Researcher-Clinician Partnership Program (RCP2)</td>
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<td>Funding Opportunity</td>
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<td>Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018</td>
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<td>Department of Defense Ovarian Cancer Research Program (OCR) Funding Opportunities for Fiscal Year 2018</td>
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CIHR – Operating Grant: Active and Assisted Living Program
By funding the development of packages integrating different solutions, the AAL Programme aims to create evidence of improved quality of life, of perceived added value by end-users, of usefulness and of effectiveness of the solutions, as well as of their reliability, security and financial viability, including positive business cases for potential payers.
Impact will be assessed via:
• Expected impact on quality of life
• Expected impact on the market
For a complete description of these expectations, please refer to the Active and Assisted Living website.

Funding Details: The total amount available for a Canadian-based applicant for this funding opportunity is $353,000 (CAD), enough to fund approximately one (1) grant. This amount may increase if additional funding partners participate. The maximum amount per grant is $117,666 (CAD) per year for one (1) grant for a maximum of three (3) years.

Additional Details
Internal HRS Deadline: May 14, 2018
Sponsor Deadline: May 28, 2018

CIHR – Team Grant: ME/CFS Collaborative Project
The objective of this grant is to create an environment where Canadian researchers collaborating with NIH’s CRCs and DMCC can combine their relative strengths to advance our understanding of ME/CFS, and to define the cause(s) of and discover improved treatments for ME/CFS through:
• Identifying and establishing novel connections across Canada, bringing together a multidisciplinary and interdisciplin ary cohort of technical and scientific experts for research collaboration and dialogue in the area of ME/CFS.
• Developing and strengthening ME/CFS research capacity by establishing innovative approaches to catalyze current researchers and training opportunities for the next generation of ME/CFS researchers.
• Developing and providing health research leadership across Canada and beyond, with innovative approaches to promote current and emerging directions and priorities in ME/CFS, including the facilitation and support of effective translation, dissemination and application of new knowledge generated through the appropriate use of research evidence.
In addition, the objective for the supplementary funding available to the Canadian team is to generate new scientific knowledge to advance our understanding of the vascular instability and/or sleep disturbances experienced by people with ME/CFS.

Eligibility:
• The Nominated Principal Applicant must be an independent researcher appointed at an eligible institution (See Institutional Eligibility Requirements for eligibility process and associated timelines)
• In addition to the Nominated Principal Applicant, the proposed team must consist of a minimum of four (4) team members and include a minimum of one representative from each of the following categories:
  o Early career investigators
  o Clinician-researchers or health care professionals
  o Patients: Defined here as “an overarching term inclusive of individuals with personal experience of a health issue and informal caregivers, including family and friends”
• The Nominated Principal Applicant must have successfully completed one of the sex- and gender-based analysis training modules available online through the CIHR Institute of Gender and Health and submit a Certificate of Completion (see How to Apply section). Please select and complete the training module most applicable to your research project (Sex, Gender and Health Research Guide).
• The Nominated Principal Applicant must provide a letter of support from at least one of the NIH’s CRCs.
• The Nominated Principal Applicant must have access to a national cohort of patients with ME/CFS.

Funding Details: The total amount available from CIHR for this funding opportunity is $1,775,000, enough to fund one (1) team. This amount may increase if additional funding partners participate.
• The maximum amount for the grant is $280,000 per year for up to five (5) years, for a total of up to $1.4 million, for the participation of one team in the ME/CFS Initiative Collaborative Project.
• A supplementary amount of $75,000 per year for up to five (5) years, for a total of $375,000, is available to the above team for a project that also addresses vascular instability and/or sleep disturbances experienced by people with ME/CFS.
Additional Details
Internal HRS Deadline: May 23, 2018
Sponsor Deadline: June 6, 2018

**CIHR – Canada Graduate Scholarships – Michael Smith Foreign Study Supplement**

The specific objectives of this funding opportunity are:

- to support high-caliber Canadian graduate students in building global linkages and international networks through the pursuit of exceptional research experiences abroad; and
- to strengthen the potential for collaboration between Canadian institutions and other research institutions outside of Canada.

**Eligibility:** The Canada Graduate Scholarships – Michael Smith Foreign Study Supplements Program is available to Canadian citizens or permanent residents who hold a Joseph-Armand Bombardier, an Alexander Graham Bell, or a Frederick Banting and Charles Best Canada Graduate Scholarship (CGS) at the master’s or doctoral level, or a Vanier CGS at the doctoral level.

**Funding Details:** The total amount available for this funding opportunity is $270,000, enough to fund approximately 45 awards. The maximum amount per award is $6,000 for a defined research study period outside of Canada for a period of two to six months.

Additional Details
Internal HRS Deadline: May 28, 2018
Sponsor Deadline: June 11, 2018

**CIHR – Team Grant: Transnational Cardiovascular Research Projects**

The ERA-CVD JTC2018: Transnational Cardiovascular Research Projects driven by Early Career Scientists is expected to:

- foster transnational cooperation of European countries and beyond, and to coordinate research efforts and funding programs of the ERA-CVD partner countries with Canada
- promote co-operation and interchange between Early Career Scientists and thus enable international collaboration and new consortia establishment in cardiovascular research,
- enable capacity building and empowering of Early Career Scientists by providing opportunity to independently develop and perform highly innovative research projects,
- add value in funding the collaboration over individual projects by sharing of resources (e.g., models, databases, diagnosis etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.

**Funding Details:** The total amount available for Canadian applications is Can $585,000, which is enough to fund approximately two grants. This amount may increase if additional funding partners participate. The maximum amount available per grant to Canadian participants in transnational consortia is Can $97,500 per year for up to three years for a total of Can $292,500 per grant.

Additional Details
Internal HRS Deadline: June 1, 2018
Sponsor Deadline: June 15, 2018

**CIHR Team Grant: E-Rare-3 Joint Transnational Call (2018)**

There are at least 7,000 distinct rare diseases, the great majority being of genetic origin. Although individually rare, taken together rare diseases affect at least 26-30 million people in Europe alone. Moreover, they represent a major issue in health care: a large number of these diseases have an early or very early onset and/or lead to a significant decrease of life expectancy. Moreover, most of them cause chronic illnesses with a large impact on quality of life and the health care system. Therefore, research on rare diseases is needed to provide knowledge for prevention, diagnosis and better care of patients. Yet, research is hampered by lack of resources at several levels:

1. Few scientists work on any given specific disease,
2. There are few patients per disease and they are scattered over large geographic areas, causing difficulties to assemble the necessary cohorts,
3. Existing databases and bio-material collections are usually local, small, and not accessible or standardised,
4. The complex clinical phenotypes of these diseases require interdisciplinary cooperation to improve research and treatment. The specificities of rare diseases - limited number of patients, scarcity of relevant knowledge and expertise, and fragmentation of research - single them out as a distinctive domain of very high European added-value. Rare diseases are therefore a prime example of a research area that necessitates collaboration/coordination on a transnational scale. In this context, the ERA-NET “E-Rare” for
research programs on rare diseases has been extended to a third phase “E-Rare-3” (2014-2019) to further help in coordinating the research efforts of European, Associated and non-European countries in the field of rare diseases and implement the objectives of the International Rare Disease Research Consortium (IRDiRC). CIHR is pleased to be partnering with the Fonds de recherche du Québec – Santé (FRQS) once again in the context of this ERA-Net.

**Funding Details:** The total amount available for this funding opportunity is $2,000,000, enough to fund 5-6 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $125,000 per year for up to 3 years for a total of $375,000 per grant. Of this $2,000,000, $500,000 is available to fund applications relevant to the mandate of the Fonds de recherche du Québec – Santé FRQS.

**Additional Details**
- **Internal HRS Deadline:** June 5, 2018
- **Sponsor Deadline:** June 19, 2018

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**CIHR Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2**

The Antimicrobial Resistance: Point of Care Diagnostics in Human Health Phase 2 funding opportunity is expected to:

- Improve rational use of antibiotics and clinical management by increasing availability, timeliness, and uptake of clinically relevant point-of-care diagnostic tools in AMR.
- Integrate evidence-informed therapeutic approaches and prevention interventions into health care practice and policy.
- Determine commercial viability and show direct clinical applicability of a technology or tool that has passed the preliminary design developmental phase.
- Enhance capacity to conduct international, intersectoral and interdisciplinary AMR research through collaboration and training of researchers and health care professionals.

**Funding Details:** The total amount available for this funding opportunity is $2,025,000, enough to fund approximately 3 grants. The maximum amount per grant is $225,000 per year for up to 3 years for a total of $675,000 per grant.

**Additional Details**
- **Internal HRS Deadline:** August 1, 2018
- **Sponsor Deadline:** August 15, 2018

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**CIHR – Clinical Trials Network in HIV/AIDS (2018)**

The Clinical Trials Network in HIV/AIDS is expected to:

- Develop and implement a strategic, outcome-oriented clinical trials research agenda to ensure alignment with current and emerging priorities in HIV, hepatitis C and/or other STBBIs and related health conditions;
- Sustain a high quality national infrastructure (including methodological expertise, data management and analysis, research support staff and regulatory expertise) to enable Canadian researchers to collaboratively and efficiently conduct innovative and excellent clinical trials and related research across Canada and internationally;
- Accelerate the translation and uptake of new knowledge into clinical applications and guidelines for patient care to support the adoption of best practices by clinicians, caregivers and patients;
- Engage stakeholders and partners (including people living with HIV, hepatitis C and/or other STBBIs; community organizations; Indigenous peoples; clinicians; policy makers; and relevant national networks) in CTN activities and governance committees to ensure their active and meaningful involvement;
- Strengthen Canadian research capacity to conduct and apply clinical research through training and mentoring initiatives; and
- Strengthen the networking and partnership strategies and secure additional funding to maximize the impact and outcomes of the Network and work toward sustainability.

**Eligibility:**

- Since this funding opportunity is a directed grant, only the CIHR Canadian HIV Trials Network (CTN) is eligible to apply.
- The Nominated Principal Applicant must be an independent researcher. The Nominated Principal Applicant will serve as the National Director of the CTN.
- The Nominated Principal Applicant must be appointed at an eligible institution (See [Institutional Eligibility Requirements](#) for eligibility process and associated timelines) at the time of application.
At least two other Principal Applicants, to be National Co-Directors, must be independent researchers. The members of the leadership team (i.e., National Director and Co-Directors) must be located in at least three different CIHR-eligible institutions, in two or more provinces/territories.

At the time of application, one new Core co-lead for each Core must be clearly identified in the Participant table.

**Funding Details:** The total amount available for this funding opportunity is $22,850,000, enough to fund 1 grant. This amount may increase if additional funding partners participate. The maximum amount is $4,570,000 per year for up to 5 years.

**Additional Details**

**Internal HRS Deadline:** August 28, 2018

**Sponsor Deadline:** September 11, 2018

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**CIHR – Fellowship: Banting Postdoctoral Fellowships Program**

The fellowships will be known as the Banting Postdoctoral Fellowships, in memory of Sir Frederick Banting, the Canadian physician, researcher, Nobel laureate and war hero who, together with his assistant Dr. Charles Best, is credited with the discovery of insulin. The Banting Postdoctoral Fellowships program provides funding to the very best postdoctoral applicants, both nationally and internationally, who will positively contribute to the country's economic, social and research-based growth. The program is jointly administered by Canada's three federal granting agencies: the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC). CIHR has been designated as the operational lead for the implementation of the program.

**Funding Details:** The total amount available for this funding opportunity is $9,800,000, enough to fund approximately 70 awards. The maximum amount per award is $70,000 (taxable) per year, for up to two (2) years and a total of $140,000 per award. The funding is not renewable.

**Additional Details**

**Contact Correen Smith in Graduate Studies to Apply**

**Sponsor Deadline:** September 19, 2018

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**CIHR – Operating Grant: Collaborative Health Research Projects (NSERC Partnered) 2018-2019**

In the context of improved health for Canadians, the objectives of the Collaborative Health Research Projects (CHRP) Initiative are to:

- Translate research results to knowledge/technology users (KTUs) and other stakeholders;
- Encourage the natural sciences and/or engineering and health research communities to collaborate and integrate their expertise;
- Advance interdisciplinary research leading to knowledge and technologies;
- Benefit Canada by improving the Canadian healthcare system and/or services;
- Lead to economic opportunities in Canada (where appropriate); and
- Provide training opportunities in collaborative and interdisciplinary research of relevance to health, while preparing them for employment opportunities in the private, public or not for profit sectors.

**Funding Details:** The total amount available for this funding opportunity is $24.875 million. The maximum duration of support for any one grant is three years.

**Additional Details**

**LOI Deadline:** May 29, 2018

**Internal HRS Deadline:** October 23, 2018

**E-approval Competition**

**Sponsor Deadline:** October 30, 2018

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**The Labarge Centre for Mobility in Aging within the McMaster Institute for Research on Aging**

**Catalyst Grant Funding Call for Proposals**

**Catalyst Grants**

Catalyst grants offer the opportunity to conduct collaborative and interdisciplinary research focused on mobility in aging. These grants are intended to stimulate new collaborations and allow researchers to collect preliminary data to support future proposals for full-scale studies. Catalyst grants are valued at up to $40,000 (over one year) to conduct feasibility/pilot studies or scaling of
interventions. These grants require matching funds of at least $5,000 (can include up to $2,500 of in-kind contributions) from alternate sources to support the project.

Requirements
Funds will be allocated for up to six catalyst grants in 2018. Each Faculty is asked to submit one proposal to MIRA through the Associate Dean (Research). Submissions should include researchers from at least three different McMaster Faculties as meaningful contributors to the project. Any researcher who was identified as Principal Investigator (PI) in a 2017 Catalyst Grant may not also be the PI in the current year; however, he/she may participate as a co-investigator.

Funding Details: Catalyst grants are valued at up to $40,000 over one year.

NOI to HRS Deadline: ASAP
Only one application can be submitted by each Faculty under this call. Please contact Tracy Arabski, Director, HRS, at arabski@mcmaster.ca or x22515 with your intent to apply ASAP

The Centre for Aging + Brain Health Innovation (CABHI): Researcher-Clinician Partnership Program (RCP2)
The Centre for Aging + Brain Health Innovation (CABHI): CABHI is a solution accelerator for the aging and brain health sector. Our driving purpose is to facilitate the improvement of healthcare outcomes for older adults by fostering ground-breaking collaborations among leading global innovators and seniors’ care organizations in North America and around the world.

Program Objective: This program is designed to enhance the effectiveness of connecting point of care clinicians in the senior care sector with university-based researchers to collaboratively design, test and validate innovative products, services or health practice in the aging and brain health sector. Through RCP2, CABHI will provide up to $500,000 in funding per project to support those project costs directly associated with the trial testing of an innovative solution at an advanced stage of development within an aging population group in North America.

Challenge Sets: CABHI will direct funding at innovations addressing challenge sets listed below:
- **Aging in place**: solutions that enable older adults with dementia to maximize their choice, independence and quality of life to enable aging in the most appropriate setting
- **Care support**: solutions that support caregivers (formal and informal) in providing care to older adults with dementia
- **Care coordination and navigation**: solutions that help older adults, caregivers and healthcare providers coordinate care and transitions for older adults with dementia
- **Cognitive health**: solutions that focus on health promotion, prevention, early diagnostics, and slow the progression of cognitive impairment for aging adults

Eligibility: Teams may include researchers, clinicians, educators, industry partners and/or end-users located worldwide. However, each team must include at least one clinician and one researcher; one of whom must be identified as the project’s Principal Investigator, who must be employed by an institution that is a Canada Revenue Agency “qualified donee” located in Canada.

Funding Details: Through RCP2, CABHI will provide up to $500,000 in funding per project. Timeline not to exceed 15 months.

Additional Details
Sponsor Deadline: May 18, 2018
*If you are interested in submitting an application, please contact the McMaster Industry Liaison Office (MILO): Carmen Carrasquilla at carrasc@mcmaster.ca  Ext. 21088*

Hamilton Scleroderma Group/Scleroderma Society of Ontario (HSG/SSO) Call for Proposals for Peer Reviewed Funding
The aim is to foster research in systemic sclerosis, and to “seed fund” projects to gather suitable preliminary data to be competitive in larger grants. Faculty at McMaster University are eligible to apply. The research project must be of direct relevance to systemic sclerosis, and ideally will generate pilot data with which to support an application for funding from other sources.

Funding Details: $25,000 maximum per scholarship for one year
AGE-WELL Graduate and Postdoctoral Awards 2018
AGE-WELL is a pan-Canadian network of industry, non-profit organizations, government, care providers, caregivers, end-users, and academic partners working together to drive innovation and create technologies and services that benefit older adults and caregivers. Our vision is to harness and build upon the potential of emerging and advanced technologies in areas such as artificial intelligence (AI), e-health, information communication technologies (ICTs), and mobile technologies to stimulate technological, social, and policy innovation.

Funding Details: AGE-WELL expects to offer the following awards in this 2018 call
- 3 Master’s level awards at $10,000 (1 year award)
- 4 PhD level awards at $15,000 per year (2 year award)
- 3 Postdoctoral level awards at $20,000 (1 year award)

Quebec Consortium for Drug Discovery (CQDM): Quantum Leap
The Quantum Leap program is intended to support outstanding translational research projects implementing state-of-the-art technologies with very high potential impact in key areas of unmet needs within the biopharmaceutical industry. It is expected that the funded technologies should provide valuable opportunities for future collaborations and/or investment from key partners on a global scale. This program is aimed at developing highly innovative technologies, platforms or tools with strong preliminary data showcasing high potential to drastically improve, facilitate and accelerate the process of discovery and development of drugs that prevent, treat or cure diseases in all major indications pursued by the biopharmaceutical industry.

Funding Details: CQDM will consider applications with total budget ranging from $500,000 to $2,000,000. In exceptional cases with outstanding projects, CQDM could consider budget above $2,000,000. Duration will be for projects from 1-3 years.

Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program
The Health Professional Investigator (HPI) Operating Grant provides project funding to principal investigators (PI) who are HHS-employed healthcare professionals. Inter-professional teams, which include physicians, are encouraged, but physicians are not eligible to apply as lead PI for this grant. The HPI Operating Grant is for research initiatives directly relevant to the clinical mission and priorities/strategic plan of HHS (Patients, People, Sustainability, Innovation and Learning). The grant objective is to provide support for pilot studies or research projects that have the potential to lead to larger projects and the possibility of external funding. The HPI Operating Grant offers an opportunity to foster and support a culture of inquiry for novice to novice to mid-career investigators under the mentorship of experienced researchers.

Funding Details: up to $15,000 per grant, three grants available for a one-year term.

Urology Care Foundation 2018 Rising Stars in Urology
The Rising Stars in Urology Research Award program provides up to five years of supplemental salary support to urologists who have successfully competed for career development awards from the National Institutes of Health (NIH) or other major funding organizations. These awards ensure that the salary compensation for those committed to careers in urologic research remain
competitive with that of their clinical urology peers. The program encourages recipients to contribute to urology as both surgical specialists and scientists investigating causes, prevention, treatment and cures that will improve patients' lives.

**Funding Details:** Though the award has a maximum duration of five years, the period of salary supplementation will be commensurate with the period of performance of the existing career development award. Funding starts at $28,000 in year 1 and increases each award year based on the following schedule: year 2, $33,000; year 3, $40,000; year 4, $46,000; and year 5, $52,000.

**Additional Details**
- **LOI Deadline:** May 24, 2018
- **Internal HRS Deadline:** May 24, 2018
- **Sponsor Deadline:** June 7, 2018

### ALS Canada: ALS Canada Project Grant Program 2018
The 2018 Project Grant Program encompasses applications previously designated for Discovery, Bridge or Clinical Management Grant competitions. The purpose of the program is to invest in the best possible projects that are (i) novel research approaches, supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, (ii) part of an ongoing ALS research program, and aimed toward the vision of ALS Canada, which is “A future without ALS” or (iii) research focused on avenues to maximize function, minimize disability and optimize quality of life through symptom management, and support to families and persons or families living with ALS. Examples include, but are not limited to, management of secretions and cramps, psychological interventions to address mental health issues, nutritional interventions, respiratory care, engineering applications to reduce physical limitations, and programs to address the needs of caregivers.

**Funding Details:** Up to $1,000,000 available (anticipated 8 x $125,000 grants for use over 1 or 2 years)

**Additional Details**
- **Internal HRS Deadline:** May 25, 2018
- **Sponsor Deadline:** June 8, 2018

### Mitacs Elevate Spring 2018 Call for Proposals
Mitacs Elevate is a postdoctoral fellowship with a customized research management training component. Fellows address complex challenges through:

- An exclusive research management curriculum for postdoctoral fellows in any discipline
- A minimum one-year research project (normally two years in duration) with a partner organization in need of high-level expertise
- A Partner Organization Business Case, developed to outline project objectives, risks, and stakeholder success criteria, and ensure project value

Elevate fellows progress through the program in a cohort, giving them cross-disciplinary networking and peer-learning opportunities they might not have otherwise in their careers.

**Funding Details:** Elevate fellows receive $55,000 minimum annual stipend/salary (for fellowships awarded after April 1, 2018) and training curriculum valued at $7,500 per year. Maximum 2 years.

**Additional Details**
- **LOI Deadline:** June 13, 2018
- **Internal HRS Deadline:** June 27, 2018
- **Sponsor Deadline:** July 11, 2018

### Mitacs Globalink Research Internship (GRI)
The Mitacs Globalink Research Internship is a competitive initiative for international undergraduates from Australia, Brazil, China, France, India, Germany, Mexico, Saudi Arabia, Tunisia, and Ukraine. From May to October of each year, top-ranked applicants participate in a 12-week research internship 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.

- April to June 2018: Professors submit research projects to Mitacs. All accepted projects are made available to student applicants in an online database. Professor project proposals are due June 13, 2018, by 1 p.m. PT, for 2019 Globalink Research Internships.
• July to September 2018: International students submit applications and select research projects from the online database.
• October to December 2018: Mitacs provides professors with proposed student candidates for their project, including application details, statement of research interests, CV, transcripts, and references. Professors are then encouraged to contact or interview the suggested students and provide feedback to Mitacs.
• January to April 2019: Professors and their accepted student(s) arrange pre-internship details (e.g., reading to be completed beforehand) while Mitacs oversees logistics and coordinates with university administrative offices.
• May to September 2019: Globalink Research Interns arrive in Canada and work with supervising professors for 12 weeks on their research project.

**Additional Details**

Internal HRS Deadline: May 30, 2018
Sponsor Deadline: June 13, 2018

**Bill & Melinda Gates Foundation Grand Challenges - Ending the Pandemic Threat: A Grand Challenge for Universal Influenza Vaccine Development**

The objective of this funding opportunity is to find a game changing, universal solution to all these challenges, the Bill & Melinda Gates Foundation and the Page Family are launching the “Universal Influenza Vaccine Development Grand Challenge” during the centenary year of the 1918 flu pandemic. The goal of this Grand Challenge is to identify novel, transformative concepts that will lead to development of universal influenza vaccines offering protection from morbidity and mortality caused by all subtypes of circulating and emerging (drifted and shifted) Influenza A subtype viruses and Influenza B lineage viruses for at least three to five years. It is envisaged that such a universal influenza vaccine would address the threat from both seasonal and pandemic influenza, thus alleviating the need for annual seasonal influenza vaccination campaigns, averting significant global morbidity and mortality, and better preparing the world for the next influenza pandemic.

**Funding Details:** This request for proposals intends to fund pilot awards of up to USD $2 million over 2 years

**Additional Details**

Internal HRS Deadline: June 8, 2018
Sponsor Deadline: June 22, 2018

**Prostate Cancer Canada: Targeted RFA 2018**

This request for applications (RFA) solicits proposals from groups developing and validating methods to specifically and accurately predict treatment response and/or patient outcome using an appropriate assay. The end goal is clinical validation of the approach and more accurate and personalized selection of treatments for patients with prostate cancer. It is expected that a multidisciplinary approach will be required and each Movember TAG application may consist of independent investigators based in multiple institutions. PCC also strongly encourages, wherever possible, that applications would access and use existing banked clinical specimens. PCC will only consider projects that are completely focused on prostate cancer.

**Funding Details:** up to $1.5M over 3 years

**Additional Details**

LOI Deadline: May 15, 2018
Internal HRS Deadline: June 25, 2018
Sponsor Deadline: July 9, 2018

**The Royal-Mach-Gaensslen Prize for Mental Health Research**

The Royal-Mach-Gaensslen Prize for Mental Health Research was established in 2015 and is awarded annually to recognize and support rising star Canadian research scientists with a focus in the area of mental health. This annual national Prize provides funding to outstanding rising star researchers who are affiliated with a Canadian academic or clinical research institution in the field of mental health, to encourage them to continue to pursue their research interests in Canada. It recognizes those with a demonstrated track record in research with excellence in scientific rigor, innovative thinking, imagination and originality and a clear ability to work in partnership with other disciplines and/or research teams external to the institution with which they are affiliated. This competition will occur once a year for 10 years.

**Funding Details:** $100,000 for one year
**Additional Details**

**Internal HRS Deadline**: July 1, 2018  
**Sponsor Deadline**: July 15, 2018

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**MRIS Early Researcher Awards Round 14**

The Ontario Ministry of Research, Innovation and Science (MRIS) has issued the call for proposals for Round 14 of the Early Researcher Awards (ERA) competition. The ERA program helps promising, recently-appointed Ontario researchers build their research teams of undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians. The ERA program encourages applications from all disciplines. Proposals will be 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%).

**Matching funds are required for this program.** Also, to be competitive, applicants must have a strong history of peer-reviewed funding and must be able to demonstrate academic independence from previous supervisors and the benefits of their proposed research to Ontario. Therefore, it is advised that you meet with your Department Chair and Associate Dean Research to review your CV and secure matching funds.

**Funding Details**: Each award is a maximum of $100,000 over five years. These 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 Ministry 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.

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**Additional Details**

**NOI Due to HRS**: May 29, 2018  
**NOI Due to MRIS**: June 1, 2018  
**Internal HRS Deadline**: July 25, 2018  
**Sponsor Deadline**: August 7, 2018

*If you have any questions regarding the ERA program, please contact Tracy Arabski, Director, HRS, at arabski@mcmaster.ca or extension 22515*

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**The Michael J. Fox Foundation: Alpha-Synuclein Biology and Therapies**

The Michael J. Fox Foundation will award one-to-two-year grants for alpha-synuclein research to advance understanding of alpha-synuclein biology and accelerate therapeutic approaches. This program seeks proposals for research studying:

- The role of alpha-synuclein and modified forms in health and disease
- The relationship between alpha-synuclein structure and physiological functions
- Novel therapeutics approaches targeting intracellular alpha-synuclein or related pathways

A pathological hallmark of Parkinson’s and other neurodegenerative disorders, alpha-synuclein accumulation into Lewy bodies is thought to play a major role in the onset and/or progression of disease. Clinical trials are ongoing for several potential treatments targeting extracellular alpha-synuclein. MJFF will support projects aimed at altering intracellular alpha-synuclein in order to broaden the scope of therapeutic approaches.

**Funding Details**:

- **Biological Pathways & Novel Targets**: 1-2 year grants, up to $150,000
- **Therapeutic Development**: 1-2 year grants, up to $500,000

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**Additional Details**

**LOI Deadline**: May 31, 2018  
**Internal HRS Deadline**: August 3, 2018  
**Sponsor Deadline**: August 20, 2018 (by invite only)

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**The Michael J. Fox Foundation: Biomarkers of Protein Handling/Autophagy, Exosomes and Lipids**

The Michael J. Fox Foundation will award one-to-two-year grants to advance biomarker assays in three highly relevant Parkinson’s disease (PD) biology research areas. Investigators working on assay development, optimization of existing assays and clinical sample assessment are encouraged to apply. This program seeks proposals for research studying biomarkers of:
• Protein handling/autophagy pathways
• Exosomes of neuronal origin (including assays to measure proteins, nucleic acids, lipids or metabolites)
• Lipids (including absolute and relative quantification and identification of lipid series)

To date, research into protein handling, exosomes, and lipidomics has mainly focused on dissecting the molecular pathways, understanding biological dysfunction and elucidating associated pathophysiology. Scientists have observed differences in these cellular processes in cellular and animal models, as well as some data in people with Parkinson’s. The next step in translating these important biological targets for clinical intervention is to develop, validate and assess key markers in human biofluids/biospecimens.

**Funding Details:** Funding is commensurable with the study goals.

**Additional Details**

**LOI Deadline:** May 31, 2018
**Internal HRS Deadline:** August 3, 2018
**Sponsor Deadline:** August 20, 2018 (by invite only)

**The Michael J. Fox Foundation: GBA Biology and Therapies**
The Michael J. Fox Foundation and The Silverstein Foundation for Parkinson’s with GBA will award one-to-two-year grants for GBA research to advance understanding of GBA biology and accelerate therapeutic approaches. This program seeks proposals for research studying:

• How GBA mutations lead to PD
• Mechanisms underlying GCase dysfunction in the absence of GBA mutations
• Novel therapeutic interventions to prevent pathogenic mechanisms triggered by GCase-pathway dysfunction

Mutations in the glucocerebrosidase (GBA) gene are one of the most common risk factors for Parkinson's disease. GBA encodes a lysosomal enzyme, beta-glucocerebrosidase (GCase). Reduced GCase activity is associated with GBA mutations and has been reported in idiopathic PD, suggesting a more general role for GCase pathway dysfunction in Parkinson’s. The exact cellular mechanism by which GCase deficits contribute to the pathogenesis of PD remains unclear, warranting further investigation.

**Funding Details:**

• **Biological Pathways & Novel Targets:** 1-2 year grants, up to $150,000
• **Therapeutic Development:** 1-2 year grants, up to $500,000

**Additional Details**

**LOI Deadline:** May 31, 2018
**Internal HRS Deadline:** August 3, 2018
**Sponsor Deadline:** August 20, 2018 (by invite only)

**The Michael J. Fox Foundation: Non-Pharmacological Interventions for Gait and Balance Disturbances**
The Michael J. Fox Foundation will award one-to-two-year grants to test non-pharmacological interventions for the treatment of gait and balance disturbances in people with Parkinson’s disease (PD). We are particularly interested in proof-of-concept, validation and data-analysis projects. This program seeks proposals for research studying the therapeutic benefit of:

• Assistive devices (e.g., back or leg braces)
• Novel technologies (e.g., laser or wearable devices)
• Rehabilitative therapy programs (e.g., occupational or physical therapy)

Gait and balance disturbances in PD can lead to falls, injury, disability and diminished quality of life. While existing dopamine therapies offer therapeutic benefit in treating motor dysfunction in PD, pharmacological-based interventions may not fully ameliorate challenges in gait and balance.

MJFF will prioritize projects that aim to demonstrate proof of concept of methods, feasibility of use and reasonable merit to help gait and balance disturbance in PD. Promising novel technologies must have at least a prototype available to test for proof of concept. Projects also may aim to analyze preliminary existing data around devices or programs. At the end of the proposed project period, technology or approach has the potential to be quickly integrated into patient care.

Please note: This program is not appropriate for technology development, cognitive-based interventions (e.g., cognitive behavioral therapy) or exercise intervention programs.
Funding Details: 1-2 year grants up to $500,000

Additional Details
LOI Deadline: May 31, 2018
Internal HRS Deadline: August 3, 2018
Sponsor Deadline: August 20, 2018 (by invite only)

Health Quality Ontario: Adopting Research to Improve Care (ARTIC) Program
The Adopting Research to Improve Care (ARTIC) Program is a proven model for accelerating the implementation of research evidence into broader practice, contributing to improving the quality of care across Ontario. It is a continuing partnership co-led by Health Quality Ontario (HQO) and the Council of Academic Hospitals of Ontario (CAHO) and brought to life through the Program’s engagement with a wide array of system partners. Too often, research evidence that improves the quality of care are successfully implemented and adopted into practice in one organization, yet this knowledge is never spread to other organizations. Effective evidence implementation and change management require an investment of time, knowledge, expertise, and funding. The ARTIC Program is designed to support and accelerate the implementation and spread of proven clinical interventions or practice changes by strengthening enablers and addressing barriers to support adoption and spread of research evidence across organizations to achieve optimal impact and outcomes.

Funding Details: For 2018/2019 fiscal year, The ARTIC Program will be funding at least one spread project over a 24-month period. The maximum funding available for projects selected in this call for proposals is $1,000,000.

Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grants Program
The Natural Sciences and Engineering Research Council of Canada (NSERC) is now accepting Notices of Intent to Apply (NOIs) for the 2019 Discovery Grants competition. The Discovery Grants Program supports ongoing programs of research with long-term goals, rather than a single short-term project or collection of projects. These grants recognize the creativity and innovation that are at the heart of all research advances. The objectives of the Discovery Grants Program are to:

- promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- foster research excellence; and
- provide a stimulating environment for research training.

Funding Details: The final rating assigned, the applicant category, and the outcome of the assessment of the relative costs of research will determine the grant level. Discovery Grants are normally awarded for five years.

Additional Details
Draft NOI to ROADS: July 18, 2018
NOI to Sponsor: August 1, 2018
Sponsor Deadline: November 1, 2018
*To Apply, Contact Nathan Coschi, Senior Advisor, ROADS at coschimn@mcmaster.ca or extension 21581*

McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities
The McMaster Institute for Research on Aging (MIRA) aims to optimize the health and longevity of the aging population through leading-edge research, education and stakeholder collaborations. The institute intends to amplify McMaster’s strength in aging-focused research through stimulating new partnerships, facilitating access to research funding, raising the profile of McMaster’s research platforms, and building capacity among students and faculty members. In order to improve the positioning of McMaster’s researchers in external funding competition, MIRA and the Labarge Centre for Mobility in Aging (LCMA) have allocated funding that could be used to match or leverage external funds. This process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.
**Funding Details:** maximum $100,000 (total cash and/or in-kind) non-renewable funding anticipated support 1-2 projects per year

**Additional Details**  
**Sponsor Deadline:** Ongoing

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**MITACS Accelerate Fellowship**  
The Mitacs Accelerate Fellowship provides a long-term funding and internship option for master’s and PhD students. Recipients can also access professional development training that helps them ensure project success and gain in-demand career skills. Interested applicants can apply for the Accelerate Fellowship at any time. All other Accelerate program guidelines apply.

**Funding Details:**
- **Master’s students** - $40,000 total research award for 18 mos. Minimum intern stipend is $30,000 and partner organization contribution is $18,000
- **PhD students** - $80,000 total research award for 36 mos. Minimum intern stipend is $72,000 (24,000/year) and partner organization contribution is $36,000

**Additional Details**  
**Sponsor Deadline:** Ongoing

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**Weston Brain Institute: Early Phase Clinical Trials: Canada**  
Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Early Phase Clinical Trials: Canada program was created to provide funding support for clinical trials and clinical trial sub-studies that have excellent preliminary data. Eligible Principal Applicants must be at or above the level of Assistant Professor or equivalent, and be affiliated with a Canada Revenue Agency-qualified donee institution located in Canada. Co-applicants and Collaborators must be at the post-doctoral level or above, and can be working outside Canada.

An application requires the submission of a Letter of Intent which will be reviewed by our scientific review committee. Applicants with high potential projects will then be invited to submit a Proposal. Instructions for submitting the Proposal will be forwarded to those invited. Applicants can expect to receive the outcome of their LOI application approximately 2 months after submission.

**Funding Details:** A maximum of $1,500,000 per project over up to 4 years.

**Additional Details**  
**Sponsor Deadline:** Ongoing

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**Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award**  
This award program is designed to enhance our existing support of autism research by providing timely resources to enable focused experiments highly relevant to our mission. A deeper understanding of the mechanisms underlying autism spectrum disorders or potential therapeutic approaches will require investigation at multiple levels, including but not limited to studies focused on gene discovery, molecular mechanisms, circuits, anatomy, and cognition and behavior. We will consider proposals at all of these levels.

**Funding Details:** SFARI will support applications for maximum of **$80,000**, including indirect costs, for one year, non-renewable.

**Additional Details**  
**Sponsor Deadline:** Ongoing

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**OCE Voucher for Innovation and Productivity (VIP I) Program**  
The VIP I Program brings industry and academia together to solve industry’s innovation challenges. It helps eligible companies develop, implement and commercialize technical innovations by supporting partnerships between Ontario’s industry and publicly funded post-secondary institutions. The program supports collaborations between industry and post-secondary institutions up to 12 months in duration that lead to knowledge mobilization, commercialization and increased productivity with significant economic impact (i.e. generating new revenues and high-value jobs) for Ontario including the development of new products and/or processes, facilitate productivity improvements. Open to all disciplines, but it has to be a for-profit. Company must have been in operation for a minimum of two years, AND have a minimum of two full-time employees.
Funding Details: OCE will support up to 50% of the eligible research costs, to a maximum OCE investment of $20,000.

Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

OCE Voucher for Innovation and Productivity II (VIP II) Program
The VIP II program helps established Ontario-based companies develop, implement and commercialize technical innovations by supporting partnerships with publicly-funded post-secondary institutions. Projects funded through VIP II address company needs by enabling the development of new products and/or processes, or facilitating productivity improvements, by leveraging post-secondary institutions’ skills and resources. Projects must ultimately help generate new revenues and create high-value jobs for Ontario companies. You can also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.

Funding Details: The VIP II program supports collaborations between companies and publicly-funded post-secondary institutions for durations of 12 and 24 months to a maximum of $150,000

Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

TalentEdge Internship Program (TIP)
Ontario’s TalentEdge Internship Program (TIP) provides support for current college and university students (specifically current graduate students and final year undergraduate students), and recent Masters graduates (within three years of graduation), to work on industry-driven research and development projects. Projects must have a clearly-defined R&D component, where R&D is defined by the discipline and is inclusive of all areas of specialization and disciplines. The TalentEdge Internship Program is open to students and recent graduates from across all disciplines, and all areas of specialization.

Funding Details: Each four-month internship is valued at $20,000 as follows: $10,000 contribution from OCE; $5,000 company cash contribution; $5,000 company in-kind contribution. It is possible to also leverage your sponsor’s contribution through the NSERC CRD program for additional research funds.

Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

TalentEdge Fellowship Program
Ontario’s TalentEdge Fellowship Program (TFP) provides support for Ontario-based PhD graduates and post-doctoral fellows to work on industry-driven research and development projects. Companies can tap into world-class talent coming out of Ontario’s publicly-funded post-secondary institutions and strengthen their capacity to develop new products, services, and processes.

Funding Details: Each 12-month fellowship is valued at $85,000 as follows
- $35,000 contribution from OCE
- $25,000 company cash contribution
- $25,000 company in-kind contribution

Additional Details
Sponsor Deadline: Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

MITACS Accelerate Program
Canada’s premiere research internship program provides interns with the opportunity to transfer their skills from theory to real-world application, while companies gain a competitive advantage by accessing high-quality research expertise. Interns spend
approximately half their time on-site with the industry partner; the remainder is spent at the university advancing the research under the guidance of a faculty supervisor. Not-for-profit organizations are eligible.

**Funding Details:** Funding starts at $15,000

**Additional Details**
**Sponsor Deadline:** Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

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**MITACS Globalink Partnership Award**

The Mitacs Globalink Partnership Award supports research collaborations between graduate students at Canadian universities and international industry partners. The award is open to graduate students in all disciplines at Mitacs Full, Associate and Honorary Partner universities and for-profit companies in any country (except the United States).

**Funding Details:** A $15,000 CAD research grant in the Canadian professor’s name to support student travel and accommodation expenses, research-related expenses, and student stipend.

**Additional Details**
**Sponsor Deadline:** Ongoing
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

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**Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2018**

The Department of Defense has released 6 new funding opportunities for their Breast Cancer Research Program. Please see [Additional Details](#) link for further information. Please note respective deadlines for each award.

**Funding Details:**
- **Era of Hope Scholar Award** – Maximum funding of $2.5M for direct and indirect costs for a maximum of 4 years.
- **Breakthrough Award Levels 1 and 2**
  - Funding Level 1 – Maximum funding of $375,000 for direct and indirect costs for a maximum of 3 years.
  - Funding Level 1 with partnering PI Option – Maximum funding of $600,000 for direct and indirect costs for a maximum of 3 years.
  - Funding Level 2 – Maximum funding of $750,000 for direct and indirect costs for a maximum of 3 years.
  - Funding Level 2 with partnering PI Option – Maximum funding of $1M for direct and indirect costs for a maximum of 3 years.
- **Breakthrough Fellowship Award** – Maximum funding of $300,000 for direct and indirect costs for a maximum of 3 years.

**LOI Deadline:** May 16, 2018 *(A pre-application is required and must be submitted through eBRAP)*
**Internal HRS Deadline:** May 23, 2018
**Sponsor Deadline:** May 30, 2018

**Funding Details:**
- **Innovator Award** – Maximum funding of $5M for direct and indirect costs for a maximum of 4 years.
- **Breakthrough Award Levels 3 and 4**
  - Funding Level 3 – Maximum funding of $2.5M for direct and indirect costs for a maximum of 4 years.
  - Funding Level 3 with partnering PI option – Maximum funding of $4M for direct and indirect costs for a maximum of 4 years.
  - Funding Level 4 and Funding Level 4 with partnering PI option – Maximum funding of $10M for direct and indirect costs for a maximum of 4 years.
- **Distinguished Investigator Award** – Maximum funding of $3M for direct and indirect costs for a maximum of 4 years.

**LOI Deadline:** May 15, 2018 *(A pre-application is required and must be submitted through eBRAP)*
**Internal HRS Deadline:** July 31, 2018
**Sponsor Deadline:** August 14, 2018
Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2018
The Department of Defense has released 5 new funding opportunities for their Ovarian Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Investigator-Initiated Research Award** – Maximum funding of $450,000 for direct and indirect costs for a maximum of 3 years.
- **Pilot Award** – Maximum funding of $250,000 for direct and indirect costs for a maximum of 2 years.

LOI Deadline: **May 30, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **August 8, 2018**
Sponsor Deadline: **August 22, 2018**

Funding Details:
- **Clinical Development Award** – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years. Funding is increased to $800,000 for direct costs with a qualified nested Early Career Investigator.
- **Omic Consortium Development Award** – Maximum funding of $400,000 for direct and indirect costs for a maximum of 2 years.
- **Ovarian Cancer Academy Award** – Early-Career Investigator – Maximum funding of $725,000 for direct and indirect costs for a maximum of 4 years.

LOI Deadline: **July 25, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **August 1, 2018**
Sponsor Deadline: **August 8, 2018**

Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2018
The Department of Defense has released 4 new funding opportunities for their Ovarian Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Discovery Award** – Maximum funding of $200,000 for direct costs (plus indirect costs) for a maximum of 18 months

LOI Deadline: **June 14, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **June 21, 2018**
Sponsor Deadline: **June 28, 2018**

Funding Details:
- **Investigator-initiated Research Award** – Maximum funding of $1.2 million for direct costs (plus indirect costs); $1.5 million for direct costs (plus indirect costs) for applications including a Partnering PI Option Maximum period of performance is 3 years
- **Technology/Therapeutic Development Award** – Maximum funding of $3M for direct costs (plus indirect costs) for a maximum of 3 years

LOI Deadline: **June 12, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **September 6, 2018**
Sponsor Deadline: **September 20, 2018**

Funding Details:
- **Focused Program Award** – Maximum funding of $10 million for total costs (includes direct and indirect costs) for a maximum of 4 years.
Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 5 new funding opportunities for their Ovarian Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Concept Award** – Maximum funding of $100,000 in direct costs (plus indirect costs). Period of performance not to exceed 1 year

LOI Deadline: **June 19, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **September 6, 2018**
Sponsor Deadline: **September 20, 2018**

Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018

The Department of Defense has released 4 new funding opportunities for their Ovarian Cancer Research Program. Please see Additional Details link for further information. Please note respective deadlines for each award.

Funding Details:
- **Impact Award** – Maximum funding for the entire period of performance is $1,000,000 in direct costs (plus indirect costs). Maximum period of performance is 3 years.
- **Idea Award with Special Focus** – Maximum funding for the entire period of performance is $400,000 in direct costs (plus indirect costs). Maximum period of performance is 2 years.
- **Translational Team Science Award** – Maximum funding for the entire period of performance is $1,000,000 for direct costs (plus indirect costs). Maximum performance is 4 years.

LOI Deadline: **June 20, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **September 12, 2018**
Sponsor Deadline: **September 26, 2018**
Funding Details:
- **Career Development Award** – Maximum funding for the entire period of performance is $360,000 in direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** August 28, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 12, 2018
**Sponsor Deadline:** September 26, 2018

**Department of Defense Amyotrophic Lateral Sclerosis Research Program (ALSRP) Funding Opportunities for Fiscal Year 2018**

As directed by the Office of the Assistant Secretary of Defense for Health Affairs, the Defense Health Agency (DHA), J9 Research and Development Directorate manages the Defense Health Program (DHP) Research, Development, Test and Evaluation (RDT&E) appropriation. The managing agent for the anticipated Program Announcements/Funding Opportunities is the Congressionally Directed Medical Research Programs (CDMRP).

The mission of the ALSRP is to fund innovative pre-clinical research to develop new treatments for ALS for the benefit of Service members, Veterans, and the general public.

Funding Details:
- **Therapeutic Development Award** – Maximum funding of $1M for direct costs for the standard award. Maximum funding of $1,250,000 for direct costs for submissions under the Therapeutically Relevant Marker Option. Maximum period of performance is 2 years.
- **Therapeutic Idea Award** – Maximum funding of $500,000 for direct costs for a maximum period of performance of 2 years.

**Additional Details**
**LOI Deadline:** June 22, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 27, 2018
**Sponsor Deadline:** October 11, 2018

**Department of Defense Multiple Sclerosis Research Program (MSRP) Funding Opportunities for Fiscal Year 2018**

The etiology and pathogenesis of MS are largely unknown; however, it is thought to be triggered by a combination of one or more environmental factors in a genetically susceptible individual. MS is a heterogeneous disease that can manifest in many ways across the patient population. The progression, severity, and specific symptoms of MS are unpredictable and vary from one person to another. Currently, there is no cure for MS. Since its inception in fiscal year 2009, the Multiple Sclerosis Research Program (MSRP) has supported innovative and impactful research that addresses fundamental issues and gaps in MS. The vision of the MSRP is to prevent, cure, reverse, or slow the progression and lessen the personal and societal impact of MS.

Funding Details:
- **Investigator Initiated Research Award** – Anticipated that budgets will not exceed $600,000 in direct costs (plus indirect costs). Period of performance not to exceed 3 years.
- **Exploration – Hypothesis Development Award** – Anticipated that budgets will not exceed $150,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years.

**Additional Details**
**LOI Deadline:** June 26, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** October 4, 2018
**Sponsor Deadline:** October 18, 2018

**Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018**

The objective of the FY18 BMFRP is to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF diseases and their progressions to other malignancies, such as leukemia, are acceptable. However, research primarily focused on myeloproliferative neoplasms, leukemia, or
other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

**Funding Details:** Maximum funding of $325,000 for direct and indirect costs for a maximum of 2 years.

**Additional Details**

**LOI Deadline:** July 16, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 18, 2018

**Sponsor Deadline:** November 1, 2018

**Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018**

The GWIRP focuses on funding innovative, competitively peer-reviewed research to (1) provide a better understanding of the pathobiology underlying GWI, (2) identify objective markers (biomarkers) for improved diagnosis, and (3) to develop treatments for the complex of GWI symptoms and their underlying causes. Our Vision is to make a significant impact on GWI and improve the health and lives of affected Veterans and their families.

**Funding Details:**

- **Clinical Trial Award** - Maximum funding of $1,000,000 for direct costs (plus indirect costs). Maximum funding of $1,016,000 for direct costs with the Biorepository Contribution Option (plus indirect costs). Maximum period of performance is 4 years.

- **Investigator-Initiated Focused Research Award** - Maximum direct costs and period of performance vary based on Tier
  - **Discovery Tier:** Maximum funding of $230,000 or 246,000 with the Biorepository Contribution Option for direct costs (plus indirect costs) for a maximum of 2 years.
  - **Applied Research Tier:** Maximum funding of $700,000 or $716,000 with the Biorepository Contribution Option for direct costs (plus indirect costs) for a maximum of 3 years.

- **Qualitative Research Award** - Maximum funding of $400,000 for direct costs (plus indirect costs). The maximum period of performance is 3 years.

**Additional Details**

**LOI Deadline:** July 13, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** October 25, 2018

**Sponsor Deadline:** November 8, 2018
Research Office for Administration, Development and Support (ROADS)  
Funding Opportunities Bulletin  
May 11, 2018

In this issue:

- **Grey to Green 2018 Conference, Green Infrastructure: Growing Jobs, Health & Community Resilience** – May 15 – 16, 2018, Toronto

- **CANARIE**: Webinar May 16, 17, 2018; Canadian Research Software Conference May 29-30, 2018; Call for Research Data Management Software – Application deadline June 20, 2018

- **Centre for Aging + Brain Health Innovation (CABHI): Researcher-Clinician Partnership Program (RCP²)** – Round 3 – Application and Letter of Support deadline May 18, 2018

- **Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants** – NSERC Discovery Grants Webinars May 22, June 19, July 12, 2018; ROADS Discovery Grants Information Session June 5, 2018; ROADS draft Notification of Intent to Apply deadline July 18, 2018; NSERC Notification of Intent deadline August 1, 2018

- **Alex’s Lemonade Stand Foundation for Childhood Cancer**: Grants – Letter of Intent deadline June 11, 2018

- **Mitacs**: Globalink Research Internship – Professor Project deadline June 13, 2018

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

- **Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): Explorer Awards** – Application deadline June 15, 2018

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

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

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

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

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

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

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

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP): Grants – Pre-application deadline July 13, 2018

• Canadian Blood Services: Blood Efficiency Accelerator Award Program – Application deadline July 15, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Bone Marrow Failure Research Program (BMFRP): Grant – Pre-application deadline July 16, 2018

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

Previously announced:

• Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards, Round 14 – Notify ROADS of Intent to Apply as soon as possible, Ontario MRIS Notice of Intent deadline June 1, 2018

• Social Sciences and Humanities Research Council of Canada (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply by April 13, 2018; SSHRC Application deadline June 15, 2018

• Canadian Institutes of Health Research (CIHR) Operating Grant: Collaborative Health Research Projects (NSERC Partnered) – Notify ROADS of Intent to Apply by May 1, 2018; CIHR Letter of Intent deadline May 29, 2018

• Social Sciences and Humanities Research Council (SSHRC): Connection Grants – Webinars May 23, 24, 2018

• Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2018-19 OMAFRA New Directions Research Program – Letter of Intent deadline May 30, 2018

• Hamilton Scleroderma Group/Scleroderma Society of Ontario (HSG/SSO) – Call for Proposals, Scholarship – (extended) Application deadline May 30, 2018

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants – Pre-application deadlines May 30, July 25, 2018

• The Michael J. Fox Foundation: Targeted Funding Opportunities – Pre-Proposal deadline May 31, 2018
• McMaster University, McMaster Institute for Research on Aging, Labarge Centre for Mobility in Aging (LCMA): Grants – Application deadlines May 31, June 11, 2018

• Quebec Consortium for Drug Discovery (CQDM): Quantum Leap – Application deadline June 1, 2018

• ALS Canada: ALS Canada Project Grant Program 2018 – Application deadline June 8, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Peer Reviewed Medical Research Program (PRMRP): Grants – Pre-application deadlines June 12, 14, 19, 2018

• Gerda Henkel Stiftung: General Research Grants – Application deadline June 13, 2018

• Templeton World Charity Foundation: Global Innovations for Character Development – Application deadline June 15, 2018

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

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

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

• Hamilton Community Foundation: The Dougher Community Fund – Application deadline July 13, 2018

• World Anti-Doping Agency (WADA): 2018 Social Science Research Grant Program – Application deadline July 16, 2018

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

• John Templeton Foundation: Grants – Online Funding Inquiry deadline August 31, 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, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.
Grey to Green 2018 Conference, Green Infrastructure: Growing Jobs, Health & Community Resilience

The Grey to Green 2018 Conference is taking place in downtown Toronto, Chestnut Conference Centre, from May 15-16.

The conference will highlight new policy, design practices, innovative products in the green infrastructure sector and their importance in our cities.

- **May 15**: Training, Tours and Opening Plenary Keynotes
- **May 16**: Keynotes, Concurrent Sessions Trade Show and Networking

[https://greytogreenconference.org/](https://greytogreenconference.org/), Venue: [https://greytogreenconference.org/venue-1/](https://greytogreenconference.org/venue-1/)

review, *Green Infrastructure Week, May 13 – 19, 2018* at [https://greytogreenconference.org/giw](https://greytogreenconference.org/giw)

**CANARIE: Call for Research Data Management Software**

CANARIE funds and promotes reusable research software tools and national research data management initiatives to:

- accelerate discovery;
- provide identity management services to the academic community;
- offer advanced networking and cloud resources to boost commercialization in Canada’s technology sector.

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

Eight themes were identified as priority areas:

- Enriching (Meta)Data and Discovery
- Federated Repositories/Interoperability
- Domain-specific Repositories
- Data Deposit and Curation
- Preservation
- Persistent IDs/Citability
- Data Access and Analytics
- Data Privacy and Security

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

[https://www.canarie.ca/rdm/funding-information-rdm-call-1/](https://www.canarie.ca/rdm/funding-information-rdm-call-1/)
**Informational webinar**

CANARIE is hosting an informational webinar. Participants may register for the webinar of their choice:

**May 16, 2018**, 1:00pm (ET), register:  
[https://canarie.zoom.us/webinar/register/WN_eXWwDz98SBaKI8GXs8aSoA](https://canarie.zoom.us/webinar/register/WN_eXWwDz98SBaKI8GXs8aSoA)

**May 17, 2018**, 1:00pm, register:  
[https://canarie.zoom.us/webinar/register/WN_R0lbIf7R-_fnFNXvgp89Q](https://canarie.zoom.us/webinar/register/WN_R0lbIf7R-_fnFNXvgp89Q)

**Value:**
maximum $2.7 million over 18 months
There is no limit on individual funding requests. Funding will cover only labour costs for software development and related activities.

**Application process:**
The CANARIE application deadline is **June 20, 2018**.

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

**CANARIE: Canadian Research Software Conference, May 29-30, 2018, Ottawa**

CANARIE is hosting the first annual *Canadian Research Software Conference* to further build a cohesive Canadian community of research software developers, that advance the use and reuse of powerful software tools.

Academic researchers will learn, collaborate, exchange ideas and discuss common issues, with a goal of ensuring maximum impact of public funds for research through the application of state-of-the-art research software.

[https://www.canarie.ca/software/canadian-research-software-conference/](https://www.canarie.ca/software/canadian-research-software-conference/) and [https://www.canarie.ca/about-us/](https://www.canarie.ca/about-us/)

**cost to attend:** $150.

**Centre for Aging + Brain Health Innovation (CABHI): Researcher-Clinician Partnership Program (RCP²)– Round 3**

The objective of the RCP² is to 1) enhance the effectiveness of connecting point of care clinicians, in the senior care sector, with university-based researchers, 2) collaboratively design, test and validate innovative products, services, or health practice in the aging and brain health sector, 3) address specific themes and solutions listed below:

- **Aging in place**: solutions that enable older adults with dementia to maximize their choice, independence, and quality of life regarding where they live.
- **Caregiver support**: solutions that support caregivers (formal and informal) in providing care to older adults with dementia.
. **Care coordination and navigation**: solutions that help older adults, caregivers, and healthcare providers coordinate care and transitions for older adults with dementia.

. **Cognitive health**: solutions focused on health promotion, prevention, early diagnostics and slowing the progression of cognitive impairment in aging adults.


**Value:**
maximum $500,000 per project over a maximum 15 months

**Application process:**
The CABHI application and letter of support deadline is **May 18, 2018**.

**Contact:**
Carmen Carrasquilla, Business Development Officer, Life Sciences, McMaster Industry Liaison Office, at carrasc@mcmaster.ca or extension 21088

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**Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants**

1) The objective of the *Discovery Grant* is to:

- support creative, innovative, ongoing programs of research with long-term goals;
- promote and maintain a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
- foster research excellence; and
- provide a stimulating environment for research training.

Applicants to the Discovery Grants Program must apply with a program of research that is eligible under NSERC’s mandate (i.e., to promote and assist research in the natural sciences and engineering, other than health).

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

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

**Webinars and Information Session**

NSERC will host Discovery Grants webinars on the following dates:

Dates, time, link: **May 22, June 19, July 12, 2018**, 1:00-3:00pm,
https://nsercofcanada.adobeconnect.com/_a1139318731/complete-application/

ROADS will host an interactive information session featuring Michelle Payne, Program Officer for the Discovery Grant Program for Mathematics and Statistics. Discovery Grant Evaluation Group members from McMaster will share their experiences with the grant review process, and offer guidance to potential applicants.

Date, time, location: **June 5, 2018**, 2:00-4:00pm, MDCL 3020

Register: https://www.eventbrite.ca/e/nserc-discovery-grants-information-session-registration-45914526585
Value:
Applicants submit a budget. Discovery Grants are normally awarded for 5 years.

Application process:
Applicants must submit a draft of the Notification of Intent to Apply to ROADS by July 18, 2018. The NSERC notification of intent deadline is August 1, 2018.

2) NSERC Subatomic Physics Discovery Grant (SAP-DG) – 2019 Competition

The objective of the SAP-DG Program is to assist in:

. promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities;
. fostering research excellence; and
. providing a stimulating environment for research training.

There are two types of SAP-DG: Individual and Project review http://nserc.gc.ca/Professors-Professeurs/Grants-Subs/SPDG-SDPS_eng.asp

Literature specific to all Subatomic Physics Programs (Discovery, Major Resources Support (SAP-MRS), and Category 2 or 3 Research Tools and Instruments (SAP-RTI) is available on the NSERC website. Program descriptions are available in the Grants Programs Overview section of NSERC’s Program Guide for Professors. Instructions regarding application procedures are available in the Instructions section of the Research Portal.

Value:
Applicants submit a budget.  
Individual: maximum 5 years
Project: maximum 3 years

Application process:
The NSERC SAP notification of intent (NOI) deadline is August 1, 2018 for SAP-DG, SAP-MRS, and Category 2 or 3 SAP-RTI grant applications.

The SAP NOI is mandatory. Researchers who do not submit a SAP NOI cannot submit a full application in the Fall.

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

Alex’s Lemonade Stand Foundation for Childhood Cancer: Grants

The Alex’s Lemonade Stand has recently announced the following funding opportunities:

1) 2018 Psychosocial Launch Grant, the objective: to support early career researchers within 7 years of receiving their terminal degree/completing formal training. The funding will support studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. Demonstration of outstanding
mentorship and a career plan that shows commitment to pediatric cancer investigation, are important components of a successful application.

**Value:** maximum $50,000 per year for 2 years;  

2) **2018 Psychosocial Family Impact Grant**, the objective: to support established investigators. This grant is designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer, and whose proposals will have clinically significant impact.  
**Value:** maximum $100,000 per year for 3 years;  

announcement website, [https://www.alexslemonade.org/grants/guidelines](https://www.alexslemonade.org/grants/guidelines)

**Application process:**
The Alex’s Lemonade Stand Foundation letter of intent deadline is **June 11, 2018**.

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

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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, Tunisia, and Ukraine to participate in research projects under the supervision of Canadian university faculty members, in all academic disciplines (i.e., science, engineering and mathematics, humanities and social sciences).


**Value:**
There is no financial commitment required from the supervising professors. Globalink Research Interns receive, free of charge:

- a matched project with a Canadian professor and university based on their research interests, skills, and expertise;  
- flight to Canada;  
- transportation from the airport in Canada to accommodations;  
- stipend for housing;  
- health insurance;  
- stipend towards student enrollment fees;  
- stipend for food and incidentals;  
- support from student mentors on campus;  
- registration for industry events and professional development workshops;  
- Globalink Research Internship certificate of completion.

The interns are required to work 40 hours a week, five days a week, for 12 consecutive weeks from May to September, 2019.

**Application process:**
The Mitacs deadline for professors to submit research projects is **June 13, 2018**.
Weston Brain Institute: Grants

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

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

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

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

**Value**: maximum $200,000 per project over a maximum 18 months; [http://westonbraininstitute.ca/rapid-response-canada-2019/](http://westonbraininstitute.ca/rapid-response-canada-2019/)

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

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

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

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

**Value**: maximum $1,500,000 per project over a maximum 3 years; [http://westonbraininstitute.ca/transformational-research-canada-2019/](http://westonbraininstitute.ca/transformational-research-canada-2019/)

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

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

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

**ROADS contact**:  
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519.
Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): Explorer Awards

The objective of the SFARI Explorer Award is to:

- support innovative, bold, rigorous autism research;
- support exploratory experiments;
- deepen our understanding of the mechanisms underlying autism spectrum disorders, or potential therapeutic approaches;
- support studies focused on gene discovery, molecular mechanisms, circuits, anatomy, cognition and behavior;
- strengthen hypotheses;
- apply to competitive applications for subsequent larger-scale funding by SFARI, or other organizations.

Applications from investigators who are new to the field of autism, but who have expertise that could be brought to bear on this complex disorder, are encouraged.

https://www.sfari.org/grant/explorer-awards-rfa/

Value: maximum $80,000 including indirect costs for 1 year

Application process:
The SFARI application deadline is June 15, 2018. This is the final call for applications for this award.

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

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

The DoD has recently announced the following PRCRP funding opportunities:

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

   review Topic and Military Relevance Focus Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRCRP-IPA.pdf

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

2) Idea Award with Special Focus, the objective: to support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms, and/or methods in cancer research that are relevant to active duty Service
members, Veterans, other military beneficiaries, and the American public.
review Topic and Military Relevance Focus Areas pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRCRP-IASF.pdf

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

3) Translational Team Science Award, the objective: to support hypothesis-driven translational studies. The studies should be associated with a clinical trial and/or existing annotated biorepositories. The proposed project should focus on research for the next-phase clinical trial, or future clinical application.
review Topic and Military Relevance Focus Areas pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRCRP-TTSA.pdf

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

4) Career Development Award, the objective: to support independent, early-career investigators to conduct impactful research with 1) the guidance of an experienced cancer researcher, 2) an emphasis on discovery.
review Topic and Military Relevance Focus Areas pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRCRP-CDA.pdf

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

announcement website: http://cdmrp.army.mil/funding/prcrp

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

Bill & Melinda Gates Foundation, Grand Challenges, Ending the Pandemic Threat:
Universal Influenza Vaccine Development Grand Challenge

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

The Foundation seeks to fund
- ideas that are bold and innovative that bring novel approaches into products ready for human clinical trials;
- interdisciplinary collaboration and cross-fertilization of ideas from outside the traditional influenza research community.
Value:
*Pilot Awards*, $250,000 up to $2 million USD over 2 years

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

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

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

The DoD has recently announced the following MSRP funding opportunities:

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


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

2) **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. The proposed project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.


   **Value**: maximum $150,000 over 2 years


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

ROADS contact:
Virginia Viscardi, Senior Advisor, at [viscavr1@mcmaster.ca](mailto:viscavr1@mcmaster.ca) or extension 24519

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

The DoD has recently announced the following LCRP funding opportunities:

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

The award encourages applications from independent investigators in the early stages of their careers (i.e., within 10 years of their first faculty appointment, or equivalent). Submissions from and partnerships with investigators at DoD military treatment facilities and laboratories, and Department of Veterans Affairs medical centers and research laboratories, are strongly encouraged. 


**Value:** maximum $350,000 over 2 years  
**Application process:** The DoD pre-application deadline is **June 26, 2018.**

2) **Investigator Initiated Translational Research Award**, the objective: to support translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care. 


**Value:** maximum $400,000 over 2 years  
**Application process:** The DoD pre-application deadline is **June 26, 2018.**

3) **Translational Research Partnership Award**, the objective: to support partnerships between clinicians and research scientists, that will accelerate the movement of promising ideas in lung cancer into clinical applications. In addition, one partner in the collaboration is **strongly encouraged** to be an active duty Service member or Federal employee from a DoD military treatment facility or laboratory, or a Department of Veterans Affairs medical center or research laboratory. 


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

4) **Concept Award**, the objective: to support the exploration of a highly innovative, new concept, or untested theory that addresses an important problem relevant to lung cancer. 


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

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

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


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

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

**Value:** maximum $250,000 over 2 years

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


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

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**Escher Fund for Autism: Grants**

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

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

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

2) *Intensive investigation of multi-hit families affected by autism and related neurodevelopmental disorders,* the objective: to support intensive investigation into exposure histories and characteristics of “multi-hit families” with three or more children (including half-siblings) affected by autism and related disorders.

The related disorders include but are not limited to attention deficit hyperactivity disorder, Aspergers, learning disabilities and intellectual disability, social-communication impairments, speech and language impairments, oppositional defiant disorder, intermittent explosive disorder, mood disorders, anxiety, depression, schizophrenia spectrum and psychotic disorders.

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

**Value:**
maximum 25,000

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

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Gulf War Illness Research Program (GWIRP): Grants

The DoD has recently announced the following GWIRP funding opportunities:

1) **Investigator Initiated Focused Research Award (IIFRA)**, the objective: to promote new ideas, support research, or continued development of applied research in GWI that is aimed at diagnosis, or therapeutic advancement. Applications must articulate the pathway to making a clinical impact for Veterans with GWI, even if a clinical impact is not an immediate outcome. All applications must focus on Veterans of the 1990-1991 Gulf War affected by GWI.


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

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

   **Value:**
   
   *Tier 1 – Discovery*, maximum $250,000 over 2 years; *Discovery with Biorepository Contribution Option*: $266,000

   *Tier 2 – Applied Research*, maximum $700,000 over 3 years; *Applied Research with Biorepository Contribution Option*: $716,000

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

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


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

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

   **Application process:**
   The DoD pre-application deadline is **July 13, 2018**.

   **ROADS contact:**
   Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Canadian Blood Services: Blood Efficiency Accelerator Award Program

The objective of the Blood Efficiency Accelerator Award Program is to 1) improve the efficient and appropriate utilization of blood products while maintaining the safety of the blood system, 2) support innovative research projects that seek new knowledge, or accelerate the application of existing knowledge.

A blood product is defined as a therapeutic product derived from the donation of blood or blood components and includes red blood cell and platelet concentrates, plasma and plasma derivatives (including plasma protein products), and hematopoietic stem cells (including those derived from cord blood).

Team composition: All project teams require at least one Canadian Blood Services employee. Applicants are encouraged to contact centreforinnovation@blood.ca if help is needed to identify a Canadian Blood Services project team member.


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

Value:
maximum $30,000 for 1 year

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

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Bone Marrow Failure Research Program (BMFRP): Grant

The DoD has recently announced the following BMFRP funding opportunity:

Idea Development Award, the objective: to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF.

Studies focused on BMF diseases and their progressions to other malignancies such as leukemia, are acceptable. Research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.
The award is designed to support new ideas. Proposed research studies should have a high probability of revealing new avenues of investigation.


**Value:**
maximum $325,000 over 2 years

**Application process:**
The DoD pre-application deadline is **July 16, 2018**.

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

### Weston Brain Institute, Big Ideas: Canada

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

The Institute defines neurodegenerative diseases of aging to include:

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

http://westonbraininstitute.ca/funding-opportunities/big-ideas-canada/

**Value:**
$5,000,000 to $20,000,000 over 5 years
Applicants must identify the total cost of the project, split by year, and major category of expense.

**Application process:**
The Weston Brain Institute Letter of Intent is due **now**. The Letter of Intent is accepted on a rolling basis.

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

Ontario Ministry of Research, Innovation and Science (MRIS): Early Researcher Awards (ERA), Round 14

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

The ERA program encourages applications from all disciplines. The program opens on a competitive basis to researchers who 1) are full-time faculty or principal investigators, 2) have started their first independent academic appointment on or after July 1, 2013, 3) have obtained their first PhD/MD/DVM or terminal degree on or after July 1, 2008.

Applicants must:

- have a strong history of peer-reviewed funding;
- be able to demonstrate academic independence from previous supervisors;
- address the benefits of their proposed research to Ontario.

review Eligibility at https://www.ontario.ca/page/early-researcher-awards#section-1

Applications are evaluated on the excellence of the researcher, the quality of the research, the development of research talent, and the strategic value for Ontario.

Matching funds are required for this program, therefore, it is advised that applicants meet with their Department Chair and Associate Dean Research to review their CV, and secure matching funds.

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

Value:
maximum $100,000 (for direct costs) over 5 years, in addition, maximum $40,000 (for indirect costs)

The funds may be used for salaries, benefits, research-related travel and expenses for undergraduates, graduate students, post-doctoral fellows, research assistants, associates and technicians.

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

Eligible sources of matching funds include:

- cash contributions from the researcher’s Department or Faculty;
- university scholarships to undergraduates, graduate students and post-doctoral fellows;
- private sector cash contributions;
- public sector cash contributions that are not among the list of ineligible sources of matching funds.
review Ineligible partner contributions at https://www.ontario.ca/page/early-researcher-awards-program-guidelines#section-4

Application process:
Notify your Department Chair, Associate Dean Research, and ROADS of intent to apply as soon as possible. The draft Notice of Intent (NOI) and signed matching funds letter are due to ROADS by May 29, 2018. The Ontario MRIS NOI deadline is June 1, 2018.

ROADS contact:
Pamela McIntyre, Assistant Director, Development at mcintyp@mcmaster.ca or extension 23713

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

The objective of the Partnership Engage Grant is to 1) provide short-term, 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, 2) respond to immediate needs and time constraints facing small-scale, stakeholder-driven partnerships/organizations in non-academic sectors, 3) respond to the objectives of the Insight program and the Connection program.

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

SSHRC welcomes applications involving Aboriginal research, as well as those involving research-creation.


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

Application Process:
Notify ROADS of intent to apply by April 13, 2018.

The initial draft of the Application and letters of support are due to ROADS by May 23, 2018. The final draft, and a completed and signed Application Approval Form are due to ROADS by June 7, 2018.

The SSHRC application deadline is June 15, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Canadian Institutes of Health Research (CIHR) Operating Grant: Collaborative Health Research Projects (CHRP) (NSERC Partnered)

The objective of the CHRP Initiative is to support interdisciplinary, collaborative research projects requiring participation from the natural sciences or engineering community, together with the health sciences community. Proposed research projects must be innovative with a strong focus on knowledge translation and lead to 1) health and economic benefits for Canadians, 2) more effective health services and products, and/or 3) a strengthened health care system.

All applicant teams must:

. include at least one science or engineering researcher, and at least one health sciences researcher;
. include trainees (the number of trainees should be commensurate with the size of the project); and
. engage and collaborate with a knowledge/technology user organization that could benefit from the research results.

Special Call, Artificial intelligence (AI): Health and Society (supported by CIHR, NSERC and SSHRC)

Successful projects will bring together researchers from natural sciences and engineering, health sciences, social sciences and humanities to 1) collaborate on innovative AI research applied to health, 2) investigate ethical, legal and/or societal impacts associated with the development, scale and spread of AI in the health sector.

Part of this special call may support applications that are, in addition to the above, relevant to the following areas identified by CIHR institutes:

. To be considered relevant for CIHR-Institute of Aging (CIHR-IA) funding, applications must align with its mandate.

To be considered relevant for CIHR-Institute of Cancer Research (CIHR-ICR) funding, applications must employ AI using medical and non-medical data sets to improve cancer diagnosis and treatment.

. To be considered relevant for CIHR-Institute of Human Development, Child and Youth Health (CIHR-IHDCYH) funding, applications must align with its mandate. Teams are encouraged to include at least one Early Career Investigator as an applicant.

. To be considered relevant for CIHR-Institute of Neurosciences, Mental Health and Addiction (CIHR-INMHA) funding, applications must align with its mandate.

. To be considered relevant for CIHR-Institute of Nutrition, Metabolism and Diabetes (CIHR-INMD) funding, applications must be specifically in the areas of diabetes, gastroenterology, chronic liver and kidney disease.

. To be considered relevant for CIHR-Institute of Population & Public Health (CIHR-IPPH) funding, applications must develop or apply AI approaches to answer population and public health issues that are aligned with the mandate of the Institute.

https://www.researchnet-recherchenet.ca/rnr16/vwOpptntyDtls.do?prog=2855&view=currentOpps&type=EXACT&resultCount=25&sort=program&next=1&all=1&masterList=true
Value:
The total amount available for this funding opportunity is $24.875 million. This amount may increase if additional funding partners participate.

Of the $24.875 million, up to $5.975 million may be available from CIHR, NSERC and SSHRC to fund applications relevant to the special call, *Artificial Intelligence: Health and Society*. This amount may increase if additional funding partners participate.

There is no maximum amount that can be requested. The maximum duration of support is 3 years.

Application process:
Notify ROADS of intent to apply by **May 1, 2018**. ROADS letter of intent draft deadline is **May 15, 2018**. The CIHR letter of intent deadline is **May 29, 2018**.

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

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

In May 2018, SSHRC will hold a series of webinars for applicants and research administrators to provide information and answer questions regarding upcoming *Connection Grants* competitions. review, *Connection Grants* at http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/connection_grants-subventions_connexion-eng.aspx

Webinar participants will have the opportunity to submit written questions via the webinar interface at any point during the presentations. No registration is required.

**Webinar schedule**
English:  **May 23, 2018**; 1:00-3:00pm (eastern)  
Link:  https://sshrc-crsh.adobeconnect.com/rvgw186apt8h/

French:  **May 24, 2018**; 1:00-3:00pm (eastern)  
Link:  https://sshrc-crsh.adobeconnect.com/r8paf1cdd92d/

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**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA): 2018-19 OMAFRA New Directions Research Program

The objective of the *New Directions Research Program* is to 1) support research that stimulates the sustainable growth and competitiveness of Ontario's agri-food, agri-business and rural sectors, 2) develop new and alternative products that have the potential to increase the diversification of agriculture, 3) address challenges, 4) support thriving rural communities, 5) expand market opportunities at home and abroad.

Research Priority Areas:
- Innovation for Ontario's Agricultural Systems and Soils to Reduce Phosphorus Loss
- Sustainable Livestock Production Using Precision Technologies to Support Compliance and Assurance Systems
- Disruptive Technologies


*Value:* maximum per project $200,000 (includes a maximum 25% indirect costs) for 3 years

*Application process:*
The OMAFRA letter of intent deadline is **May 30, 2018**.

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

Hamilton Scleroderma Group/Scleroderma Society of Ontario (HSG/SSO) – Call for Proposals, Scholarship

The objective of this *Scholarship* is to support research in systemic sclerosis and to “seed fund” projects to gather suitable preliminary data to be competitive in larger grants.

Faculty at McMaster University are eligible to apply.

Each application will be reviewed on the following criteria:
- training and mentorship;
- scientific merit and relevance to systemic sclerosis;
- applicant’s credentials as related to the project;
- appropriateness and feasibility of the project;
- appropriateness of budget;
- plan for knowledge translation.

The proposed start dates are determined by the applicant.

The awardee, beneficiary (or delegate) is expected to attend HSG meetings and to present data from the funded study. The awardee is encouraged to submit a poster or oral presentation of their work to a local, national or international conference.
Value:
maximum $25,000 per scholarship for student salary or laboratory costs for 1 year
Salary support of faculty and purchase of equipment are non-eligible expenses.

Application process:
The HSG/SSO extended application deadline is May 30, 2018 at 5:00pm.
Successful applicants will be notified by June 30, 2018.

Contact:
Andrea Gardner, RN, Scleroderma Research Coordinator, HSG and Pulmonary Hypertension Nurse Coordinator, Firestone Institute for Respiratory Health, at gardnera@stjosham.on.ca,
(905) 522-1155 extension 33626. Contact Andrea for Scholarship details and the Application.

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

The DoD OCRP has recently announced the following funding opportunities:

1) 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.

Value: maximum $450,000 over 3 years
Application process: The DoD pre-application deadline is May 30, 2018.

2) 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).

Value: maximum $250,000 over 2 years
Application process: The DoD pre-application deadline is May 30, 2018.

3) Clinical Development Award, the objective: to support the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life. Near-term clinical impact is expected. Proof of concept demonstrating the potential utility of the proposed product, or a prototype/preliminary version of the proposed product should already be established.
Value: maximum $600,000; **Optional Nested Early-Career Investigator** an additional $200,000 over 3 years  
**Application process:** The DoD pre-application deadline is **July 25, 2018.** The application deadline is **August 8, 2018.**

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

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


Value: maximum $400,000 over 2 years  
**Application process:** The DoD pre-application deadline is **July 25, 2018.** The application deadline is **August 8, 2018.**

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

Value: maximum $725,000 over 4 years; Designated Mentor, $30,000 per year  
**Application process:** The DoD pre-application deadline is **July 25, 2018.** The application deadline is **August 8, 2018.**

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

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

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**The Michael J. Fox Foundation (MJFF): Targeted Funding Opportunities**

The MJFF has recently announced the following funding programs:

1) **Alpha-synuclein Biology and Therapies**, the objective: to support projects aimed at altering intracellular alpha-synuclein in order to broaden the scope of therapeutic approaches.

focus:
- the role of alpha-synuclein and modified forms in health and disease;
- the relationship between alpha-synuclein structure and physiological functions;
- novel therapeutic approaches targeting intracellular alpha-synuclein, or related pathways.
Value:
**Biological Pathways & Novel Targets**: maximum $150,000
**Therapeutic Development**: maximum $500,000
1-2 year grants
https://www.michaeljfox.org/research/grant-detail.php?id=34

2) **Biomarkers of Protein Handling/Autophagy, Exosomes and Lipids**, the objective: to advance biomarker assays in three highly relevant Parkinson's disease (PD) biology research areas:

- protein handling/autophagy pathways
- exosomes of neuronal origin (including assays to measure proteins, nucleic acids, lipids or metabolites)
- lipids (including absolute and relative quantification and identification of lipid series)

Value:
commensurable with the study goals
1-2 year grants
https://www.michaeljfox.org/research/grant-detail.php?id=36

3) **GBA Biology and Therapies**, the objective: to advance the understanding of glucocerebrosidase (GBA) biology and accelerate therapeutic approaches.

focus:
- How GBA mutations lead to PD
- Mechanisms underlying GCase dysfunction in the absence of GBA mutations
- Novel therapeutic interventions to prevent pathogenic mechanisms triggered by GCase-pathway dysfunction

Value:
**Biological Pathways & Novel Targets**: maximum $150,000
**Therapeutic Development**: maximum $500,000
1-2 year grants
https://www.michaeljfox.org/research/grant-detail.php?id=35

4) **Non-Pharmacological Interventions for Gait and Balance Disturbances**, the objective: to test non-pharmacological interventions for the treatment of gait and balance disturbances in people with PD

focus:
- assistive devices (e.g., back or leg braces);
- novel technologies (e.g., laser or wearable devices) (novel technologies must have at least a prototype available to test for proof of concept);
- rehabilitative therapy programs (e.g., occupational or physical therapy).

Projects may aim to analyze preliminary existing data around devices or programs. At the end of the proposed project period, the technology or approach must have the potential to be quickly integrated into patient care.

Value:
maximum $500,000
1-2 year grants
https://www.michaeljfox.org/research/grant-detail.php?id=37
announcement website: https://www.michaeljfox.org/research/apply-for-grant.html

**Application process:**
The MJFF pre-proposal deadline is **May 31, 2018**

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

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**McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Grants**

The LCMA has recently announced the following funding opportunities:

1) **Planning Grant**, the objective: to invite the Associate Deans (Research) in each Faculty to submit proposals to explore and establish new cross-Faculty partnerships around the themes of aging and mobility.

The funds are intended to support networking activities (e.g., a workshop or an event) that will facilitate the exploration of research partnerships and project ideas. The goal is to generate research questions that integrate the perspectives of multiple disciplines.

**Value:** maximum $2,000; requires matching funds of at least $500 (may include maximum $250 of in-kind contributions from alternate sources)

**Application process:** The abstract deadline is **May 31, 2018**.  

2) **Catalyst Grant, promoting aging in place through the lens of mobility**, the objective: to invite the Associate Deans (Research) in each Faculty the opportunity to conduct collaborative and interdisciplinary research focused on mobility in aging.

The grants are intended to stimulate new collaborations and allow researchers to collect preliminary data to support future proposals for full-scale studies.

**Value:** maximum $40,000 over 1 year; requires matching funds of at least $5,000 (may include maximum $2,500 of in-kind contributions from alternate sources)

**Application process:** The abstract deadline is **May 31, 2018**.  

3) **Canadian Longitudinal Study on Aging** (CLSA), the objective: to apply for CLSA data access to be considered for MIRA funding.
The MIRA funds will be allocated only to projects that do not have any other funding for this purpose. MIRA membership is required to be eligible.

**Value:** MIRA funding can support access fees of $3,000 for up to 10 applications for CLSA data access.

**Application process:** The application deadline is **June 11, 2018**.
[https://www.clsa-elcv.ca/data-access/data-access-application-process](https://www.clsa-elcv.ca/data-access/data-access-application-process) and [http://mira.mcmaster.ca/research/funding-opportunities](http://mira.mcmaster.ca/research/funding-opportunities)

4) **MIRA and LCMA Matching Funds for Research Opportunities**, the objective: to improve the positioning of McMaster’s researchers in external funding competitions.

The MIRA and the LCMA have allocated funding that could be used to match or leverage external funds. The process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.

**Value:** maximum $100,000 (total cash and/or in-kind) non-renewable funding anticipated support 1-2 projects per year

**Application process:** Proposals are accepted on a **rolling basis**. Applicants should apply at least one month before the grant submission is due.

**Contact** (for all listed above):
Laura Harrington, MIRA/LCMA Managing Director, at harrinl@mcmaster.ca or extension 28658

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

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

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

The Quantum Leap strategic initiative 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.


**Value:**
$500,000 to $2,000,000 for a minimum 1 year - maximum 3 years

**Application process:**
The CQDM application deadline is **June 1, 2018**.
ALS Canada: ALS Canada Project Grant Program 2018

The objective of the Project Grant Program is to support the best possible projects that are 1) novel research approaches supported by sound rationale and a feasible experimental plan, but not necessarily preliminary data, 2) part of an ongoing ALS research program and aimed toward the vision of ALS Canada (i.e., a future without ALS), or 3) research focused on avenues to maximize function, minimize disability, optimize quality of life through symptom management and support to families living with ALS.

Examples include, but are not limited to:

- management of secretions and cramps;
- psychological interventions to address mental health issues;
- nutritional interventions;
- respiratory care;
- engineering applications to reduce physical limitations;
- programs to address the needs of caregivers.

https://www.als.ca/research/apply-for-funding/

Value:
maximum $125,000 over 1 or 2 years

Application process:
The ALS Canada application deadline is June 8, 2018.

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

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

The DoD PRMRP has recently announced the following funding opportunities:

1) Investigator-Initiated Research Award, the objective: to support studies that will make an important contribution toward research and/or patient care (i.e., military Service members, Veterans and/or beneficiaries) for a disease or condition related to at least one of the Topic Areas, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-PRMRP-IIRA.pdf. Research projects may focus on any phase of research from basic laboratory through translational, including preclinical studies in animal models and human subjects, as well as correlative studies associated with an existing clinical trial.

Value: single Principal Investigator (PI) $1.2 million; Partnering PI Option $1.5 million, over 3 years

Application process: The DoD pre-application deadline is June 12, 2018.
2) **Technology/Therapeutic Development Award**, the objective: to provide support for the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life, in at least one of the **Topic Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRMRP-TTDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRMRP-TTDA.pdf). The product(s) to be developed may be a tangible item (e.g., a pharmacologic agent (drugs or biologics) or device), or a knowledge-based product that 1) addresses an identified need in a Topic Area, 2) is based on current evidence and research, 3) aims to transition into medical practice, training, tools, or to support materiel solutions (i.e., systems to develop, acquire, provide, and sustain medical solutions and capabilities), and 4) educates or impacts behavior throughout the continuum of care, including primary prevention of negative outcomes.

**Value**: $3 million over 3 years  
**Application process**: The DoD pre-application deadline is **June 12, 2018**.

3) **Discovery Award**, the objective: to support innovative, non-incremental, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications in at least one of the **Topic Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRMRP-DA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRMRP-DA.pdf). Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on a sound scientific rationale and study design.

**Value**: $200,000 over 18 months  
**Application process**: The DoD pre-application deadline is **June 14, 2018**. The application deadline is **June 28, 2018**.

4) **Focused Program Award**, the objective: to optimize research and accelerate the solution for a critical question related to at least one of the Congressionally directed **Topic Areas** through a synergistic, multidisciplinary research program. **Topic Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-PRMRP-FPA.pdf](http://cdmrp.army.mil/funding/pa/FY18-PRMRP-FPA.pdf)

**Value**: $10 million over 4 years  
**Application process**: The DoD pre-application deadline is **June 19, 2018**.

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

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

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**Gerda Henkel Stiftung: General Research Grants**

The objective of the **General Research Grant** is to support historical humanities, in particular, to support research projects in the fields of Archaeology, Art History, Historical Islamic Studies, History, History of Law, History of Science, Prehistory and Early History.

[https://www.gerda-henkel-stiftung.de/research_grants](https://www.gerda-henkel-stiftung.de/research_grants)

**Value**:  
max. 15,000 euros  
Applicants are requested to submit a detailed cost calculation (e.g., personnel, travel, materials and/or other costs) for a maximum of 12 months.
Application process:
The Gerda Henkel Stiftung application deadline is **June 13, 2018**.

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

**Templeton World Charity Foundation: Global Innovations for Character Development (GICD)**

The objective the *GICD* initiative is to 1) develop a portfolio of scientific innovations to promote character development through proof-of-concept and transition-to-scale awards, 2) stimulate innovations that promote and nurture character strengths among individuals and communities, 3) attract high-quality applications for character development research and implementation projects in low and middle income countries worldwide, and throughout Latin America and the Caribbean.

The lead applicant (Principal Investigator) must be affiliated with an institution based in one of the countries listed in *Appendix 1*. review, *Appendix 1*, pages 11-12 at https://www.globalcharacter.org/sites/default/files/GICD%20-%20RFP-Document%20-%20March-2018.pdf

Implementation of the project must take place in an eligible country listed in Appendix 1.

There are no restrictions on the affiliation of the co-Principal Investigator or other collaborators, and collaborations between researchers from eligible countries and other parts of the world are strongly encouraged.

The Foundation conceives of character strengths as learned and learnable attributes, virtues, skills, habits or capabilities that enable individuals to live better, more fulfilling and prosperous lives. Examples include, but are not limited to:
- gratitude;
- honesty;
- humility;
- kindness;
- perseverance;
- responsibility;
- forgiveness;
- empathy.

The Foundation strongly encourages the identification and study for character strengths, not listed here, which are embedded in local cultures, languages and countries

**Ten proof-of-concept** awards will be provided to proposals that:

- develop and evaluate novel approaches to fostering character strengths; and
- develop contextually appropriate scales for measuring character strengths.

Successful proposals will demonstrate a clear path to generating impact on individuals through demonstrable changes in knowledge, awareness, and the practice of character strengths. All proposals must include a rigorous evaluation methodology.
The Foundation is also offering an award to scale up a **character development innovation**. This opportunity is open to innovations that have a peer-reviewed evidence base, and that are ready to achieve substantial impact through widespread implementation.

The Foundation intends several rounds of funding in this initiative over the next several years.

[https://www.globalcharacter.org/](https://www.globalcharacter.org/)

**Value:**

- **proof-of-concept:** maximum $234,000 USD
- (scale up) **character development innovation:** $1 million

Projects should not exceed 24 months in duration.

**Application process:**
The Templeton World Charity Foundation application deadline is **June 15, 2018**.

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

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs, FY18 Amyotrophic Lateral Sclerosis Research Program (ALSRP) – Grants**

The DoD ALSRP has recently announced the following funding opportunities:

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

Examples of activities that will be supported by this award include:

- confirmation of candidate therapeutics obtained from screening or by other means, including optimization of potency and pharmacological properties, and testing of derivatives and sister compounds;

- validation of early pilot studies, including the use of multiple ALS model systems and/or replicating preliminary data, with more time points or additional doses;

- studies on formulation and stability leading to Good Manufacturing Practice production methods;


Additional funding is being offered for the co-development of markers that will enhance the drug development process. Review **Therapeutically Relevant Marker Option**, page 4 at [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TDA.pdf)
Value:
maximum $1 million; *Therapeutically Relevant Marker Option* $1,250,000 over 2 years

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

Value:
maximum $500,000 over 2 years

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

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

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

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

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

The PCC has recently announced the following funding opportunities:

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

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

announcement website: http://www.cleanc ompetition.org/

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

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

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

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

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

1) **Early Career Grant**, the objective: to offer less experienced individuals an opportunity to lead a project. Applicants are not required to have an advanced degree. Applicants with more than five years of professional experience in the field of their project focus are not eligible to apply.
   **Value**: $5,000 - $10,000 USD, maximum 1 year
   review **Eligibility** at [https://www.nationalgeographic.org/grants/eligibility/](https://www.nationalgeographic.org/grants/eligibility/)

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

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

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

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

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

Hamilton Community Foundation: The Dougher Community Fund

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

Applications will be considered in the following areas:

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

https://www.hamiltoncommunityfoundation.ca/grants/grant/dougher-community-fund/

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

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

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

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

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

WADA-supported research requires that anti-doping education programs and initiatives are grounded in scientific knowledge and evidence. All proposals, regardless of topic, should provide a strong rationale underpinned by a sound appraisal of the evidence base.

Proposals are invited for research that specifically “**measures the effectiveness of existing anti-doping strategies and interventions**”. Applicants must clearly demonstrate how the results of the proposed research have the potential to inform the development of effective doping prevention programs.

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

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

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

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

**Value:**
$100,000 USD or more, maximum 3 years
Application process:
The WADA application deadline is **July 16, 2018**.

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

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**Harry Frank Guggenheim Foundation: Research Grants**

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

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

The highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world.

review *Research Priorities* at [http://hfg.org/rp/youth.htm](http://hfg.org/rp/youth.htm)

http://hfg.org/

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

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

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

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**John Templeton Foundation: Grants**

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

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

Core Funding Areas:

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

review *Funding Areas* at [https://www.templeton.org/funding-areas](https://www.templeton.org/funding-areas)
The Foundation has announced two grant types: Small; Large

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

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

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

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

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

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

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

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

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

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

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

A maximum $5,000 is available for an exceptional proposal.
Application process:
The ICLR will accept applications at all times.

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

Shastri Indo-Canadian Institute (SICI): Grants

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

1) **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review **Scope of GIAN**, priority areas at [http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/](http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/))

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

Application Process:
Applications can be submitted throughout the year.

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

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

Application Process:
Applications can be submitted throughout the year.

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


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

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

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

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

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

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


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

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

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

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

The objective of the *International & Interdisciplinary Research Workshops* is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are 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.
Value:
CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.

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

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

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

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

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

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

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

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