Week of May 25, 2018

Dear colleagues,

Please find below this week's updates:

- Please find attached the May 25 issue of the **HRS Funding Opportunities Bulletin**
- Please find attached the May 25 issue of the **ROADS Funding Opportunities Bulletin**
- You are invited to join us at **Grand Rounds** next week on **May 31, 2018 at 8:00 am**. Medical Grand Rounds - SJH will be hosting Dr. Hymn Mach in the Miller Amphitheatre who will be speaking on **Medical Cannabinoids – Review of Evidence and Current Practice Guidelines**. Medical Grand Rounds - HHS will be hosting Dr. Noel Chan and further details will be announced shortly. Further information on these events, and many others taking place in the Department, can be found in the **ETA Calendar**.

- Please note that over the summer months the **Weekly Update** will be seen every other Friday with regular distribution resuming in September. As always, any time-sensitive communications will be forwarded as needed.

If you have anything you would like to share with your colleagues, please submit it to Sara Sellers at sellers@mcmaster.ca

Mark A. Crowther  
Professor and Chair, Department of Medicine
News & Events

CIHR Launches new Equity and Diversity Questionnaire for Applicants
CIHR manages over 100 funding competitions each year. As outlined in the CIHR Equity Strategy, we are committed to ensuring that all CIHR programs and peer review processes result in the fair and impartial treatment of all participants. To fulfill this commitment, CIHR must collect data on a number of equity dimensions to allow us to identify and address potential inequities. As of May 15, 2018, ALL application participants for ALL CIHR programs must complete an Equity and Diversity Questionnaire. BE PROACTIVE: If you have a ResearchNet (RNet) account login NOW and complete the survey info in RNet Account Settings per the linked RNet instructions here.

Read More

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://nsercinfosessionjun5.eventbrite.ca

NSERC will also host Discovery Grants webinars on the following dates:
- Tuesday, June 19, 2018
- Thursday, July 12, 2018

Time: 1:00pm-3:00pm

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

Health Research Grant Competitions
Programs administered by Health Research Services, unless otherwise indicated. Email: hsresadm@mcmaster.ca

<table>
<thead>
<tr>
<th>Funding Opportunity (CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR – Canada Graduate Scholarships – Michael Smith Foreign Study Supplement</td>
<td>May 28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIHR – Team Grant: Transnational Cardiovascular Research Projects</td>
<td>Jun 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIHR - Team Grant: E-Rare-3 Joint Transnational Call (2018)</td>
<td>Jun 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CIHR - Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2</td>
<td>Aug 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> CIHR – Operating Grant: Understanding the Health Impact of Inactivity</td>
<td>Jul 24</td>
<td>Aug 7</td>
<td>Aug 21</td>
</tr>
<tr>
<td>CIHR – Fellowship: Banting Postdoctoral Fellowships Program</td>
<td></td>
<td>Contact Graduate Studies</td>
<td></td>
</tr>
<tr>
<td><em>NEW</em> CIHR - Operating Grant: Epigenetics Clinical Translation</td>
<td>Sep 5</td>
<td>Sep 26</td>
<td>Oct 10</td>
</tr>
</tbody>
</table>
In this issue:

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

- **Vasculitis Foundation: Research Program** – Letter of Intent deadline June 15, 2018

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

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

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

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

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

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

- **Department of Defense, Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP)** – Grants – Pre-application deadlines July 6, July 19, August 16, September 6, 2018

- **Tinker Foundation Inc: Institutional Grants** – Letter of Inquiry deadline July 9, 2018; Application deadline September 15, 2018

- **Department of Defense, Congressionally Directed Medical Research Programs: FY18 Tuberous Sclerosis Complex Research Program (TSCRP)** – Grants – Pre-application deadline July 11, 2018
• Canadian Frailty Network in partnership with the Canadian Institutes of Health Research (CIHR) Institute of Aging; CIHR Institute of Circulatory and Respiratory Health; CIHR Institute of Musculoskeletal Health and Arthritis; Canadian Space Agency: 2018 Understanding the Health Impact of Inactivity Funding Opportunity – Registration deadline July 24, 2018; Application deadline August 21, 2018

• Department of Defense, Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants – Pre-application deadline July 26, 2018

• The Conserver Society of Hamilton and District Inc.: Ed Smee Fund – Notice of Interest deadline August 30, 2018

• Leukemia & Lymphoma Society: Specialized Centre of Research Program – Letter of Intent deadline August 31, 2018

• Louisville Institute: Grants – Application deadlines September 1, October 1, November 1, 2018, January 15, 2019


Previously announced:

• 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

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

• McMaster University, McMaster Institute for Research on Aging, Labarge Centre for Mobility in Aging (LCMA): Grants – Application deadlines June 11, 2018

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

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

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

• Natural Sciences and Engineering Research Council of Canada (NSERC): Discovery Grants – NSERC Discovery Grants Webinars June 19 and 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

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

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

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

• 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

• 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

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

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

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

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

• Department of Defense, Congressionally Directed Medical Research Programs, FY18 Ovarian Cancer Research Program (OCRP): Grants – Pre-application deadline, July 25, 2018
- Harry Frank Guggenheim Foundation: Research Grants – Application deadline August 1, 2018
- John Templeton Foundation: Grants – Online Funding Inquiry deadline August 31, 2018
- Weston Brain Institute, Big Ideas: Canada – Letter of Intent accepted on a rolling basis
- Institute for Catastrophic Loss Reduction (ICLR): ICLR Quick Response Program – Applications are accepted at all times
- Shastri Indo-Canadian Institute: Grants – Applications are open submissions
- Weston Brain Institute, Early Phase Clinical Trials: Canada – Letter of Intent is accepted on a rolling basis.
- Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.
- Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.

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

The objective of the ***Connection Grant*** is to support **events** and **outreach activities** geared toward short-term, targeted knowledge mobilization initiatives. Events and outreach activities funded by this grant may often serve as a first step toward more comprehensive and longer-term projects, potentially eligible for funding through other SSHRC funding opportunities.

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

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

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

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

Value:
Event funding: maximum $25,000 over 1 year (the minimum request required is $7,000)
Outreach Activities funding: maximum $50,000 over 1 year

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

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

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

Vasculitis Foundation: Research Program

The objective of the Research Program is to provide seed grants to support pilot studies in researching:

- etiology/pathogenesis (may include a broad range of studies of immunity, inflammation, or vascular biology);
- epidemiology, including genetics;
- diagnosis including identification of disease subtypes;
- treatment/management including therapeutics to treat vasculitis or prevent complications, bio markers and psychosocial outcomes.

Special request for proposals

The Vasculitis Foundation is partnering with the Swiss Foundation for Research on Muscle Diseases to fund research on Polymyalgia rheumatica. review http://www.treat-nmd.eu/organisations/swiss.foundation.research.muscle.diseases/
Contact: Joyce Kullman, VF Executive Director at jakullman@vasculitisfoundation.org

https://www.vasculitisfoundation.org/research/research-program/

Value:
maximum $50,000 for 12 months, or maximum $50,000 per year for 2 years

Application process:
The Vasculitis Foundation letter of intent deadline is June 15, 2018.

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


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

Application process: The SFARI notice of intent deadline is **June 22, 2018**. The application deadline is **July 27, 2018**.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tick-Borne Disease Research Program (TBDRP) - Grants

The DoD TBDRP has recently announced the following funding opportunities:

1) **Career Development Award**, the objective: 1) to support independent, early-career investigators (i.e., within 10 years of completion of his/her terminal degree at the time of application), and 2) to conduct impactful research, with an emphasis on discovery, with the mentorship of an experienced tick-borne diseases researcher. review **Focus Areas**, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-TBDRP-CDA.pdf

Value: maximum $300,000 over a maximum 3 years

Application process: The DoD letter of intent deadline is **June 25, 2018**. The application deadline is **September 27, 2018**.

2) **Idea Award**, the objective: 1) to support conceptually innovative, high-risk/potentially high-reward research in the early stages of development, that could lead to critical discoveries or major advancements, 2) accelerate progress in improving outcomes for individuals affected by Lyme disease and/or other tick-borne illnesses. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. review **Focus Areas**, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IA.pdf

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

Application process: The DoD pre-application deadline is **June 25, 2018**.
3) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact studies that have the potential to make important contributions to Lyme disease and other tick-borne diseases research, patient care and/or quality of life. The award promotes a wide range of research from 1) basic through translational, including preclinical studies in animal models or human subjects, 2) correlative studies, associated with an existing clinical trial, to establish proof-of-principle for further development in future studies. Review **Focus Areas**, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IIRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-TBDRP-IIRA.pdf)

**Value:** maximum $650,000 over a maximum 3 years

**Application process:** The DoD pre-application deadline is **June 25, 2018**.

**annoucement site:** [http://cdmrp.army.mil/funding/tbdrp](http://cdmrp.army.mil/funding/tbdrp)

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

**BrightFocus Foundation: Macular Degeneration Research Program**

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

[https://www.brightfocus.org/grants/types-grants](https://www.brightfocus.org/grants/types-grants)

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

**Application process:**
The BrightFocus Foundation letter of intent deadline is **June 26, 2018**.

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

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

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

**Priority areas:**

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

b) *Actions/Research exploring compensation issues and gender inequality in Ontario's emerging workplace conditions.*

sample of activities/research: intersectional factors; exploring comparative awards for executives, total compensation packages, and quantifying compensation practices (e.g., flex-time)

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

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

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

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

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

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

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

The EJAF values programs that:

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

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

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

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

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Autism Research Program (ARP) – Grants

The DoD ARP has recently announced the following funding opportunity:

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

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

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

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

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Prostate Cancer Research Program (PCRP) – Grants

The DoD PCRP has recently announced the following funding opportunities:

1) _Idea Development Award_, the objective: to support new ideas that represent innovative approaches to prostate cancer research.
Investigators are strongly encouraged to incorporate the following components into their study design, where
appropriate: authentication of proposed cell lines; statistical rigor of preclinical animal experiments and epidemiological studies; incorporation of experiments to assess clinical relevance and translatability of findings; validation in patient cohorts.

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

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

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

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

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

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

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3) **Early Investigator Research Award**, the objective: to support prostate cancer-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors.

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

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

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

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

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

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**Tinker Foundation Inc. Institutional Grants**

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

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

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

All projects must have a strong public policy component, offer innovative solutions to problems facing these regions, and incorporate new mechanisms for addressing these programmatic areas.
Activities may include but are not restricted to research projects, workshops, and conferences.

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

https://www.tinker.org/content/institutional-grants

Value:
Applicants submit a budget and estimate the duration of their project.

Application process:
The Tinker Foundation letter of inquiry deadline is July 9, 2018. The application deadline is September 15, 2018.

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

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Tuberous Sclerosis Complex Research Program (TSCRP) – Grants

The DoD TSCRP has recently announced the following funding opportunities:

1) **Exploration Hypothesis Development Award**, the objective: to support the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field. The studies are expected to generate preliminary data for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.


   **Value**: maximum $100,000 over a maximum 2 years

   **Application process**: The DoD pre-application deadline is July 11, 2018. The application deadline is August 2, 2018.

2) **Idea Development Award**, the objective: to support 1) ideas that have the potential to yield high-impact findings and new avenues of investigation, 2) conceptually innovative research that could ultimately lead to critical discoveries in TSC and/or improvements in patient care. Research projects should include a well-formulated, testable hypothesis based on strong preliminary data and scientific rationale.


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

   **Application process**: The DoD pre-application deadline is July 11, 2018. The application deadline is August 2, 2018.

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

   **ROADS contact**:
   Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Canadian Frailty Network in partnership with the Canadian Institutes of Health Research (CIHR) Institute of Aging; CIHR Institute of Circulatory and Respiratory Health; CIHR Institute of Musculoskeletal Health and Arthritis; Canadian Space Agency: 2018 Understanding the Health Impact of Inactivity Funding Opportunity

The objective of this funding opportunity is to 1) support ambitious, innovative, multi-disciplinary, collaborative research projects to understand the health impacts of inactivity involving older adults, 2) develop solutions for improving the quality of life of older adults, and inform transitions in care, 3) mitigate health risks associated with life in space, and 5) include an exercise countermeasure intervention to mitigate the health impacts associated with inactivity and weightlessness.


A webinar was scheduled May 24, 2018. To receive the webinar slides and a questions and answers document, email support@cihr-irsc.gc.ca.

Value:
maximum $200,000 for a maximum 18 months
review Funds Available at https://www.researchnet-recherchenet.ca/rnr16/viewOpportunityDetails.do?progCd=10868&language=E&fodAgency=CIHR&view=browseArchive&browseArc=true&org=CIHR

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

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscardv1@mcmaster.ca or extension 24519

Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Neurofibromatosis Research Program (NFRP) – Grants

The DoD NFRP has recently announced the following funding opportunities:

1) Exploration-Hypothesis Development Award, the objective: to support the initial exploration of innovative, high-risk, high-gain and potentially groundbreaking concepts in NF research. Innovative research may introduce a novel paradigm, challenge existing paradigms, examine existing problems from novel perspectives, or exhibit other highly creative qualities. All studies are expected to lay the groundwork for future avenues of scientific investigation. The presentation of preliminary and/or published data is encouraged, but not required. review Areas of Emphasis, pages 3-4 at http://cdmrp.army.mil/funding/pa/FY18-NFRP-EHDA.pdf

Value: maximum $100,000 over a maximum 2 years

Application process: The DoD pre-application deadline is July 26, 2018. The application deadline is August 9, 2018.
2) **Investigator-Initiated Research Award**, the objective: to support highly rigorous, high-impact research projects that have the potential to make an important contribution to NF research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory discovery, population-based studies, a clinician’s firsthand knowledge of patients, or anecdotal data.


**Value**: Single Principal Investigator, maximum $525,000 over a maximum 3 years; **Optional Qualified Collaborator**, maximum $575,000

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

3) **New Investigator Award**, the objective: to support the continued development of promising independent investigators and/or the transition of established investigators, from other research fields, into a career in the field of NF research. Prior experience in NF research is not required, however, Principal Investigators with a limited background in NF research are strongly encouraged to have a collaborator who is experienced in the NF field.

Research projects may focus on any phase of research, excluding clinical trials. Applications must include preliminary and/or published data.


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

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

4) **Early Investigator Research Award**, the objective: to support NF-focused research opportunities for individuals in the early stages of their careers, under the guidance of a designated Mentor(s).


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

**Application process**: The DoD pre-application deadline is **July 26, 2018**. The application deadline is **August 9, 2018**.

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

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

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

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

All initiatives must meet the following criteria:

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

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

Value:
Requests of up to $4,500 will be considered for 2018.

Application process:
The Conserver Society of Hamilton and District Inc. notice of interest deadline is **August 30, 2018**.

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

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**Leukemia & Lymphoma Society: Specialized Centre of Research Program (SCOR)**

The objective of the SCOR grant program is to enhance the development of innovative strategies for the treatment, diagnosis, or prevention of hematological malignancies.

http://www.lls.org/research/specialized-center-of-research-program

Value:
maximum $1,000,000 per year for 5 years

Application process:
The Leukemia & Lymphoma Society letter of intent deadline is **August 31, 2018**.

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

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**Louisville Institute – Grants**

The Louisville Institute has recently announced the following funding opportunities:

1) **Pastoral Study Project**, the objective: to allow pastoral leaders time and resources to investigate issues related to Christian ministry and leadership, North American religious practices and institutions, or major challenges facing wider, contemporary society.
   https://louisville-institute.org/programs-grants-and-fellowships/grants/pastoral-study-project/

   **Value:** maximum $15,000 for a maximum of 18 months

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

2) **Project Grant for Researchers**, the objective: to support research, reflection, and writing by academics and pastors concerning Christian faith and life, the practice of ministry, and/or religious institutions.
Acceptable projects include those that may involve independent study, consultations, or collaborative projects involving pastors and academics

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

Value: maximum of $30,000 for a maximum of one year.

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

3) **Sabbatical Grant for Researchers**, the objective: to enable academics and religious leaders the ability to conduct a major study that can contribute to the validity of Christianity in North America, that 1) addresses Christian faith and life, 2) the practice of ministry, and/or 3) adaptive challenges confronting religious institutions.

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

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

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

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


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

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

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

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

**Accessible Technology Program**

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


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

Application process:
The Government of Canada application deadlines are:

- January 2, 2019 to receive funding starting early 2019-20;
- June 2, 2019 to receive funding starting late 2019-20;
- January 2, 2020 to receive funding starting early 2020-21;
- June 2, 2020 to receive funding starting late 2020-21;
- January 2, 2021 to receive funding starting early 2021-22
- June 2, 2021 to receive funding starting late 2021-22

Contact:
Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at vuyitun@mcmaster.ca or extension 23164
Previously announced:

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

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/)

**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](https://www.canarie.ca/software/canadian-research-software-conference/)

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.
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) **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 and http://mira.mcmaster.ca/research/funding-opportunities

2) **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

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) **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 and http://mira.mcmaster.ca/research/funding-opportunities

2) **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. http://mira.mcmaster.ca/docs/default-source/Documents-and-Files/matchingfunds_process_final.pdf?sfvrsn=0 and http://mira.mcmaster.ca/research/funding-opportunities

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

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**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; https://www.alexslemonade.org/sites/default/files/2018_loi_psychosocial_launch_guidelines_final.pdf

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; https://www.alexslemonade.org/sites/default/files/2018_loi_psychosocial_family_impact_guidelines_final.pdf

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


**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)
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

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

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).

https://www.mitacs.ca/en/programs/globalink/globalink-research-internship

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

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.


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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**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/](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
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: June 19 and July 12, 2018, 1:00-3:00pm, https://nsercsc.nd.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-SPDS_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

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**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](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](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](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 **Eligibility**, page 8, at [http://cdmrp.army.mil/funding/pa/FY18-PRCRP-CDA.pdf](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**.


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

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

The DoD ALSRP has recently announced the following funding opportunities:

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

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

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

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

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

. IND-enabling studies to include compound characterization, absorption, distribution, metabolism and excretion studies, dose/response and toxicology studies in relevant model systems.

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

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

2) **Therapeutic Idea Award**, the objective: to promote new ideas aimed at drug or treatment discovery that are still in the early stages of development. Development and/or modification of preclinical model systems, or the application of high-throughput screens to define or assess lead compounds for ALS treatment, are of interest. Development of methods to adequately measure target binding and proximal downstream effects (target engagement), and the potential for undesirable activities at related but unintended targets (selectivity), are also encouraged. [http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TIA.pdf](http://cdmrp.army.mil/funding/pa/FY18-ALSRP-TIA.pdf)

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

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

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

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

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

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

The Foundation seeks to fund:
- ideas that are bold and innovative that bring novel approaches into products ready for human clinical trials;
- interdisciplinary collaboration and cross-fertilization of ideas from outside the traditional influenza research community.

**Value:**
Pilot Awards, $250,000 up to $2 million USD over 2 years
Application process:
The Bill & Melinda Gates Foundation application deadline is June 22, 2018.

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

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 viscarvl@mcmaster.ca or extension 24519

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

The DoD has recently announced the following LCRP funding opportunities:

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

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

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

2) **Investigator Initiated Translational Research Award**, the objective: to support translational research that will develop promising ideas in lung cancer into clinical applications. Translational research may be defined as an integration of basic science and clinical observations. Observations that drive a research idea may originate from a laboratory discovery, population-based studies, or a clinician’s firsthand knowledge of patient care. review *Areas of Emphasis*, pages 3-4 and review a *broad range of translational studies* page 4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-IITRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-IITRA.pdf)

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

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

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

4) **Concept Award**, the objective: to support the exploration of a highly innovative, **new** concept, or untested theory that addresses an important problem relevant to lung cancer. review *Areas of Emphasis*, pages 3-4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf)  
Investigators are *strongly encouraged* to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 4 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CA.pdf)

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

5) **Career Development Award**, the objective: to support early-career, independent investigators to conduct impactful research under the mentorship of an experienced lung cancer researcher. review *Eligibility*, page 8 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf](http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf)  
Investigators are *strongly encouraged* to consider the following characteristics as examples of how a project may demonstrate military relevance, review page 5 at [http://cdmrp.army.mil/funding/pa/FY18-LCRP-CDA.pdf](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](mailto: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](mailto:coschimn@mcmaster.ca) or extension 21581

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

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

The PCC has recently announced the following funding opportunities:

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

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

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

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

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

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

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

National Geographic Society: Grants

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

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

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

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

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

announcement website: https://www.nationalgeographic.org/grants/grant-opportunities/
Application process:
The National Geographic Society application deadline is July 10, 2018.

ROADS contact:
Nathan Coschi, Senior Advisor, at coschim@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

Department of Defense (DoD), Congressionally Directed Medical Research Programs:
FY18 Gulf War Illness Research Program (GWIRP): Grants

The DoD has recently announced the following GWIRP funding opportunities:

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

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

In FY2017, the GWIRP awarded infrastructure support for a GWI Biorepository. The “Boston Biorepository, Recruitment, and Integrative Network for 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. review *qualitative research topics and outcomes/educational materials, page 4* at [http://cdmrp.army.mil/funding/pa/FY18-GWIRP-QRA.pdf](http://cdmrp.army.mil/funding/pa/FY18-GWIRP-QRA.pdf)

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

announcement site: [http://cdmrp.army.mil/funding/gwirp](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](https://blood.ca/en/research/funding-programs)
Value:
maximum $30,000 for 1 year

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

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

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

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

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

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

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

The WADA seeks to expand the portfolio of social science research to include a diverse range encompassing, amongst other things:
. work based on single social science disciplines;
. research which combines disciplinary approaches;
. research focused on advancing scientific theory; and
. research aimed principally at developing practical applications.

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

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

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

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

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**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

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

**FY18 Ovarian Cancer Research Program (OCRP): Grants**

The DoD OCRP has recently announced the following funding opportunities:

1) **Clinical Development Award**, the objective: to support the translation of promising preclinical findings into products for clinical applications including prevention, detection, diagnosis, treatment, or quality of life. Near-term clinical impact is expected. Proof of concept demonstrating the potential utility of the proposed product, or a prototype/preliminary version of the proposed product should already be established.

Value: maximum $600,000; Optional Nested Early-Career Investigator an additional $200,000 over 3 years
Application process: The DoD pre-application deadline is July 25, 2018. The application deadline is August 8, 2018.

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

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

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

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

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

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

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

Harry Frank Guggenheim Foundation: Research Grants

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

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

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

http://hfg.org/
Value:
$15,000 - $40,000 per year for 1 or 2 years

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

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

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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**.


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

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

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

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

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

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/)

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

Application Process:
Applications can be submitted throughout the year.

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

Value:
$8,000 – $12,000 USD for 1 or 2 weeks
Application Process:
Applications can be submitted throughout the year.

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


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

Application Process:
Applications can be submitted throughout the year.

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

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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.

https://www.cifar.ca/assets/researchworkshops/

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

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

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

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

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

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

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

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

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519
| CIHR – Operating Grant: Collaborative Health Research Projects (NSERC Partnered) 2018-2019 (Please inform HRS of your intent to apply by May 15) E-approval Competition |
| May 29 | Oct 9 to MILO/Oct 23 to HRS | Oct 30 |
| *NEW* CIHR – Team Grant: HIV/AIDS Biomedical and Clinical Research | Oct 23 | Nov 6 |
| *NEW* CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBIs Research | Nov 27 | Dec 11 |

### Funding Opportunity (Non-CIHR)

<p>| The Labarge Centre for Mobility in Aging within the McMaster Institute for Research on Aging Catalyst Grant Funding Call for Proposals (Please inform HRS of your intent to apply ASAP) | NOI to HRS ASAP |
| Hamilton Scleroderma Group/Scleroderma Society of Ontario (HSG/SSO) Call for Proposals for Peer Reviewed Funding | N/A | May 30 |
| Hamilton Health Sciences (HHS) Health Professional Investigator Operating Grant Program | N/A | Jun 1 |
| <em>NEW</em> 23andMe Research Innovations Collaborations Program | May 29 | Jun 12 |
| Weston Brain Institute International Outstanding Achievement Award 2018 | May 29 | Jun 12 |
| Mitacs Globalink Research Internship (GRI) | May 30 | Jun 13 |
| Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award | June 1 | June 15 |
| Bill &amp; Melinda Gates Foundation Grand Challenges - Ending the Pandemic Threat: A Grand Challenge for Universal Influenza Vaccine Development | Jun 8 | Jun 22 |
| The Steacie Prize in the Natural Sciences, 2018 | Jun 15 | Jun 30 |
| Mitacs Elevate Spring 2018 Call for Proposals | Jun 13 | Jun 27 |
| The Royal-Mach-Gaensslen Prize for Mental Health Research | Jul 1 | Jul 15 |
| Canadian Blood Services: Blood Efficiency Accelerator Award Program | Jul 1 | Jul 15 |
| <em>NEW</em> Social Sciences and Humanities Research Council (SSHRC) Connection Grants | Jun 13 NOI to ROADS | Jul 24 to ROADS | Aug 1 |
| MRIS Early Researcher Awards Round 14 (Please inform HRS of your intent to apply) | May 29 Draft NOI to HRS | Jun 1 NOI to MRIS | Aug 7 |
| The Michael J. Fox Foundation: Alpha-Synuclein Biology and Therapies | May 31 | Aug 3 |
| The Michael J. Fox Foundation: Biomarkers of Protein Handling/Autophagy, Exosomes and Lipids | May 31 | Aug 3 |
| The Michael J. Fox Foundation: GBA Biology and Therapies | May 31 | Aug 3 |
| The Michael J. Fox Foundation: Non-Pharmacological Interventions for Gait and Balance Disturbances | May 31 | Aug 3 |
| Escher Fund for Autism: Grants | Jun 30 | |
| Alex’s Lemonade Stand Foundation Psychosocial Launch Grant | Jun 11 | Sep 17 | Oct 1 |
| Alex’s Lemonade Stand Foundation Psychosocial Family Impact Grant | Jun 11 | Sep 17 | Oct 1 |
| Alex’s Lemonade Stand Foundation Familial RUNX1 Research Program | Jul 2 | Sep 17 | Oct 1 |</p>
<table>
<thead>
<tr>
<th>Program</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grants Program</td>
<td>Jul 18 NOI to ROADS</td>
<td>Aug 1 NOI to NSERC</td>
<td>Nov 1</td>
</tr>
<tr>
<td>Weston Brain Institute Rapid Response: Canada 2019 (Parkinson’s &amp; Related Diseases)</td>
<td>Aug 1</td>
<td>Oct 29</td>
<td>Nov 12</td>
</tr>
<tr>
<td>Weston Brain Institute Transformational Research: Canada 2019 (Parkinson’s &amp; Related Diseases)</td>
<td>Aug 1</td>
<td>Oct 29</td>
<td>Nov 12</td>
</tr>
<tr>
<td>Weston Brain Institute Postdoctoral Scholars at Oxford</td>
<td>Ongoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute International Fellowships: Canada</td>
<td>Ongoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute Big Ideas: Canada</td>
<td>Ongoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities</td>
<td>Ongoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MITACS Accelerate Fellowship</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
<td>Ongoing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity (VIP I) Program</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCE Voucher for Innovation and Productivity II (VIP II) Program</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TalentEdge Internship Program (TIP)</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TalentEdge Fellowship Program</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MITACS Accelerate Program</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MITACS Globalink Partnership Award</td>
<td>Ongoing MILO</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NEW</strong> Department of Defense Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 11</td>
<td>Jul 19</td>
<td>Aug 2</td>
</tr>
<tr>
<td><strong>NEW</strong> Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 26</td>
<td>Aug 2</td>
<td>Aug 9</td>
</tr>
<tr>
<td>Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 12 / 14 / 19</td>
<td>Jun 21 / Sep 6</td>
<td>Jun 28 / Sep 20</td>
</tr>
<tr>
<td>Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 26 / Jul 26 / Sep 6</td>
<td>Aug 2 / Sep 12</td>
<td>Aug 9 / Sep 26</td>
</tr>
<tr>
<td>Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 20 / Aug 28</td>
<td>Sep 12</td>
<td>Sep 26</td>
</tr>
<tr>
<td>Department of Defense Tick-Borne Disease Research Program (TBDRP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jun 25</td>
<td>Sep 13</td>
<td>Sep 27</td>
</tr>
<tr>
<td><strong>NEW</strong> Department of Defense Autism Research Program (ARP) Funding Opportunities for Fiscal Year 2018</td>
<td>Jul 5</td>
<td>Sep 20</td>
<td>Oct 4</td>
</tr>
</tbody>
</table>
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

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

CIHR – Operating Grant: Understanding the Health Impact of Inactivity
The ultimate goals of this call are to develop solutions for:

- Older adults experiencing periods of inactivity in order to inform transitions in care and/or improve their quality of life.
- Astronauts in order to stay in good health during spaceflights and during their extended stays in the International Space Station, as well as in the foreseen deep space exploration program.

The objectives of the Understanding the Health Impacts of Inactivity funding opportunity are to:

1. Enhance our understanding of the
   - Health impacts of inactivity by:
     o Identifying impact through biological measures
     o Identifying relevant biological measures to support care transitions
     o Identifying biological changes that may inform our mechanistic understanding of pre-frailty and progression to frailty
And
  o  Impact and effectiveness of a specific countermeasure protocol by:
    o  Identifying biological changes induced by its use
    o  Evaluating the effectiveness of the countermeasure
    o  Generating new knowledge to further inform the development of interventions and rehabilitation solutions to
      counteract the adverse effects of inactivity
  
  For older people and individuals who experience inactivity or reduced activity over an extended period, and for astronauts
during space missions.

2.  Build capacity of the next generation of researchers through the meaningful involvement of trainees and/or early career
investigators in the research program.

Funding Details: The total amount available for this funding opportunity is $1,600,000, enough to fund approximately 8 grants. The
maximum amount per grant is $200,000 for up to 18 months.

Additional Details
LOI Deadline: July 24, 2018
Internal HRS Deadline: August 7, 2018
Sponsor Deadline: August 21, 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
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

CIHR - Operating Grant: Epigenetics Clinical Translation
The specific objectives of this funding opportunity are to:

• Evaluate applications of epigenetics in the clinical setting, including through clinical trials, demonstrating proof-of-concept utility of epigenetic changes as biomarkers, diagnostics and targets for potential therapeutics;
• Support and build upon existing Canadian research expertise in epigenetics for clinical translation outcomes;
• Build capacity for epigenetics clinical research through training and mentoring.

Funding Details: The total amount available for this funding opportunity is $6,000,000, enough to fund up to four grants. The maximum amount per grant is $375,000 per year for up to four years.

Additional Details
LOI Deadline: September 5, 2018
Internal HRS Deadline: September 26, 2018
Sponsor Deadline: October 10, 2018

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 MILO Deadline: October 9, 2018 E-approval Competition
Internal HRS Deadline: October 23, 2018 E-approval Competition
Sponsor Deadline: October 30, 2018

CIHR – Team Grant: HIV/AIDS Biomedical and Clinical Research
The Team Grant: HIV/AIDS Biomedical Clinical Research funding opportunity is expected to contribute to the global search for a safe and effective cure for HIV, and to develop prevention strategies and tools. The specific objectives of this funding opportunity are to:
• transform HIV biomedical and clinical research in Canada into a collaborative, interdisciplinary model of knowledge creation and application through the funding of innovative research programs;
• create an inclusive and sustainable pipeline of HIV research capacity from across disciplines, sectors, and perspectives (e.g., HIV basic scientists, clinical investigators, knowledge users and/or community members [people living with HIV]);
• effectively translate knowledge into clinical and/or commercial applications which contribute to the design, development and evaluation of research strategies; and
• create a critical mass of technical and scientific expertise in Canada that engages meaningfully with one another and with relevant national stakeholders, and participates in international research efforts.

Funding Details: The total amount available for this funding opportunity is $20,000,000, enough to fund approximately 6 grants.

Additional Details
Internal HRS Deadline: October 23, 2018
Sponsor Deadline: November 6, 2018

CIHR – Centres for HIV/AIDS, Hepatitis C and other STBBI Research
The Centres for HIV/AIDS, Hepatitis C and other STBBI Research are expected to improve health and access to effective programs and services for people living with and at risk of HIV, Hepatitis C and other STBBI, particularly for populations most affected. The specific objectives of the Centres are to:
• foster coordination of research efforts by developing and supporting a network of collaborative Centres;
• develop and/or strengthen high quality infrastructure for implementation science, health services and population health research to enable Canadian HIV, Hepatitis C and other STBBI researchers to conduct innovative, high quality, collaborative research;
• facilitate implementation science, health services and population health research training and mentoring initiatives to strengthen the capacity of trainees; and
• accelerate the translation and uptake of knowledge and implementation of evidence to inform practices, policies and programs through models of integrated knowledge translation and innovative strategies that engage stakeholders and partners (including people living with HIV, community organizations, clinicians, policy makers and relevant networks).

Funding Details: The total amount available for this funding opportunity is $10,000,000, enough to fund approximately two to three grants. This amount may increase if additional funding partners participate. Centres may be variable in size; it is anticipated that requested budgets will range from $400,000 to $1,000,000 per annum. The maximum amount per grant is $1,000,000 per year for up to 5 years for a total of $5,000,000 per grant.

Additional Details
Internal HRS Deadline: November 27, 2018
Sponsor Deadline: December 11, 2018

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.
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

Internal HRS Deadline: N/A
Sponsor Deadline: May 30, 2018
*For questions regarding the award or the submission process, contact Ms. Andrea Gardner at gardnera@stjoes.ca*

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.

Weston Brain Institute International Outstanding Achievement Award 2018
Nominations are open for the third annual Weston Brain Institute International Outstanding Achievement Award. The award recognizes an investigator who, in the past 15 years, has made exceptional contributions, through translational research and leadership, to accelerating the development of therapeutics for neurodegenerative diseases of aging. The ideal candidate should also be active in research in the next 5 years and have a record of impeccable citizenship in the research community. In 2018, the award will be honoring an exceptional Canadian-based investigator working on neurodegenerative diseases of aging. The $40,000 prize will be presented during the Society for Neuroscience Annual Meeting (San Diego, CA), November 3-7, 2018
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.

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

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
The Steacie Prize in the Natural Sciences, 2018
The Steacie Prize is a Canadian award of $10,000 presented once a year to a scientist or engineer of 40 years of age or less for outstanding scientific research carried out in Canada. The winner is selected by a distinguished panel which is appointed annually by the E.W.R. Steacie Memorial Fund, a private foundation dedicated to the advancement of science and engineering in Canada. Nominations of candidates should be made by a colleague, and should include a description and evaluation of the nominee’s work, together with a curriculum vitae, a publication list, and a list of referees.

Funding Details: $10,000 award

Additional Details
Internal HRS Deadline: June 15, 2018
Sponsor Deadline: June 30, 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

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

Canadian Blood Services: Blood Efficiency Accelerator Award Program
The objective of the Canadian Blood Services’ Blood Efficiency Accelerator Award Program is to improve the efficient and appropriate utilization of blood products, while maintaining the safety of the blood system. To achieve this objective, the Program will support innovative research projects that seek new knowledge or accelerate the application of existing knowledge. In the context of this competition, 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).
Funding Details: Canadian Blood Services has allocated $60,000 per year for the Blood Efficiency Accelerator Award Program and anticipate funding two (2) projects annually at a maximum value of $30,000 per project.

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

Social Sciences and Humanities Research Council (SSHRC) Connection Grants
Connection Grants are expected to respond to the objectives of the Connection program. They support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage on research issues of value to those participating. Events and outreach activities funded by a Connection Grant may often serve as a first step toward more comprehensive and longer-term projects potentially eligible for funding through other SSHRC funding opportunities listed in SSHRC’s Funding search tool. Connection Grants support workshops, colloquiums, conferences, forums, summer institutes, or other events or outreach activities that facilitate:

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

Funding Details: $7,000 to $25,000 for events, and up to $50,000 for other outreach activities; higher amounts for outreach activities may be considered if well justified. Duration is 1 year.

Additional Details
NOI Due to ROADS: June 13, 2018
Draft Application Due to ROADS: July 3, 2018
Final Application Due to ROADS: July 24, 2018
Sponsor Deadline: August 1, 2018
* To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 21581**

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.

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 Sarah McNiven-Scott, Senior Advisor, HRS, at mcnivesb@mcmaster.ca or extension 22871*
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 therapeutic 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

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: 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)

**Escher Fund for Autism: Grants**

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, Asperger’s, 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.

**Funding Details:** $25,000 grant available.

**Additional Details**

**LOI Deadline:** June 30, 2018  
**Internal HRS Deadline:** TBD  
**Sponsor Deadline:** TBD

**Alex’s Lemonade Stand Foundation Psychosocial Launch Grant**

Alex’s Lemonade Stand Foundation (ALSF) is committed to addressing the psychosocial and behavioral health outcomes for children diagnosed with cancer and their families. Their Psychosocial Launch Grant fills a direct need for research funding by supporting studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. 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.

**Funding Details:** Up to $100,000 over 2 years.

**Alex’s Lemonade Stand Foundation Psychosocial Family Impact Grant**
Alex’s Lemonade Stand Foundation (ALSF) is committed to addressing the psychosocial and behavioral health outcomes for children diagnosed with cancer and their families. Our Psychosocial Family Impact Grant fills a direct need for research funding by supporting studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. 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.

**Funding Details:** The award amount is up to $100,000 per year for 3 years.

**Alex’s Lemonade Stand Foundation Familial RUNX1 Research Program**
ALSF is committed to creating opportunities for new and innovative research into treatments and cures for childhood cancers. The Babich Family Foundation ([runx1.com](http://runx1.com)) is dedicated to advancing areas of research of particular importance to families affected by familial platelet disorders (FPDs) leading to acute myeloid leukemia (AML) due to germline RUNX1 mutations with the ultimate goal of developing effective therapies to prevent the onset of AML.

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

**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.
**Weston Brain Institute Rapid Response: Canada 2019 (Parkinson’s & Related Diseases)**

The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting high-risk, high-reward translational projects, while leveraging world-class business and scientific expertise in a fast and flexible granting process. Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. Diseases such as Alzheimer’s and Parkinson’s are placing a large and increasing burden on society. If ignored, the social and economic costs to manage these diseases will rise significantly within a generation.

**Funding Details:** A maximum of $200,000 over up to 18 months per project.

**Additional Details**
- **LOI Deadline:** August 1, 2018
- **Internal HRS Deadline:** October 29, 2018
- **Sponsor Deadline:** November 12, 2018

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**Weston Brain Institute Transformational Research: Canada 2019 (Parkinson’s & Related Diseases)**

NEW for 2018/2019: Accepting applications on diet, physical activity, sleep and nutritional supplements, if these applications meet our other scope criteria. Encouraging applications that bring in expertise, technologies or approaches in the following areas to advance the development of therapeutics and tools for neurodegenerative diseases of aging: artificial intelligence, big data, machine learning, data science, computer science, medicinal chemistry, biostatistics and engineering.

**Funding Details:** A maximum of $1,500,000 over up to 3 years per project.

**Additional Details**
- **LOI Deadline:** August 1, 2018
- **Internal HRS Deadline:** October 29, 2018
- **Sponsor Deadline:** November 12, 2018

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**Weston Brain Institute Postdoctoral Scholars at Oxford**

The Weston Brain Institute Postdoctoral Scholars at Oxford program supports top-tier Canadian postdoctoral scholars by providing international training at the University of Oxford and affiliation with Merton College. Prior to submitting an application, candidates should independently identify a host lab and potential supervisor at the University of Oxford who agrees to supervise them if awarded. Awardees will receive salary support for their postdoctoral positions at Oxford.

**Funding Details:** £57,000 per year (£44,000 per year + benefits) for 2 years.

**Additional Details**
- **Sponsor Deadline:** Applications are being accepted on a rolling basis, until 2 positions at a time are filled.

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**Weston Brain Institute International Fellowships: 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 Weston Brain Institute is pleased to launch our International Fellowships: Canada program. The program will support top Canadian PhD students to travel to and work in world-renowned international labs for up to 12 months, to further their translational research on neurodegenerative diseases of aging.

**Funding Details:** $60,000 per year, prorated at $5,000 per month to fit shorter travel and specific project needs

**Additional Details**
- **Sponsor Deadline:** Applications are being accepted on a rolling basis

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**Weston Brain Institute Big Ideas: Canada**

The Weston Brain Institute (the “Institute”) supports research that accelerates the development of therapeutics for neurodegenerative diseases of aging. To help achieve this, the Institute addresses gaps and inefficiencies in the funding market by supporting hypothesis driven, high-risk, high-reward translational research projects of up to $1.5m. Based on success of previous programs, the Institute is expanding our support to new formats while maintaining the same mandate of accelerating the
developments of therapeutics for neurodegenerative diseases of aging through translational research. One format they are considering is supporting a large-scale research effort that would provide ~$5-20m over ~5 years in support of a large project(s). With this call, the Institute aims to identify highly impactful ideas for consideration.

**Funding Details:** From $5,000,000 to $20,000,000

**Additional Details**
**Sponsor Deadline:** Applications are being accepted on a rolling basis

**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 stimulatng 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

**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

**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
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
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

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.

Department of Defense Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018

The goal of the FY18 TSCRP is to fund exploratory, pioneering and transformative science that promotes discoveries in TSC, from mechanistic insights to clinical application, by supporting new ideas and investigators for the benefit of Service members, their beneficiaries, and the American public. Within this context, the FY18 TSCRP encourages applications that address the critical needs of the TSC community in one or more of the following FY18 Focus Areas:

- Gaining a deeper knowledge of TSC signaling pathways and the cellular consequences of TSC deficiency
- Improving TSC disease models
- Examining the clinical aspects of TSC, including phenotypic heterogeneity
- Facilitating therapeutics, biomarkers, and clinical trials research

Funding Details:

- **Exploration Hypothesis Development Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $100,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Idea Development Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $450,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Clinical Translational Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $600,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

Additional Details
LOI Deadline: **July 11, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **July 19, 2018**
Sponsor Deadline: **August 2, 2018**
Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018

The NFRP encourages applications that specifically address the critical needs of the NF community in one or more of the FY18 Areas of Emphasis. Not all Areas of Emphasis are applicable to each award mechanism offered by the FY18 NFRP. If the proposed research project does not address one of the FY18 Areas of Emphasis, justification that the proposed research project addresses an important problem related to NF research and/or patient care should be provided.

- Health services research
  o Evidence-based best clinical practices
  o Implementation and access to NF-specific health care
  o Utilization of technology and informatics
- Heterogeneity of neurofibromas and other NF-related tumors
- Nontumor manifestations
  o Cognitive, behavior, sleep, pain, hypotonia, communication, etc., including quality of life measures, self-reported and underreported manifestations
- Novel disease and treatment response markers using genomics, epigenetics, systems biology, metabolomics, or similar approaches
  o Transition from benign to malignant
- Nutritional, environmental, and other modifiers of NF
- Post-adolescent manifestations
- Preclinical efficacy studies
- Target identification, drug discovery, targeted and immunotherapies

Funding Details:
- **Clinical Trial Award** - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $800,000 in direct costs ($1,000,000 in direct costs if requesting a Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Exploration-Hypothesis Development Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $100,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Investigator-Initiated Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $525,000 in direct costs ($575,000 in direct costs if requesting an Optional Qualified Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **New Investigator Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $450,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.
- **Early Investigator Research Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $200,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

Additional Details
LOI Deadline: **July 26, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **August 2, 2018**
Sponsor Deadline: **August 9, 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.
- **Omics 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.

**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 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: **July 26, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **August 2, 2018**
Sponsor Deadline: **August 9, 2018**

Funding Details:
  • **Idea Development Award** – Maximum funding of $350,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years.
  • **Investigator-Initiated Translational Research Award** – Maximum funding of $400,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years.
  • **Translational Research Partnership Award** – Maximum funding of $900,000 in direct costs (plus indirect costs). Period of performance not to exceed 3 years.

LOI Deadline: **June 26, 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 of $250,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years

LOI Deadline: **September 6, 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 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 Tick-Borne Disease Research Program (TBDRP) Funding Opportunities for Fiscal Year 2018

There are currently at least 16 known tick-borne illnesses, with emerging diseases being discovered all the time. In the United States, the yearly cases of Lyme disease and other tick-borne diseases, including spotted fever rickettsiosis, anaplasmosis, and ehrlichiosis, have been increasing steadily for years, currently totaling tens of thousands of people diagnosed annually, with more likely undiagnosed. Globally, the US Military prioritizes tick-borne Crimean-Congo hemorrhagic fever as an operational threat abroad. The vision of the DoD is to prevent the occurrence, better diagnose and resolve or minimize the impact of Lyme disease and other tick-borne illnesses, with emphasis on burden of disease.

Funding Details:
- **Career Development Award** – Maximum funding of $300K for direct costs (plus indirect costs). Maximum period of performance is 3 years.
- **Idea Award** – Maximum funding of $250K for direct costs (plus indirect costs). Maximum period of performance is 2 years.
- **Investigator-Initiated Research Award** - Maximum funding of $650K for direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** June 25, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 13, 2018
**Sponsor Deadline:** September 27, 2018

Department of Defense Autism Research Program (ARP) Funding Opportunities for Fiscal Year 2018

The Autism Research Program focuses on improving the lives of those living with ASD by funding innovative, and highly impactful research. Through the program's areas of interest, the Autism Research Program focuses on ways to improve diagnosis, treatment, and studying psychosocial factors for affecting key life time transitions to independence and a better life for those with autism and their families.

Funding Details:
- **Clinical Trial Award** - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $1,000,000 in direct costs (plus indirect costs).
  - **Early-Career Investigator Partnering PI Option:** The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $1,155,000 for direct costs (plus indirect costs).
- **Idea Development Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $500,000 in direct costs (plus indirect costs). For multiple PIs, the combined funding for all PIs for the entire period of performance may not exceed $500,000 in direct costs (plus indirect costs).
- **Clinical Translational Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $500,000 in direct costs (plus indirect costs).

**Additional Details**
**LOI Deadline:** July 5, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 20, 2018
**Sponsor Deadline:** October 4, 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 Prostate Cancer Research Program (PCRP) Funding Opportunities for Fiscal Year 2018

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

**Funding Details:**

- **Physician Research Award** – Maximum funding of $750,000 for direct costs (plus indirect costs). Maximum period of performance is 4 years.

- **Early Investigator Research Award** – Maximum of $200,000 for direct costs (plus indirect costs). Maximum period of performance is 2 years.

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

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

**Sponsor Deadline:** September 6, 2018

**Funding Details:**

- **Idea Development Award** - Maximum funding of $600,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** July 6, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** September 13, 2018

**Sponsor Deadline:** September 27, 2018

**Funding Details:**

- **Impact Award** - Maximum funding of $750,000 for direct costs (plus indirect costs). Maximum period of performance is 3 years.

**LOI Deadline:** July 19, 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 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
  o 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.
  o 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