**New Frontiers in Research Fund – International Stream: Horizon Global Platform 2020**

The 2020 Horizon Global Platform Competition of the New Frontiers in Research Fund (NFRF) International Stream was launched January 30th 2020 and has ongoing Registration for various targeted calls.

The objective of the New Frontiers in Research Fund International Stream is to support international research collaborations and position Canada and Canadian researchers as strategic partners at the international level. This is achieved through two mechanisms. The first mechanism involves joint calls with international agencies on topics of international relevance. The second mechanism funds the participation of Canadian researchers on international research projects supported by major global platforms.

The New Frontiers in Research Fund (NFRF) 2020 Horizon Global Platform competition falls under the second mechanism by providing funding for Canadian researchers who are partners on successful projects funded through eligible calls under Horizon 2020.

To apply for an NFRF Horizon Global Platform grant, Canadian participants on eligible Horizon 2020 calls must submit their Registration Form by February 27/20 or within two weeks of the Horizon 2020 deadline for their call, whichever is later. This is a mandatory step in the process. Check out the ongoing targeted international calls here.

On February 27, 2020 there was a bilingual webinar followed by a Q&A session. Here is a link to a recording of the webinar. Bilingual Recording   Feb 27/20   Password: NFRFG_Feb2020

**Is Your Target Druggable? Drug Discovery in Neuroscience Conference**

You're invited to the first Drug Discovery in Neuroscience Conference. This one-day event will be dedicated to helping the biological science and chemistry communities understand the process of turning novel discoveries into druggable targets for small molecule therapeutic development. It will also cover multiple aspects of the drug discovery process; from hit generation and pharmacokinetics, to intellectual property and commercialization strategies. Local success stories of “Bridging the Gap” and AI in drug discovery will be presented, along with a keynote presentation by Dr. Barbara Tate, Venture Partner at the Dementia Discovery Fund.

Barbara is a neuroscientist who has worked in both large and small pharmaceutical companies. She was Vice President and Head of Biology at Rodin Therapeutics, an Atlas Venture company, where she also consulted on other portfolio companies. Prior to Rodin, Barbara was Vice President for Research at Satori Pharmaceuticals, a biotech company developing a treatment for Alzheimer’s disease. At Pfizer, Barbara managed the neurodegenerative disease area group in Groton, CT. Prior to working in industry, Barbara was an academic researcher at Brown Medical School and Harvard Medical School.

All attendees are asked to register HERE. The deadline for registration is Thursday, March 19, 2020 at 4:00 pm.

**Date:** Wednesday, April 1, 2020  
**Time:** 8:00am – 5:00 pm  
**Location:** BMO Education and Conference Centre

**CIHR – Upcoming Funding Opportunity: Health Research Training Platform Pilot**

CIHR's Strategic Action Plan on Training presents a vision to support the development of scientific, professional, and organizational leaders within and beyond the health research enterprise. It recognizes the need to support the development
of Research Leaders of Tomorrow by equipping trainees and early career researchers (ECRs) with the experiences and skills needed to lead high-impact, interdisciplinary health research careers in a rapidly evolving research landscape.

With the Health Research Training Platform Pilot, CIHR plans to support the development of integrated training and mentoring environments that will position health research trainees and ECRs for career success. This is a “pilot”, as CIHR plans to take lessons learned from the development and implementation of this funding tool into consideration for future capacity development program enhancements.

The total amount available for this pilot is $26,400,000 over six years, enough to fund approximately 11 platforms in specific funding areas (approximately $400,000 per platform per year). This amount is subject to change due to the addition of partners and/or availability of funds.

**Anticipated timelines**

- Program launch: Winter 2020
- Registration deadline: Spring 2020
- Application deadline: June 2020
- Peer review: November-December 2020
- Application decision: Spring 2021
- Funding start date: Spring 2021

All dates are subject to change and will be noted officially in the funding opportunity.

**Academic Mentorship in the Health Professions Event**

This free event is hosted by MERIT, Department of Health Research, Methods, Evidence and Impact, and the Department of Medicine. Sponsored by the PSI Foundation.

**Location:** University Club, Alumni Memorial Hall (building #8), McMaster University

**Date:** March 26 & 27, 2020

If you have not yet registered for the event, please do so here: [http://bit.ly/PSIMentorship](http://bit.ly/PSIMentorship) (schedule is on the registration page)

**Mitacs – leveraging partner funds to source funds for trainees**

While the MITACS program has been around a long time, it has undergone some significant changes to both programs and structure, and it is an underutilized source for funding trainee experiences. Consider leverage your existing partnered funding to apply for added funds for trainee management, travel and collaborative programs. Ongoing applications, simplified submission procedures, and high success rates!

- Eligible partners include companies (anywhere in the world!) and not-for-profits (Canada)
- Get funding for projects big or small (4 months to 4 years or longer)
- Funding includes both stipends and research expenses


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CIHR – Health System Impact Fellowship
The Health System Impact Fellowship is expected to:

- Support impact-oriented career paths and elevate the career readiness of PhD trainees and post-doctoral fellows studying HSPR or related fields by supporting experiential learning opportunities in health system and related organizations outside of the traditional university environment and enriched competency development (e.g., leadership, project management);
- Expand and enrich the traditional doctoral and post-doctoral training environment by engaging health system and related organizations in preparing a cadre of promising doctoral trainees and post-doctoral fellows for successful careers in academic and applied health system settings; and
- Provide health system and related organizations with direct opportunities to realize and harness the benefits that research-trained individuals can bring to such organizations for improved decision-making.

Funding Details: The total amount available for this funding opportunity from CIHR is $3,090,500 enough to fund approximately 40 awards.

Additional Details
Internal HRS Deadline: March 18, 2020
Sponsor Deadline: April 1, 2020

CIHR – Team Grant: Transnational Cardiovascular Research Projects
The specific objectives of this funding opportunity are 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 for Canadian Early and Mid-Career Researchers and enable international collaboration and new consortia establishment in cardiovascular research;
- Enable capacity building and empowering of Canadian Early and Mid-Career Scientists by providing an opportunity to independently develop and perform internationally linked highly innovative research projects; and
- 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.

Funding Details: The total amount available for Canadian applications is CAD 600,000, enough to fund approximately two (2) grants. This amount may increase if additional funding partners participate. The maximum amount per grant is CAD 100,000 per year for up to three (3) years, for a total of CAD 300,000 per grant.

Additional Details
Internal HRS Deadline: March 19, 2020
Sponsor Deadline: April 2, 2020

CIHR – JPIAMR 10th Call Network Plus 2020
The Joint Programming Initiative on Antimicrobial Resistance (JPIAMR) is an international collaborative platform, engaging 28 member nations that coordinate national research funding to advancements in AMR knowledge in areas such as discovery of new therapies, antibiotics, transmission dynamics and interventions. The JPIAMR coordinates multidimensional AMR research and funding on a global scale as well as supporting collaborative action for filling knowledge gaps on AMR with a One Health perspective. The JPIAMR Strategic Research and Innovation Agenda (SRIA) outlines the key areas to address and provides guidance for countries to align their AMR research agendas nationally and internationally.

Funding Details: The total amount available for this funding opportunity is CAD $604,000, enough to fund approximately two (2) Network grants. The maximum amount per grant is up to $151,000 per year for up to two (2) years, for a total of CAD $302,000 per Network grant.
Additional Details
Internal HRS Deadline: Mar 23, 2020
Sponsor Deadline: April 6, 2020

CIHR – Operating Grant: New Investigator Grants in Child and Youth Health (2020)
The specific objective of this funding opportunity is:

- To provide important early career development support to child health researchers and enhance their ability to compete for future research grants.

Funding Details: The total amount available for this funding opportunity is $1,800,000, enough to fund approximately six (6) grants.

Additional Details
Internal HRS Deadline: April 6, 2020
Sponsor Deadline: April 20, 2020

CIHR – Catalyst Grant: Cannabis and Mental Health
The specific objectives of this funding opportunity are:

- Generate preliminary observations, data or knowledge regarding the potential benefits and/or harms of cannabis and/or cannabis use in relation to mental health.
- Centre the lived experience of people with mental illness, who use cannabis to create research designs and outcomes meaningful for people with lived experience.
- Support community-based, population-specific research, using qualitative and/or mixed methods, ensuring projects are grounded in the social determinants of health.
- Facilitate consideration and application of new evidence to inform ongoing and future development of policies, practices and programs related to cannabis and mental health.
- Connect to existing knowledge translation efforts across Canada, for example through the Mental Health Commission of Canada, the Canadian Centre on Substance Use and Addiction, and/or the Centre for Addiction and Mental Health.

Funding Details: The total amount available for this funding opportunity is $1,265,000, enough to fund approximately eleven (11) grants.

Additional Details
LOI Deadline: March 20, 2020
Internal HRS Deadline: April 7, 2020
Sponsor Deadline: April 21, 2020

CIHR – Team Grant: Canada-EU Smart Living Environments – Transitions in Care
The Canada-EU Smart Living Environments Addressing Transitions in Care for Ageing People is expected to:

- Develop and implement smart living environments that address transitions in care challenges for ageing people through acceptable Information and Communications Technology (ICT)-based solutions;
- Improve health outcomes, patient experience, effectiveness, and lower the cost of care within one (1) or more of the identified research areas related to ageing people through identifying, evaluating and implementing acceptable, evidence-based and effective smart living environments;
- Build novel multi-disciplinary and trans-disciplinary collaborations and partnerships with individuals and organizations in Canada and in the EU that have interest in transformative research in care transitions by promoting engagement, recognition and respect for health research expertise across an array of health disciplines, research pillars, and industry; and
- Demonstrate the capability to progress beyond prototype stage for smart living environment solutions into a care delivery program(s) for pragmatic evaluation.

Funding Details:

- The total amount available to the Canadian component of the team from CIHR for this funding opportunity is $1,920,000 CAD, enough to fund up to two (2) grants. This amount may increase if additional funding partners participate. The maximum CIHR amount per grant is $240,000 CAD per year for up to four (4) years for a total of $960,000 CAD per grant.
- Canadian applicants must secure, by the application deadline, partnership contributions equivalent to a minimum of 30% of the total grant amount requested, with a minimum of half (15% contribution) of the amount representing a cash
contribution (i.e., a total of $288,000 CAD partner match is required per grant with a minimum of $144,000 CAD as a cash contribution per grant). See Additional Information for more details on Types of Eligible Partner Funding.

Additional Details
Internal HRS Deadline: April 8, 2020
Sponsor Deadline: April 22, 2020

**CIHR – Team Grant: European Research Projects of Neuroscience (2020)**
The specific objective of this funding opportunity is:

- to facilitate multinational, collaborative research projects that will address important questions regarding ethical, philosophical, legal and socio-cultural aspects related to neuroscientific research and recent advances.

**Funding Details:** The total amount available to Canadian researchers from CIHR and FRQS is up to $550,000 CAD, enough to fund up to 3 grants. The maximum amount per grant is $75,000 per year for up to 3 years for a total of $225,000 per grant.

Additional Details
Internal HRS Deadline: April 14, 2020
Sponsor Deadline: April 28, 2020

**CIHR – SPOR SUPPORT Unit Phase II**
This funding opportunity is expected to:

- Bridge the gap between research evidence and health care practice by providing services to generate evidence and innovations, leading to improvements in patient health, health care and service delivery by:
  - Providing support services to respond to patient-oriented research needs of jurisdictional stakeholders;
  - Strengthening and maintaining Canadian capacity in Patient-Oriented Research; and
  - Engaging stakeholders (e.g. patients, policy makers, health care decision makers, clinicians and researchers) as active partners in both patient-oriented research and the implementation of its results into improved health care for Canadians.

**Funding Details:** The total amount available from CIHR for this funding opportunity is $115,400,412.

Additional Details
Internal HRS Deadline: April 20, 2020
Sponsor Deadline: May 4, 2020

**CIHR – Operating Grant: ECIs in Maternal, Reproductive, Child & Youth Health (2020)**
The specific objectives of this funding opportunity are:

- To support early career investigators in initiating and conducting independent research in the area of maternal, reproductive, child and youth health with the goal of building research capacity in this important health research area.
- To generate new knowledge that will contribute to improving maternal, reproductive, child and youth health outcomes, as well as increasing our understanding of the challenges, needs and current gaps in this research area.
- To facilitate knowledge exchange and translation between early career researchers and other stakeholders in maternal, reproductive, child and youth health.

**Funding Details:** The total amount available for this funding opportunity is $735,000, enough to fund approximately 7 grants.

Additional Details
LOI Deadline: April 7, 2020
Internal HRS Deadline: May 5, 2020
Sponsor Deadline: May 19, 2020

**CIHR- Catalyst Grant: Health Effects of Vaping**
The specific objective of this funding opportunity is to generate research evidence using rigorous methodologies and to build relevant capacity in key research areas related to vaping in both youth and adults by:

- Generating preliminary observations, data or knowledge;
- Supporting projects which have the potential to generate high impact results and/or innovative research proposals; and
• Facilitating consideration and application of new evidence to inform ongoing and future development of policies, practices and programs related to vaping.

**Funding Details:** The total amount available for this funding opportunity is $2,700,000, enough to fund approximately 27 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $100,000 per year for up to 1 year.

**Additional Details**
- **LOI Deadline:** March 25, 2020
- **Internal HRS Deadline:** May 6, 2020
- **Sponsor Deadline:** May 20, 2020

**CIHR – Operating Grant: Active and Assisted Living Program**
The specific objectives of this funding opportunity are:

- Developing, testing, validating, scaling up and integrating innovative ICT solutions for ageing well into re-designed service delivery models aimed at maintaining long term “functional ability” (See Call rationale and [WHO Healthy ageing](#) definition);
- Contributing to the creation/strengthening/connection of healthy ageing ecosystems.

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

**Additional Details**
- **Internal HRS Deadline:** May 8, 2020
- **Sponsor Deadline:** May 22, 2020

**CIHR – Oral Health and Oral Health Care of Canadians**
The specific objectives of this funding opportunity are to:

- Collect nationally representative data on the oral health status of Canadians across the lifespan to address (i) the data deficits identified (see [How to Apply](#) for details) and (ii) additional questions posed by the successful applicant(s).
- Create a cohort of data to enable future multi-jurisdictional research studies on the oral health of Canadians by the greater researcher, clinician and policy making communities.
- Create an accessible data platform with collected oral health survey data. Where possible, it is strongly encouraged that this data platform integrate and harmonize with one or more of existing CIHR data investments.
- Provide a multidisciplinary training and mentoring approach in order to build capacity for oral health research.

**Funding Details:** The total amount available for this funding opportunity is $3,300,000 enough to fund one grant. The maximum amount is $1,650,000 (Year 1), $1,300,000 (Year 2) and $350,000 (Year 3).

**Additional Details**
- **LOI Deadline:** May 5, 2020
- **Internal HRS Deadline:** May 19, 2020
- **Sponsor Deadline:** June 2, 2020

**CIHR – Hepatitis C Research**
The specific objectives of this funding opportunity are to:

- Facilitate and support a national collaborative hepatitis C public health research program that aligns with the with the Government of Canada Five-Year Action Plan on STBBI and that links and leverages existing networks and research programs, engages knowledge users, people with living/lived experience and decision makers to:
  - Enable innovative, high quality, collaborative research in the area of prevention of hepatitis C infection and reinfection, linkage to care in priority populations and hepatitis C-related health complications;
  - 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 knowledge users, people with living/lived experience and decision makers;
  - Develop and/or strengthen innovative multidisciplinary curricula and training opportunities for students and professionals.
Funding Details: The total amount available for this funding opportunity is $4,500,000 enough to fund one grant.

Additional Details
Internal HRS Deadline: May 27, 2020
Sponsor Deadline: June 10, 2020

CIHR – Team Grant: Diabetes Mechanisms and Translational Solutions
The Kidney Foundation of Canada is pleased to partner with the CIHR Institute of Nutrition, Metabolism and Diabetes on the 100 Years of Insulin research initiative and to announce the competition launch for Team Grants: Diabetes Mechanisms and Translational Solutions. Diabetes is the leading cause of kidney failure in Canada. Kidney disease affects up to 50% of people with diabetes during their lifetime. It is a devastating complication, as it is associated with significant reductions in both length and quality of life. Through this partnership with CIHR and in line with its mission, The Kidney Foundation wishes to support research relevant to interventions, strategies and treatments to prevent the development and slow the progression of diabetic kidney disease and improve outcomes for patients. More specifically, the research areas of interest are (but not limited to) individualizing the best diet to slow progression of kidney disease; determining the benefits and risks of specific diets (i.e. phosphate restriction, protein restriction, low salt, etc.); and exploring the impact of lifestyle factors (i.e. exercise, stress) on the risk of developing kidney disease, kidney disease progression and quality of life.

Funding Details: The Kidney Foundation will commit $1,000,000 to co-fund a $2,000,000 multidisciplinary team grant focused on diabetic kidney disease within this competition.

Additional Details
LOI Deadline: April 23, 2020
Internal HRS Deadline: November 4, 2020
Sponsor Deadline: November 18, 2020

John C. Sibley 2020 Award for Excellence in Education for Part Time Faculty
The John C. Sibley Award is named in honour of Jack Sibley who became Associate Dean, Education in 1979 and was known for his interdisciplinary approach to community health both locally and internationally. The John C. Sibley award is presented annually to a part-time faculty member in the Faculty of Health Sciences who has contributed in an outstanding manner to the education of health professionals (preferably in more than one sector.) Nominations are now being requested for this prestigious award, which highlights the importance of part-time faculty in fulfilling the academic mission. The nominees will be evaluated according to the following criteria:

- Development and evaluation of innovative educational activities in the health sciences
- Support of interprofessional education
- Sustained commitment to the academic mission
- Impact on teaching and learning in FHS programs and initiatives

If you know of an eligible part-time faculty member, we would strongly encourage you to submit a nomination. The nomination package should include an updated CV; a detailed letter by the proposer which addresses each of the above criteria highlighting examples in each area; two supporting letters commenting on the special contributions of the nominee in line with the criteria.

Funding Details: The award includes a citation and a cheque in the amount of $2,500.

Additional Details
Internal HRS Deadline: n/a
Sponsor Deadline: March 10, 2020

*Please send appropriate documentation to Dr. Alan Neville, Vice Dean, Health Professional Education and Chair, Sibley Selection Committee to HSC-2E18 or by email mcarthj@mcmaster.ca*

Canadian Glycomics Network: Clinical Partnerships
The Canadian Glycomics Network (GlycoNet) is a Network of Centres of Excellence (NCE) that focuses on the role of glycans (carbohydrates) in health. Areas of focus are infectious diseases, chronic diseases, cancer, and neurodegenerative diseases. Additional information about Network research can be found at www.glyconet.ca. In this Request for Proposals, they are seeking to fund Clinical Partnership projects that would offer clinicians and biomedical researchers opportunities to partner with Network Investigators to study glycans or glycosylation changes in disease. This partnership would increase clinician awareness of the role of
glycomics in disease, and expand glycomics translational research and its application in more problems of clinical importance. Partnership outcomes could be better understanding of disease, drug development strategies, or new drug targets.

**Funding Details:** GlycoNet has set aside up to $150,000 annually for this competition. Proposals may request up to $50,000 in funding. All projects should be completed within 12 months.

**Additional Details**
Internal HRS Deadline: March 18, 2020
Sponsor Deadline: April 1, 2020

**Ontario Brain Institute: ONtrepreneurs Program**
The ONtrepreneurs (Ontario Neurotech Entrepreneurs) Program is Canada’s single largest award that catalyzes early stage entrepreneurs to commercialize brain-related technologies by accessing funding and support to launch or grow their neurotechnology ventures.

**Funding Details:** $50,000 to build your neurotech company.

**Additional Details**
Internal HRS Deadline: n/a
Sponsor Deadline: April 1, 2020

**DeGroote Fellowship Awards**
The Michael G. DeGroote Fellowship Awards are an opportunity for excellent postdoctoral candidates to pursue top-level research training. First awarded in 2008, the awards provide funding to research-intensive individuals looking to further their academic career in the Faculty of Health Sciences at McMaster University. Awards are available in two categories: The Michael G. DeGroote Fellowship Award in Basic Biomedical Science and the Michael G. DeGroote Fellowship Award in Clinical Research. Candidates conducting basic science research are eligible for the Basic Biomedical Science Fellowship Award and those pursuing clinical research are eligible for the Clinical Research Fellowship Award. Applicants must identify in their application which award they are applying for. Separate selection committees will review the respective applicants for each award.

Applications are now being accepted and we are seeking qualified candidates to apply. If you know of any first-rate candidates who you feel would be a good fit for these awards under your supervision, please:

E-mail mgdfa@mcmaster.ca clearly detailing your ability and willingness to provide the matching $10,000 in funding to support the candidate

Have the candidate visit http://fhs.mcmaster.ca/mgdfa/ and apply online. The deadline for applications is April 1, 2020 with an estimated start date of July 1, 2020.

**Funding Details:** Each award provides non-renewable funding of $50,000 for one year for successful applicants. The funding is comprised of $40,000 from the Michael G. DeGroote Health Sciences Development Fund and $10,000 contributed by the applicant’s supervisor.

**Additional Details**
Internal HRS Deadline: n/a
Sponsor Deadline: April 1, 2020

**The Stem Cell Network (SCN) National Research Competition**
The Stem Cell Network (SCN) is pleased to launch a national funding competition for three translational research programs and a new program, Innovation Research Program, for early career investigators in the stem cell and regenerative medicine field. This call follows a first competition launched last summer and is focused on translational research to move research from bench to beside. In total, over $12 million will be made available between 2019 and 2020 through the two peer-reviewed funding competitions.

**Funding Details:**
- The Accelerating Clinical Translation Program – Up to $400,000
- The Fueling Biotechnology Partnerships Program – Up to $350,000
- The Innovation Research Program for Early Career Investigators – up to $150,000
- The Translation and Society Team Awards – Up to $175,000
CAAIF/Aralez Pharmaceutical Canada Inc. Research Grant in Allergic Rhinitis

The Canadian Asthma, Allergy and Immunology Foundation (CAAIF) is a charitable foundation whose mission is to invest in research leading to new and better treatments that improve the lives of Canadians living with allergy, asthma and immunologic diseases. Aralez Pharmaceuticals Canada Inc. is a leading Canadian specialty pharmaceutical company with a primary focus on the acquisition, licensing, development and promotion of healthcare products primarily in allergy, dermatology and other specialty areas. The objective of the CAAIF/Aralez Pharmaceuticals Canada Inc. Research Grant in Allergic Rhinitis is to fund a research grant focused on the area of allergic rhinitis.

Funding Details: The maximum value of this award is $25,000.

Canadian Cancer Society: Research Grants for Uterine Carcinosarcoma and other Aggressive Uterine Cancers

The Canadian Cancer Society (CCS) is issuing a special call for grant applications focused on rare and aggressive uterine cancers, with an emphasis on uterine carcinosarcoma in particular. As a result of a generous donation, there is funding available to support one meritorious application that will impact our understanding of uterine carcinosarcoma and other aggressive uterine cancers, particularly as it relates to the prevention, early detection, diagnosis, and/or treatment of these hard-to-treat cancers.

Eligible types of uterine cancer include:
- Uterine carcinosarcoma
- Serous carcinoma
- Uterine leiomyosarcoma
- Uterine clear cell carcinoma
- Endometrial stromal sarcoma (high-grade)
- Undifferentiated sarcomas

Funding Details: The funding envelope will support a budget of up to $180,000 over 2 years (maximum of $90,000 per year).

JHCCF Research Grants: Spring 2020 Call for Applications

Juravinski Hospital and Cancer Centre Foundation’s (JHCCF) main purpose is to champion and advance the vision and mandate of the Juravinski Cancer Program (JCP). Through the generosity of our donors, we fund capital redevelopment projects, purchase medical equipment and technology, and invest in research and the professional development of our staff. As part of its commitment to research, the Foundation sponsors a Research Grant Program that awards funding through a rigorous peer reviewed application process, once or twice yearly.

Funding Details:
- Research Development Grants – Maximum Funding $50,000
- Thematic Research Grants – Maximum Funding $100,000

Additional Details
Internal HRS Deadline: March 18, 2020
Sponsor Deadline: April 1, 2020

Additional Details
Internal HRS Deadline: March 23, 2020
Sponsor Deadline: April 6, 2020

Additional Details
Internal HRS Deadline: March 25, 2020
Sponsor Deadline: April 8, 2020
Bill & Melinda Gates Foundation: Grand Challenges
The Grand Challenges family of initiatives fosters innovation to solve key health and development problems. See below for Grand Challenges grant opportunities with the Bill & Melinda Gates Foundation as sole or contributing funder. There have been 4 new initiatives announced.

Funding Details:
- **Innovations in Materials Science for a Transformative Menstrual Health and Hygiene Product (Round 25)** – Awards of $100,000 USD are made in Phase I. Phase I awardees may have one opportunity to apply for a follow-on Phase II award of up to $1,000,000 USD
- **Improving Access to and Use of Safe and Appropriate Cesarean Section** – Summarize by research objective for each year of the project; they will consider proposals for awards of up to USD $2 million for up to three (3) years.
- **Innovations for Improving the Impact of Health Campaigns (Round 25)** - Awards of $100,000 USD are made in Phase I. Phase I awardees may have one opportunity to apply for a follow-on Phase II award of up to $1,000,000 USD.
- **Accelerating Discovery for Non-Hormonal Contraceptives** - Awards of $100,000 USD are made in Phase I. Phase I awardees may have one opportunity to apply for a follow-on Phase II award of up to $1,000,000 USD.

Additional Details
Internal HRS Deadline: April 8, 2020
Sponsor Deadline: April 22, 2020

Asthma Canada/CAAIF Graduate Student Awards
Asthma Canada is the only national, volunteer-driven charity, solely devoted to enhancing the quality of life for people living with asthma and respiratory allergies. For more than 45 years, Asthma Canada has proudly served as the national voice for Canadians living with asthma. They empower patients with evidence-based information, education programs and support asthma research in Canada. The objective of this award is to create value-added opportunities for the training, education and professional development of graduate students, to ensure continued improvement of asthma treatments and progress towards finding a cure for asthma.

Funding Details: There are two awards available for $20,000 each - one for early-onset asthma research and the other for late-onset asthma research.

Additional Details
Internal HRS Deadline: April 9, 2020
Sponsor Deadline: April 23, 2020

SFARI Summer 2020 Pilot Award
The Simons Foundation Autism Research Initiative (SFARI) is pleased to announce the Summer 2020 Pilot Award request for applications (RFA). The goal of the Pilot Award is to provide early support for exploratory ideas, particularly those with novel hypotheses. Appropriate projects for this mechanism include those considered higher risk but with the potential for transformative results.

Funding Details: the budget is $300,000 or less over a period of two years.

Additional Details
Internal HRS Deadline: April 10, 2020
Sponsor Deadline: April 24, 2020

Health Professions Educator Award 2020
Annually, the Health Sciences Education MSc Program (HSED) recognizes outstanding contributions to health professions education and education scholarship from the Faculty of Health Sciences through the Health Professions Educator Award. The award is designed to encourage and reward the continued excellence of health professions education and health professions education scholarship within McMaster University. Nominees will be senior faculty and leaders in their respective professional schools that have made substantial contributions to education in the Faculty of Health Sciences including teaching, mentorship, educational scholarship, or research, throughout their careers.

Nomination forms can be returned to merit@mcmaster.ca by April 24, 2020. The award will be presented as part of the Norman Education Research Day on June 3, 2020, hosted by MERIT and HSED.
Cancer Research Society: 2020 Scholarships for the Next Generation of Scientists Competition

The Cancer Research Society is pleased to announce the launch of its 2020 Scholarships for the Next Generation of Scientists competition, an initiative aiming at supporting future generations of Canadian researchers. The Scholarship is broken down into two parts, and extends over a period of 3 years, with no possibility for renewal.

Funding Details: The funding for this opportunity is split into 2 parts.
   • Part 1: Postdoctoral Salary Award – 1 year - $50,000
   • Part 2: Operating Grant – 2 years - $150,000 ($75,000/year)

MIRA: Labarge Catalyst Grants

Labarge 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 1 year) to conduct feasibility/pilot studies or scaling of interventions. These grants require matching funds of at least $5000 (can include up to $2500 of in-kind contributions) from alternate sources to support the project.

Funding Details: Up to six awards of $40,000 (one per Faculty); minimum matching contribution of $5,000 (up to $2,500 may be in kind) is required.

1907 Trailblazer Award Request for Applications

The 1907 Trailblazer Award was established to encourage high-impact, step-change approaches to research in the brain and mind sciences for mental health. In addition to supporting a specific research project, the Award intends to increase the size of the talent pool of early career investigators researching causes & cures for mental illness.

Funding Details: $120,000

MIRA Postdoctoral Fellowships

Prospective post-doctoral Fellows are invited to submit a research plan that focuses on interdisciplinary, impact-driven approaches in the study of optimal aging through one or more of the following research areas:
1) The impact of exercise on mobility;
2) The interrelationship between psychological function and social function;
3) Causes and consequences of multimorbidity, frailty, and polypharmacy;
4) The role of caregiving, equity, economics and transportation in optimal aging;
5) The understanding of the biological mechanisms of diseases of aging;
6) Evaluating approaches to knowledge translation to improve optimal aging; and,
7) The use of technology to promote optimal aging and aging in place.

The applicant and principal supervisor are expected to involve at least two other researchers from two different McMaster Faculties (outside of the principal supervisor’s Faculty) as mentors in the development of an interdisciplinary research plan. Trainees
submitting proposals to work with MIRA-funded researchers or projects must include details on how their proposed work will complement the funded project. Additional funding for trainees may be available through co-funded awards with our partners.

**Funding Details:** Up to three awards of $50,000; requires supervisor match of at least $10,000 for fellow’s benefits.

**Additional Details**

**Internal HRS Deadline:** April 17, 2020
**Sponsor Deadline:** May 1, 2020

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

The Social Sciences and Humanities Research Council of Canada (SSHRC) is now accepting applications for the Connection Grants competition. SSHRC has established the following deadlines for Connection Grant competitions: February 1, May 1, August 1, and November 1. Connection Grants 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 projects. These events and activities may include 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 between researchers, students and non-academic partners from other countries.

**Funding Details:** Connection Grants supporting **events** are valued at $7,000 to $25,000 over one year.

Connection Grants supporting **outreach activities** are valued at $7,000 to $50,000 over one year. SSHRC is willing to consider amounts higher than $50,000, although such applications must satisfactorily justify the need for the higher amount, as well as provide evidence the entire award can be managed within the one-year timeframe.

Applicants must request a minimum of $7,000.

**Additional Details**

**Notify ROADS of Intent to Apply:** March 13, 2020
**Draft Application Due to ROADS:** April 8, 2020
**Final Application Due to ROADS:** April 24, 2020
**Sponsor Deadline:** May 1, 2020

*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*

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**U21 HSG International Projects Fund**

The U21 HSG International Projects Fund is aimed at supporting academic and non-academic represented teams develop a collaborative project with at least three U21 HSG member institutions, across at least two countries. This is designed to be a more flexible fund to enable members to think innovatively with the aim of helping us achieve the network’s overarching goals. These may include for example: enhancing global education, information exchange and sharing of resources.

**Funding Details:** Up to £10,000 will be awarded annually with the expectation that, over a 12-month period, the project group will deliver specific project outputs and report on these at the Annual Meeting

**Additional Details**

**Internal HRS Deadline:** April 27, 2020
**Sponsor Deadline:** May 11, 2020

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**U21 HSG Research Development Fund**

The U21 HSG Research Development Fund is aimed at supporting interdisciplinary research projects across at least three U21 HSG member universities, across at least two countries.
**Funding Details:** Up to £10,000 will be awarded annually for a 12-month period with the expectation that this will lead to high-impact publications and applications for further substantial funding.

**Additional Details**
- **Internal HRS Deadline:** April 27, 2020
- **Sponsor Deadline:** May 11, 2020

**U21 HSG Student Research Fund**
The U21 HSG Student Research Fund is designed to support Masters (Research) and Doctoral Students across the network to develop a research project with at least three U21 HSG member institutions across two countries.

**Funding Details:** Up to £5,000 will be awarded annually with the expectation that, over a 12-month period, the project group will submit at least one high-impact paper for publication and report on project outputs at the Annual Meeting. This award includes a contribution to fund travel for a representative to attend the Annual Meeting.

**Additional Details**
- **Internal HRS Deadline:** April 27, 2020
- **Sponsor Deadline:** May 11, 2020

**Natural Sciences and Engineering Research Council of Canada (NSERC) Science Communication Skills Grant (pilot)**
NSERC is launching a pilot funding opportunity, the Science Communication Skills grant, to support organizations providing science communication skills training to students, fellows, and faculty in science, technology, engineering and math (STEM) from Canadian postsecondary institutions. Promoting science and understanding how scientific inquiry works are critical to a vibrant science culture in Canada. Improved science communication increases science literacy, the appreciation of science in Canadian society, and the role of science in evidence-based decision making, while countering science-related misinformation. Training supported by the pilot grant will educate students and researchers in STEM on how to effectively communicate science to the public.

**Eligible activities include:**
- training workshops in science communication skills
- mentorship activities
- conferences, symposia or webinars
- development of resources in tandem with delivery

Funds may be used for new activities or for improvements to content or delivery of existing activities. Training linked to course-work requirements (i.e., degree or diploma programs) is not eligible.

**Funding Details:** Organizations may request up to $20,000 in funding for a one-year period.

**Additional Details**
- **Notify ROADS of Intent to Apply:** March 27, 2020
- **Draft Application Due to ROADS:** April 17, 2020
- **Final Application Due to ROADS:** May 11, 2020
- **Sponsor Deadline:** May 15, 2020
- *To Apply, Contact Nathan Coschi, Senior Advisor, Development, ROADS at coschimn@mcmaster.ca or extension 21581*

**2021 Killam Research Fellowships Competition**
The Killam Research Fellowships provide two years of release time from teaching and administrative duties to scholars of exceptional ability who are engaged in research projects of broad significance and widespread interest. The Killam Research Fellowships are awarded annually, on a competitive basis, to support scholars doing research in any of the following fields: humanities, social sciences, natural sciences, health sciences, engineering, or studies linking any of the disciplines within these fields. Fellowships are offered to applicants considered outstanding based on their qualifications, achievements, and experience in areas related to their proposed research project as well as the scholarly significance, originality, and appropriateness and clarity of their proposed research project.
Funding Details: Fellowships are valued at $70,000 per year for 2 years. Up to six fellowships are awarded each year.

**Weston Brain Institute International Outstanding Achievement Award 2020**
The Weston Brain 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. Ensuring the world hears about scientific advances in a timely manner is also critical to accelerating treatments. The Weston Brain Institute International Outstanding Achievement Award was created to recognize and highlight the recent outstanding contributions of researchers to the global effort to fight these diseases.

Funding Details: This is a $40,000 prize

**Natural Sciences and Engineering Research Council of Canada (NSERC) E.W.R Steacie Memorial Fellowships**
NSERC is now accepting nominations for the E.W.R Steacie Memorial Fellowships program. Steacie Memorial Fellowships recognize early-stage academic researchers in the natural sciences and engineering and support them to enhance their research capacity, so that they can become leaders in their field and inspire others. Please review the information below as NSERC has significantly revised the eligibility and selection criteria.

Selection Criteria:
Nominations will be reviewed by a selection committee of distinguished academic, government and industry research representatives from a variety of disciplines. The committee will recommend the successful candidates to NSERC.

The committee will review nominations according to the following selection criteria:

- Research achievements and impacts (40%): originality, quality and impact of the candidate’s contributions to date and whether these contributions have led to ground-breaking advances in research areas and/or technology policy that addresses socioeconomic or environmental needs
- Outreach, mentorship and leadership (30%)
- Future directions (30%): research vision, proposed research and HQP training plan

Eligibility:
If you are an early-stage academic researcher, meaning that you have held an independent academic position for 10 years or less as of June 1 of the year of the competition and currently hold a grant from NSERC, you can prepare a nomination for this award. As well, applicants can now self-nominate, as long as they are certified by their host institutions. Institutions can certify up to six nominations.

Funding Details: If your nomination is successful, you will receive a research grant of $250,000 over two years.
**Canadian Glycomics Network: Translational Grants**

The Canadian Glycomics Network (GlycoNet) is a Network of Centres of Excellence that focuses on the role of glycans (carbohydrates) in health. Areas of focus are neurodegenerative diseases, infectious diseases, chronic diseases, in particular diabetes & obesity, genetic diseases involving errors in glycan metabolism, and cancer. Additional information about Network research can be found at www.glyconet.ca. A key goal of GlycoNet is the translation of research advances into novel products for treating disease. Accordingly, this Request for Proposals seeks to fund more mature projects needing Network support to de-risk and advance them to a state at which translation is possible.

**Funding Details:** GlycoNet has set aside up to $600,000 for this competition. Proposals may request up to $150,000 in funding. It is anticipated that projects will be completed within 12 months.

**Additional Details**

**Internal HRS Deadline:** June 1, 2020
**Sponsor Deadline:** June 15, 2020

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**Canadian Glycomics Network: Strategic Initiatives**

The Canadian Glycomics Network (GlycoNet) is a Network of Centres of Excellence that focuses on the role of glycans (carbohydrates) in health. Areas of focus are neurodegenerative diseases, infectious diseases, chronic diseases, in particular diabetes & obesity, genetic diseases involving errors in glycan metabolism, and cancer. Additional information about Network research can be found at www.glyconet.ca. A key goal of GlycoNet is the translation of research advances into novel products for treating disease. Accordingly, this Request for Proposals seeks to fund more mature projects needing Network support to de-risk and advance them to a state at which translation is possible.

**Funding Details:** These grants fund partner-led initiatives to advance a partner challenge. Maximum request: $150,000 for one year, with possibility of one-year renewal, 1:1 matching required.

**Additional Details**

**Internal HRS Deadline:** June 1, 2020
**Sponsor Deadline:** June 15, 2020

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**Ontario HIV Treatment Network (OHTN) HIV Endgame Funding Program**

OHTN has launched a new call for the HIV Endgame Funding Program. This funding call will support people and projects that have the potential to:

- meet the needs of populations in Ontario most affected by HIV
- drive changes in policy and practice across the HIV prevention, engagement, and care cascade
- lead to more integrated health and social services
- identify effective ways to address the social determinants that have a negative impact on the health of communities most affected by HIV
- contribute to a rapid learning HIV health and social system

The OHTN will support three types of award:

1. **Endgame Leader Awards:** a selection of salary awards for innovators and policy leaders at different stages of their careers, including Student Awards and support for investigators in frontline service environments (Community Fellows).
2. **Game Changer Awards:** investigator-driven awards that will build on the engagement of Ontario’s HIV innovation community to generate game-changing knowledge, and pilot and scale up innovative interventions. This stream includes the Breaking New Ground Award and the Implementation Science Award.
3. **Community Based Project and Participatory Evaluation Awards:** support for community-based agencies, their staff, and people living with HIV to undertake projects, needs assessments, quality improvements, and evaluation activities that help develop and modify effective programs, services, and policies or generate data to make the case for additional HIV inquiry relevant to Ontario’s needs.

**Funding Details:** Up to $1,300,000 is available.

**Additional Details**

**LOI Deadline:** April 3, 2020
Weston Brain Institute: Rapid Response and Transformational Research: Canada 2020

Alzheimer’s & Related Diseases
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 Rapid Response: Canada program was created to provide seed funding to catalyse novel, high-risk, high-reward translational research. Preliminary data is not required. The Transformational Research: Canada program funds transformative, novel, high-risk, high-reward translational research projects.

Funding Details:
- Rapid Response: Up to $300,000 over 18 months per project.
- Transformational Research: Up to $1,500,000 over up to 3 years per project.

LOI Deadline: March 27, 2020
Internal HRS Deadline: July 22, 2020
Sponsor Deadline: August 15, 2020

Patient-Centered Outcomes Research Institute (PCORI) Phased Large Awards for Comparative Effectiveness Research – Cycle 2 2020
The Patient-Centered Outcomes Research Institute (PCORI) will be releasing the “Phased Large Awards for Comparative Effectiveness Research” PCORI Funding Announcement (PFA) on May 5, 2020. Letters of intent are due on June 2, 2020. This PFA aims to fund high-quality comparative effectiveness research (CER) projects that will examine a critical patient-centered research question that is also relevant to decision makers and other stakeholders. For this PFA, investigators should propose an individual-level or cluster randomized controlled trial of significant scale and scope.

Funding Details: up to $2 million in direct costs for up to 18 months.

Additional Details:
Online System Opens: May 5, 2020
LOI Deadline: June 2, 2020
Internal HRS Deadline: August 18, 2020
Sponsor Deadline: September 1, 2020

Canadian Cancer Society: Impact Grants
The Impact Grant program supports significant progression in cancer research programs that are anywhere in the continuum from basic, high impact discovery to translational work of direct relevance to the clinic, to applied research. Impact Grants aim to accelerate and focus the knowledge gained from scientific findings, in the short- to medium-term, into outcomes that will:
- significantly improve scientific knowledge relevant to cancer;
- result in improved cancer treatment;
- result in optimized care of people living with and beyond cancer;
- result in reduced cancer burden.

Funding Details: Budgets awarded will not exceed $300,000 per year, to a maximum of $1,500,000 per grant. The grant term is up to 5 years.

Additional Details:
LOI Deadline: April 29, 2020
Internal HRS Deadline: September 1, 2020
Sponsor Deadline: September 15, 2020

Weston Brain Institute: Rapid Response and Transformational Research: Canada 2020 Parkinson’s & Related Diseases
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 Rapid Response: Canada program was created to provide seed funding to catalyse novel, high-risk, high-reward translational research. Preliminary data is not required. The Transformational Research: Canada program funds transformative, novel, high-risk, high-reward translational research projects.

**Funding Details:**
- Rapid Response: Up to $300,000 over 18 months per project.
- Transformational Research: Up to $1,500,000 over up to 3 years per project.

**LOI Deadline:** April 30, 2020  
**Internal HRS Deadline:** September 8, 2020  
**Sponsor Deadline:** September 22, 2020

**National Multiple Sclerosis Society: Pilot Research Grants**
The Society funds high-risk pilot grants to quickly test novel ideas. Funding is provided for one year to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding. We welcome applications for studies related to multiple sclerosis that may serve to advance our mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

**Funding Details:** See additional details.

**Additional Details**

**Sponsor Deadline:** Applications are being accepted on a rolling basis May 6, 2020 (pre-application is due May 4), September 16, 2020 (pre-application is due September 14)

**Alex’s Lemonade Stand: RUNX1 Early Career Investigator Grant**
The key objective is to promote the establishment of a new generation of translational and clinical researchers interested in tackling inherited hematologic malignancy predisposition disorders with a focus on RUNX1-familial platelet disorder. We believe that providing capital to early career investigators not only injects funding to where it is needed most, but also cultivates a new cohort of investigators who will be invested in an area of research that historically has had limited attention.

The RUNX1 Early Career Investigator grant is a 3-year award designed to fund research in strategies leading to the development of therapies to prevent the transition from pre-leukemia to leukemia for patients with RUNX1-FPD. Collaboration and data sharing are a priority for this research program. The RUNX1 Research Program and ALSF host an annual scientific meeting that brings together grant recipients and other scientists. Grant recipients are expected to present their progress as part of the annual review.

**Funding Details:** $180,000 over 3 years (maximum $60,000 per year may be requested).

**Additional Details**

**Sponsor Deadline:** Applications are being accepted on a rolling basis June 27, September 26 and December 26 annually.

**Canadian Cancer Society: Junior Investigator Grant Panel Travel Award**
Application guides can be found on the EGrAMS documentation for applicants page.

The Canadian Cancer Society is pleased to offer a special initiative to allow junior investigators in cancer research to gain knowledge and understanding of the Canadian Cancer Society peer-review process. During the year, through different funding opportunities, applications spanning all disciplines of cancer research are evaluated and ranked for funding.

Selected investigators from across Canada will be provided funds to reimburse travel costs to Toronto to observe a grant panel meeting. This unique opportunity will provide junior faculty members with an “inside look” at how research grants are reviewed in order to help structure their own grant proposals in future.

Eligible applicants are investigators in cancer research at the end of their Post-doctoral fellowship or within the first few years of their academic appointment. Priority will be given to those who have yet to be awarded a grant from a Canadian granting agency. Applications for these limited funds will be accepted via EGrAMS and require Department or Institution Head sign-off prior to submission.

**Additional Details**

**Sponsor Deadline:** Applications are being accepted on a rolling basis.
Cancer Research Society: Translational Research Partnership Program

The Translational Research Partnership Program supports collaborative projects in cancer research to help accelerate the development of new treatments and/or technologies for the benefit of patients. Our Translational Research Partnership strategy is bold and ambitious. We aim to break down the boundaries between research disciplines, which may include researchers from non-cancer backgrounds, in order to find innovative solutions to prevent, detect and treat cancer. We partner with a range of organizations to maximize the impact of research on patient outcomes.

Projects must meet the following conditions:

- Be translational research and may include clinical trial studies
- Basic research projects are out of scope
- Aim the development of a therapeutic and/or novel technologies
- Have excellent preliminary data to support the proposed project

The research team must consist of at least one principal investigator and one co-investigator. The inclusion of a variety of non-cancer disciplines is encouraged to drive the development of novel technologies and to take thinking from other fields that have not yet been applied to cancer.

All projects are evaluated based on the following criteria:

- Scientific excellence and innovativeness of proposed project
- Expertise of the multidisciplinary team
- Quality of preliminary data and feasibility
- Financial partner’s engagement
- Anticipated benefits for cancer patients

Funding Details: A maximum of $1,500,000 over up to 3 years per project of which up to 50% may come from the Cancer Research Society

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

McMaster Institute for Research on Aging (MIRA), Canadian Longitudinal Study on Aging (CLSA):

Call for Proposals

The CLSA is a large, national, long-term study of more than 50,000 men and women who were between the ages of 45 and 85 when recruited. These participants will be followed until 2033, or death. The aim of the CLSA is to find ways to help us live long and live well, and understand why some people age in healthy fashion while others do not.

Researchers must notify Laura Harrington, Managing Director, MIRA, of their intent to apply for CLSA data access to be considered for MIRA funding. MIRA funds are allocated only to projects that do not have any other funding for this purpose.

MIRA membership is required to be eligible.

Data access applications are accepted three times per year.

Funding Details: MIRA can support access fees of $3,000 for a maximum 10 applications.

Sponsor Deadline: June 17, 2020, October 7, 2020
Please contact Audrey Patocs at patocsae@mcmaster.ca with intent to apply or any inquiries. Applications will be handled through the MIRA office.

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

Matching Funds for Research Opportunities

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

Additional Details
Sponsor Deadline: Ongoing
Please contact Audrey Patocs at patocsae@mcmaster.ca with intent to apply or any inquiries. Applications will be handled through the MIRA office.

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
*To Apply, Contact Bertha Monrose, Contracts Advisor, MILO at monrose@mcmaster.ca or extension 22416*

Weston Brain Institute: Big Ideas
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. 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. The Institute is considering supporting a large-scale, pivotal project to significantly advance research in our field. With this call, we are seeking to identify highly impactful ideas for consideration. Of particular interest are ideas that will establish Canada as the world leader in a particular area. Goal: To support a large-scale, pivotal project that will significantly and sustainably advance research in the field of translational research on neurodegenerative diseases of aging.

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

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.

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.
Natural Sciences and Engineering Research Council of Canada (NSERC) Alliance Grants

NSERC is pleased to announce that option 2 of Alliance grants is now open and accepting applications.

During this initial phase, applications requesting over **$30,000** and up to **$100,000** per year will be accepted, and the number of applications each applicant (as principal investigator or as co-applicant) may submit will be limited to one within a 12-month period.

Alliance option 2 applications will be evaluated in two stages. Full applications will be submitted to a multidisciplinary and multisectoral selection committee that will assess whether a higher NSERC contribution is justified. The selection committee will meet on a quarterly basis, starting in the Spring. If selected, applications will then proceed to the second step for review of overall merit, similar to option 1.

For full details about Alliance grants and how to apply, please visit the Alliance webpage and the Frequently Asked Questions webpage.

Department of Defense Breast Cancer Research Program (BCRP) Funding Opportunities for Fiscal Year 2020

The BCRP challenges the scientific community to design research that will address the urgency of ending breast cancer. Specifically, the BCRP seeks to accelerate high-impact research with clinical relevance, encourage innovation and stimulate creativity, and facilitate productive collaborations. The DoD has 2 funding opportunities in this program. See Additional Details for further information.

**Breakthrough Award Level 3**
- Funding Level 3 – Maximum funding of $3 Million for direct and indirect costs for a maximum of 4 years.
- Funding Level 3 with Partnering PI Option – Maximum funding of $4 Million for direct and indirect costs for a maximum of 4 years.

**Breakthrough Award Level 4**
- Funding Level 4 with Partnering PI Option – Maximum funding of $10 Million for direct and indirect costs for a maximum of 4 years.

**Innovator Award**
- Maximum funding of $7 Million for direct and indirect costs for a maximum of 4 years.

LOI Deadline: **March 13, 2020** (A pre-application is required and must be submitted through eBRAP)

Internal HRS Deadline: **June 10, 2020**

Sponsor Deadline: **June 24, 2020**

Department of Defense Amyotrophic Lateral Sclerosis Research Program (ALSRP) Funding Opportunities for Fiscal Year 2020

The ALSRP is guided by a vision to improve treatment and find a cure for ALS. Through its award mechanisms and funding recommendations, the ALSRP specifically supports innovative and impactful research targeting development of new therapeutics for ALS. The Department of Defense has released 3 new ALSRP Award Mechanisms.

**Funding Details:**
- **Therapeutic Development Award** – Maximum funding of $1.0 million for direct and indirect costs for a maximum of 3 years.
- **Therapeutic Idea Award** – Maximum funding of $500,000 for direct and indirect costs for a maximum of 2 years. (Maximum funding of $600,000 if applying for the Therapeutic Relevant Biomarker Option)
- **Clinical Development Award** – Maximum funding of $300,000 for direct and indirect costs for a maximum of 2 years.
**Department of Defense Autism Research Program (ARP) Funding Opportunities for Fiscal Year 2020**

Autism Spectrum Disorder (ASD) encompasses a range of complex developmental disorders characterized by mild to severe challenges to social, emotional, and communication abilities. Recent reports by the Centers for Disease Control and Prevention indicated that the prevalence of ASD may be as high as 1 in 59. According to the report (Morbidity and Mortality Weekly Report 67 (2018) 1-23) an estimated 1 in 37 boys and 1 in 151 girls are affected and, thus, are identified as living with ASD.

**Funding Details:**
- **Clinical Trial Award** – Maximum funding of $2,000,000 for direct and indirect costs for a maximum of 4 years, or $2,300,000 for an Early-Career Investigator Partnering PI Option.
- **Idea Development Award** – Maximum funding of $550,000 for direct and indirect costs for a maximum of 3 years.
- **Clinical Translational Research Award** – Maximum funding of $600,000 for direct and indirect costs for a maximum of 3 years.

**Additional Details**
- **LOI Deadline:** March 27, 2020 (A pre-application is required and must be submitted through eBRAP)
- **Internal HRS Deadline:** July 9, 2020
- **Sponsor Deadline:** July 23, 2020

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**Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2020**

The Department of Defense (DoD) Ovarian Cancer Research Program (OCRP) was initiated in FY97 to support high-impact, cutting-edge research that fills unmet needs. The OCRP establishes priorities to target the most critical needs along the research development pipeline from basic to translational to clinical research, including clinical trials, and to push the field of ovarian cancer forward through their vision to “Eliminate ovarian cancer”.

**Funding Details:**
- **Clinical Translational Research Award** – Maximum funding of $450,000 for direct and indirect costs for a maximum of 3 years.
- **Investigator-Initiated Research Award** – Maximum funding of $600,000 for direct and indirect costs for a maximum of 4 years.
- **Ovarian Cancer Academy Award – Early Career Investigator** – Maximum funding of $725,000 for direct and indirect costs for a maximum of 4 years.
- **Pilot Award** – Maximum funding of $250,000 for direct and indirect costs for a maximum of 2 years.

**Additional Details**
- **LOI Deadline:** April 15, 2020 (A pre-application is required and must be submitted through eBRAP)
- **Internal HRS Deadline:** July 2, 2020
- **Sponsor Deadline:** July 16, 2020

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**Department of Defense Peer Reviewed Medical Research Program (PRMRP) Funding Opportunities for Fiscal Year 2020**

The Peer Reviewed Medical Research Program (PRMRP), established in fiscal year 1999 (FY99), has supported research across the full range of science and medicine, with an underlying goal of enhancing the health, care, and well-being of military Service members, Veterans, retirees, and their family members. There are 4 new funding opportunities released for the Peer Reviewed Medical Research Program. Please note various deadlines. Additional Details found [here](#).

**Funding Details:**
- **Discovery Award** – Maximum funding of $200,000 for direct and indirect costs for a maximum of 2 years.
LOI Deadline: April 16, 2020 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: April 23, 2020
Sponsor Deadline: April 30, 2020

• **Focused Program Award** – Maximum funding $7.2 Million for direct and indirect costs for a maximum of 4 years.

  LOI Deadline: April 23, 2020 (A pre-application is required and must be submitted through eBRAP)
  Internal HRS Deadline: July 23, 2020
  Sponsor Deadline: August 6, 2020

• **Investigator-Initiated Research Award** – Maximum funding of $1.6 million for direct and indirect costs or $2.0 million with a Partnering PI option for a maximum of 4 years.

• **Technology/Therapeutic Development Award** – Maximum funding of $4.0 million for direct and indirect costs for a maximum of 4 years.

LOI Deadline: April 23, 2020 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: August 6, 2020
Sponsor Deadline: August 20, 2020

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**Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2020**

Bone marrow failure is a general term covering many diseases. Bone marrow, the sponge-like tissue found inside bones, contains blood-forming stem cells that develop into red blood cells, white blood cells, and platelets. Disorders affecting the stem cells can, in turn, lead to bone marrow failure—rare, potentially life-threatening diseases in which the bone marrow stops functioning or produces abnormal blood cells.

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

**Additional Details**
LOI Deadline: May 11, 2020 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: July 22, 2020
Sponsor Deadline: Aug 5, 2020