SSHRC will be holding two webinars on the upcoming Insight Development Grants (IDG) 2020 competition. The webinars will outline what is new this year and focus on responding to questions. Advance registration is not required. They will be held via WebEx (for the visual presentation, written questions and audio) on the following dates:

**French:** December 18, 2019 – 10:00-11:30 AM ET [Link to Meeting]

**English:** December 18, 2019 – 1:30-3:00 PM ET [Link to Meeting]

**Topic:** IDG 101 and Updates

For questions about the Insight Development Grants, please contact Christina Pellegrini, ROADS, at ext. 27207 or pellegrc@mcmaster.ca

*NEW* ICTR Short Video #5: Alternative Randomization Ratios

On Friday, November 22, 2019, the NHLBI-funded Innovative Clinical Trial Resource (ICTR) will released their fifth short video: Alternative Randomization Ratios. The video will be posted and available for viewing from the ICTR [website](https://innovativeclinicaltrial.org/).

The webinar has been archived and available for viewing on the ICTR website following the broadcast. This topic will be presented by Dr. Mark Fitzgerald of Berry Consultants, LLCs. No advanced registration is necessary. A short description is provided below.

**Description:** Most clinical trials are randomized 1:1, with equal allocation to the control and treatment arms. While 1:1 allocation typically minimizes the trial sample size, many trials use alternative ratios (often 2:1). These alternative ratios may increase the accrual rate, increase the size of the trial safety database, or address factors such as the incorporation of historical information. In this video Mark Fitzgerald discusses the pros and cons of differing allocation ratios and how a particular ratio might be chosen in practice.

**Bio:** Mark Fitzgerald earned his PhD in statistics from Carnegie Mellon University in 1996, and has since worked at Los Alamos National Laboratory, University of Colorado at Denver, and Neptune and Company. He has broad experience with statistical and mathematical modeling in a wide range of scientific disciplines. He has contributed to papers across disciplines with his many collaborators, as well as serving as Associate Editor for the Journal of Computational and Graphical Statistics.

**About the Innovative Clinical Trial Resource Program:** The goals of the NHLBI Innovative Clinical Trials Resource (ICTR) are twofold: 1) provide statistical consultative services to awardees of the “Catalyzing Innovation in Late Phase Clinical Trial Design and Statistical Analysis Plans Initiative” FOAs ([U34/X01](https://innovativeclinicaltrial.org/) and 2) develop and provide an educational program on the application of non-traditional clinical trial design and analysis for the NHLBI research community. To learn more about the Innovative Clinical Trials Resource (ICTR), please visit our website: [https://innovativeclinicaltrial.org/](https://innovativeclinicaltrial.org/). To receive notice of this and all future events, please register for an account: [https://innovativeclinicaltrial.org/register](https://innovativeclinicaltrial.org/register)

**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

Connect with MITACS specialist Ryan Caldwell, rcaldwell@mitacs.ca located at McMaster Industry Liaison Office (MILO).
https://www.mitacs.ca/en/programs

<table>
<thead>
<tr>
<th>Mitacs Globalink Information Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitacs Globalink invites you to the upcoming Globalink Information Session on <strong>Thursday, December 5&lt;sup&gt;th&lt;/sup&gt;, 2019</strong>, from <strong>15:00h to 16:30h ET</strong>. This fully bilingual session will be accessible via <a href="https://www.mitacs.ca/en/programs">Webinar</a>. The session will provide information on <strong>inbound</strong> and <strong>outbound</strong> Globalink mobility programs, including program enhancements, immigration procedures, and upcoming changes. The session will not cover introductory information. We invite you to <a href="https://www.mitacs.ca/en/programs">view our orientation videos</a> ahead of the session for an introduction to the initiatives.</td>
</tr>
</tbody>
</table>

**Event Details**

Date: Thursday, December 5<sup>th</sup>, 2019
Time: 15:00h to 16:30h (ET)
RSVP: Please RSVP for the session by **November 27<sup>th</sup>** to confirm your attendance.
*Please note we will send all participants the session presentation after the event.*

**Please register here for the session**

**Agenda**

**Mitacs International Strategy**
- Changes to the orientation of the Globalink Research Awards to support high-level research priorities of Canadian universities
- Creation of MOUs between Mitacs and Canadian universities for co-funding and joint strategic use

**Inbound programs**
- Comparison of program streams and supports available
- Upcoming program activities
- Review of Globalink Research Award submission process
- Immigration reminder

**Outbound programs**
- Comparison of program streams and submission process
- Review of Globalink Research Award funding flow
- Globalink & partner programs updates

**Webinar Login Information**

Please register **in advance** via [GoToWebinar](https://www.mitacs.ca/en/programs).

After registering, you will receive a confirmation email containing information about how to join the webinar and an option to add the event to your calendar. Please allocate **5 to 10 minutes before** the session begins to connect to the webinar.

Participants wishing to receive French audio will need to follow these steps:
1. Register via [GoToWebinar](https://www.mitacs.ca/en/programs) and log in using the instructions when the session is live.
2. Mute the GoToWebinar audio, as this platform will broadcast in English. You will be able to view bilingual PowerPoint slides in the GoToWebinar platform.
3. Use your phone to dial 1 (438) 320-1773 or 1 (833) 682-5119 (toll free), then enter access code **614780278#** French content will be broadcast through this phone line.

**Mitacs Industrial Postdoc Accelerate Program**

The Mitacs Accelerate industrial postdoc provides 1, 2 or 3 years of funding – valued at $55,000 per year - for a postdoctoral fellow in any discipline. This special initiative offers better leveraging than standard Mitacs Accelerate internships.
Postdoctoral fellow’s partner with a company or not-for-profit organization and build a longer-term research collaboration.

Companies and organizations gain a competitive advantage by adding a highly-skilled member to their teams while postdoctoral fellows apply their expertise to real-world problems and build business-ready skills.

Apply from October 16th to December 6th, 2019.

**MIRA 2019 Funding**

MIRA/LCMA Matching Funding for External, Competitive Funding Calls

**Deadline:** Rolling

**Funding available:** Matching funds up to $100,000

In order to improve the positioning of McMaster’s researchers in external funding competitions, MIRA and the Labarge Centre for Mobility in Aging have allocated funding that may 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. For more details, [click here](#).

### 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 – Masters Award: Frederick Banting and Charles Best Canada Graduate Scholarships Doctoral Award</td>
<td><em>e-approval</em></td>
<td>Graduate Studies</td>
<td>Dec 2</td>
</tr>
<tr>
<td>CIHR – Catalyst Grant: Impacts of Financial and Organization Restructuring of Public Health</td>
<td>Dec 3</td>
<td>Dec 13</td>
<td>Jan 7 2020</td>
</tr>
<tr>
<td><em>NEW</em>CIHR – Team Grant: CIHR-JDRF – Accelerating Stem Cell-Based Therapies for Type 1 Diabetes</td>
<td>Jan 15 2020</td>
<td>Jan 29 2020</td>
<td></td>
</tr>
<tr>
<td><em>NEW</em>CIHR – Team Grant: Netherlands-Canada Type 2 Diabetes Research Consortium</td>
<td>Feb 25 2020</td>
<td>Mar 10 2020</td>
<td>Mar 24 2020</td>
</tr>
<tr>
<td>CIHR – Training Grant: SPOR National Training Entity</td>
<td>Dec 10</td>
<td>Jun 16 2020</td>
<td>Jun 30 2020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funding Opportunity (Non-CIHR)</th>
<th>LOI Deadline</th>
<th>Internal HRS Deadline</th>
<th>Sponsor Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alex’s Lemonade Stand: Epidemiology Grants</td>
<td>Dec 2</td>
<td>Dec 16</td>
<td></td>
</tr>
<tr>
<td>Alex’s Lemonade Stand: Young Investigator Grants</td>
<td>Dec 2</td>
<td>Dec 16</td>
<td></td>
</tr>
<tr>
<td>President’s Awards for Community Engaged Scholarship</td>
<td>Dec 6</td>
<td>Dec 20</td>
<td></td>
</tr>
<tr>
<td>MIRA &amp; McMaster Institute for Pain Research and Care (IPRC) Catalyst Grant</td>
<td>Dec 13</td>
<td>Jan 2 2020</td>
<td></td>
</tr>
<tr>
<td>Contribution Program</td>
<td>Application Date 1</td>
<td>Application Date 2</td>
<td>Dates</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------------</td>
<td>----------------------</td>
<td>------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>The Office of the Privacy Commissioner of Canada (OPC) 2020-2021 Contributions Program</td>
<td>Dec 13</td>
<td>Jan 6 2020</td>
<td></td>
</tr>
<tr>
<td>European Respiratory Society (ERS) Long-Term Research Fellowship</td>
<td>Dec 13</td>
<td>Jan 13 2020</td>
<td></td>
</tr>
<tr>
<td>Parkinson Canada Research Program: Progressive Supranuclear Palsy (PSP) – 1 Pilot Project Grant</td>
<td>February 3, 2020</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Sciences and Humanities Research Council (SSHRC) Connection Grants</td>
<td>December 16 to ROADS</td>
<td>January 24, 2020 to ROADS</td>
<td>February 3, 2020</td>
</tr>
<tr>
<td>Mitacs Canadian Science Policy Fellowship</td>
<td>January 22, 2020</td>
<td>February 5, 2020</td>
<td></td>
</tr>
<tr>
<td>Alliance for Cancer Gene Therapy 2020 Investigator Award</td>
<td>December 3, 2019</td>
<td>January 31, 2020</td>
<td>February 14, 2020</td>
</tr>
<tr>
<td>Social Sciences and Humanities Research Council (SSHRC) Partnership Grants – Stage 1</td>
<td>February 4, 2020</td>
<td>February 24, 2020 to March 10, 2020</td>
<td></td>
</tr>
<tr>
<td>2019 CDTRP Research Innovation Grant Competition</td>
<td>February 5, 2020</td>
<td>February 19, 2020</td>
<td></td>
</tr>
<tr>
<td>Brain Canada Foundation Platform Support Grant Program</td>
<td>February 4, 2020</td>
<td>February 24, 2020</td>
<td>Mar 10, 2020</td>
</tr>
<tr>
<td>Prostate Cancer Canada (PCC) Implementation Research Competition</td>
<td>January 15, 2020</td>
<td>March 18, 2020</td>
<td>Apr 1, 2020</td>
</tr>
<tr>
<td>National Multiple Sclerosis Society: Pilot Research Grants</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Alex’s Lemonade Stand: RUNX1 Early Career Investigator Grant</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Canadian Cancer Society: Junior Investigator Grant Panel Travel Award</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Cancer Research Society: Translational Research Partnership Program</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>The Ontario HIV Treatment Network (OHTN), Endgame Funding Program: Community-Based Research and Evaluation (CBR&amp;E) Awards</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Crohn’s &amp; Colitis Foundation: IBD Ventures</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>McMaster University, McMaster Institute for Research on Aging (MIRA), Canadian Longitudinal Study on Aging (CLSA): Call for Proposals</td>
<td>Ongoing MIRA</td>
<td>Ongoing</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 MIRA</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Mitacs Accelerate Fellowship</td>
<td>Ongoing MILO</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute: Big Ideas</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Weston Brain Institute: Early Phase Clinical Trials: Canada</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Mitacs Accelerate Program</td>
<td>Ongoing MILO</td>
<td>Ongoing</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences and Engineering Research Council of Canada(NSERC) Alliance Grants</td>
<td>Ongoing MILO</td>
<td>Ongoing</td>
<td></td>
</tr>
</tbody>
</table>
**CIHR – Masters Award: Frederick Banting and Charles Best Canada Graduate Scholarships**

The Canada Graduate Scholarships Master’s (CGS M) awards are intended to provide special recognition and support to students who are pursuing a Master’s degree in a health-related field at a Canadian institution. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.

For detailed information, visit the harmonized CGS M program page.

**Funding Details:** The total amount available for this funding opportunity is $9.45M, enough to fund approximately 540 awards. Trainee stipend: $17,500 for 12 months, non-renewable.

**Additional Details**
**Sponsor Deadline:** December 2, 2019
*To apply please contact Graduate Studies*

---

**CIHR – Catalyst Grant: Impacts of Financial and Organization Restructuring of Public Health**

The Measuring the impacts of financial and organizational restructuring of public health opportunity is expected to:

- Generate evidence on how changes to the funding, organization and/or delivery of public health services impact population health, health systems and health equity;
- Improve data and methods for measuring the benefits, costs, harms and trade-offs of changes in public health funding, organization and/or delivery; and
- Develop evidence that can be used to inform future decisions or policies related to public health resourcing and organization.

**Funding Details:** The total amount available for this funding opportunity is $1,000,000, enough to fund approximately five (5) grants. The maximum amount per grant is $200,000 for 1 year. This amount may increase if additional funding partners participate.

**Additional Details**
**LOI Deadline:** December 3, 2019
**Internal HRS Deadline:** December 13, 2019
**Sponsor Deadline:** January 7, 2020

---

**CIHR – Team Grant: CIHR-JDRF – Accelerating Stem Cell-Based Therapies for Type 1 Diabetes**

The specific objectives of this funding opportunity are:

- To strengthen and create new, Canadian-led multidisciplinary collaborations among researchers working in stem cell biology, immunology and related fields to advance knowledge and technologies relevant to beta cell replacement in T1D.
- To accelerate potential stem cell-based therapies for T1D to the preclinical or clinical trial stage.

**Funding Details:** The total amount available for this funding opportunity is $6,000,000, enough to fund 2 teams. The maximum amount per team grant is $600,000 per year for 5 years for a total of $3,000,000 per team grant. CIHR and JDRF will co-fund each team at a ratio of 1:1 across the 5 years of the grant.

**Additional Details**
**Internal HRS Deadline:** January 15, 2020
**Sponsor Deadline:** January 29, 2020

---

**CIHR – Team Grant: Netherlands-Canada Type 2 Diabetes Research Consortium**

The specific objectives of this funding opportunity are:

- to support research and development with a considerable economic and societal impact that:
  - focuses on prevention, reversal or remission of type 2 diabetes or pre-diabetes;
  - improves the quality of life for individuals with type 2 diabetes and their families;
  - leads to sustainable collaborations between Dutch and Canadian type 2 diabetes researchers and Canadian type 2 diabetes researchers and for-profit private parties and other private parties.

**Funding Details:** The total amount available for this funding opportunity is approximately $5,715,096 CAD, enough to fund one Netherlands-Canada Type 2 Diabetes Research Consortium grant.
CIHR – Training Grant: SPOR National Training Entity
This funding opportunity is expected to increase capacity in patient-oriented research and support viable career paths in patient-oriented research by:

- Leveraging and adding to existing patient-oriented research training opportunities and resources in order to guide individuals through personalized development paths in a systematic manner;
- Coalescing the community of patient-oriented research leaders, mentors, coaches and trainees to share and innovate approaches to patient-oriented research capacity building;
- Integrating patient-oriented research principles, practices, and findings within Canadian health care contexts by positioning future leaders in the patient-oriented research community, including but not limited to trainees, early career researchers, and implementation specialists (as defined above).
- Incorporating Indigenous, Western, and other paradigms of patient-oriented research, training, mentoring, and leadership to enrich the training and career development of all participating trainees and mentors in a culturally safe manner.

**Funding Details:** The total amount available for this funding opportunity is $5,350,000.

Alex’s Lemonade Stand: Epidemiology Grants
Epidemiology awards will support investigators pursuing research studies in human populations using epidemiological approaches, in order to significantly contribute to the understanding of childhood cancers.

This grant mechanism is designed to support hypothesis-driven research that focuses on the epidemiology, early detection and prevention of childhood cancer or comparative effectiveness and outcomes research related to detection, prevention, and treatment.

**Funding Details:** $100,000 per year for two years for direct costs.

Alex’s Lemonade Stand: Young Investigator Grants
The Young Investigator grant is a 3-year award designed to support scientists in the early stages of their research careers, such as postdoctoral or clinical fellows. Outstanding mentorship and demonstration of a career plan that shows commitment to pediatric cancer investigation are critical components of a successful application.

**Funding Details:** Up to $150,000 over three years. A maximum of $50,000 in total costs will be awarded to applicants annually.

President’s Awards for Community Engaged Scholarship
The President’s Awards for Community Engaged Scholarship will be available to teams with a minimum of one (1) faculty member and one (1) representative of a community group who have demonstrated a commitment to initiating and supporting excellence in community-campus research initiatives. The definition of Community Engagement used to evaluate submissions includes:

- Valuing the expert knowledge and passion that members of the community have about their communities and issues affecting them
- Fostering ongoing collaboration between University and community partners on how to better understand and consider the issues identified as priorities by local communities
Performing research, teaching and service with community members and partners for the public good within the local community.

Community representatives may be from the public, not-for-profit, private sector, or from a grassroots community group, as long as the overall initiative meets the definition of Community Engagement, defined above. Initiatives must be established and in existence for a minimum of one (1) year.

**Funding Details:** The award will include a $10,000 grant towards furthering a specific community engaged research project.

Additional Details available by contacting Ashley Shinde in the Office of Community Engagement at community@mcmaster.ca

Internal HRS Deadline: **December 6, 2019**
Sponsor Deadline: **December 20, 2019**

---

**MIRA & McMaster Institute for Pain Research and Care (IPRC) Catalyst Grant**

MIRA and the Michael G. DeGroote Institute for Pain Research and Care (IPRC) will co-fund a catalyst grant supporting a project that stimulates new collaborations and allows the collection of preliminary data on research that considers pain and aging as central themes. Interdisciplinary teams, involving researchers from at least three different McMaster Faculties, are invited to submit proposals that have clear potential benefits for older adults.

**Funding Details:** One grant funded up to $60,000; matching contribution of at least $10,000 (at least $5,000 cash) is required

**Additional Details**
Internal HRS Deadline: **December 13, 2019**
Sponsor Deadline: **January 2, 2020**

---

**The Office of the Privacy Commissioner of Canada (OPC) 2020-2021 Contributions Program**

The Office of the Privacy Commissioner of Canada (OPC) today issued a call for proposals under its 2020-2021 Contributions Program. The Office is inviting research and knowledge translation applications that advance its strategic privacy priorities. This year, the OPC is particularly interested in funding one or more research projects on artificial intelligence and its repercussions on privacy rights. The OPC is also interested in funding the organization of a new "Pathways to Privacy" symposium. We will award up to $50,000 to any single project. All proposals must be submitted by **January 6, 2020**.

**Funding Details:** up to $50,000 to any single project.

**Additional Details**
Internal HRS Deadline: **December 13, 2019**
Sponsor Deadline: **January 6, 2020**

---

**Simons Foundation Autism Research Initiative (SFARI): 2020 Research Award**

Grants awarded through this RFA are intended to provide support for the investigation of key unresolved research questions in autism, particularly those that connect etiology to brain function and behavior. SFARI welcomes risk and novelty in Research Award proposals, but potential impact on the autism research field will be the most important criterion. Competitive applications will have preliminary data or other relevant groundwork that justifies substantial investment on the proposed topic.

**Funding Details:** Maximum $1,300,000 including 20% indirect costs over a maximum 4 years.

**Additional Details**
Internal HRS Deadline: **December 13, 2019**
Sponsor Deadline: **January 10, 2020**

---

**European Respiratory Society (ERS) Long-Term Research Fellowship**

Long-Term Research Fellowships (LTRF) enable investigators and clinicians in the early stages of their career to carry out basic, translational or clinical research projects. Through this experience, young scientists learn and apply advanced research procedures and techniques not available at their home institute. Since 2015, ERS has increased the number of fellowships on offer by welcoming applicants from scientifically developing countries, and through partnerships with other organizations. Applicants are selected based on their scientific merit and the skills and experience they can bring to a new centre.
Funding Details: ERS long-term fellowships include a living stipend, a child allowance and a travel grant. Grants are calculated based on host country.

Additional Details
Internal HRS Deadline: December 13, 2019
Sponsor Deadline: January 13, 2020

Parkinson Canada Research Program: Progressive Supranuclear Palsy (PSP) – 1 Pilot Project Grant
The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson’s disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson’s conditions and the impact these diseases have on society. Multiple funding opportunities are now available.

Funding Details:
• Pilot Project Grant – One-year Duration Maximum funding of $50,000
• New Investigator Award – Two-year Duration, $45,000 per year
• Basic Research Fellowship – Two-year Duration, $40,000-$50,000 per year
• Clinical Movement Disorders Fellowship – One-year Duration, $50,000
• Clinical Research Fellowship – Two-year Duration, $50,000 per year
• Graduate Student Award – Two-year Duration, $10,000 per year

Additional Details
Internal HRS Deadline: January 20, 2020
Sponsor Deadline: February 3, 2020

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 and longer-term projects potentially eligible for funding through other SSHRC funding opportunities.

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.

Additional Details
Notify ROADS of Intent to Apply: December 16, 2019
Draft Application Due to ROADS: January 10, 2020
Final Application Due to ROADS: January 24, 2020
Sponsor Deadline: February 3, 2020
*To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 27207*

Mitacs Canadian Science Policy Fellowship
The Mitacs Canadian Science Policy Fellowship places PhD holders in government host offices for a 12-month immersion into the policy-making process. Fellows apply their academic training, critical thinking, and analytical skills to support evidence-informed decision-making that addresses policy challenges within participating federal and provincial host offices. Hosts gain valuable science-based knowledge and build the professional skills of participating fellows.

The fellowship aims to:
• Create mutually beneficial relationships between government decision-makers and academic researchers in support of policy challenges in Canada
• Enhance science communication, collaboration, and capacity in support of evidence-informed policy making
• Equip academic researchers with skills to address policy challenges while learning about government
• Contribute to a national network of science policy expertise across academia, government, not-for-profit organizations, and industry

**Funding Details:** Through the fellowship, fellows work full-time in a participating host office for 12-months (September-August) at a salary of $70,000-$80,000.

**Additional Details**
**Internal HRS Deadline:** January 22, 2020  
**Sponsor Deadline:** February 5, 2020

**Cancer Research Society 2020 Operating Grants**
Awarding operating grants annually is the principal means by which the Cancer Research Society fulfills its mission to support fundamental, early translational and environment-cancer research in the broad field of cancer to contribute to the advancement of science aimed at preventing, detecting and treating this disease. The Cancer Research Society Operating Grants Competition is open to researchers across Canada.

**Funding Details:** $60,000 per year for 2 years.  
**75th Anniversary Special Grants** - $150,000 over 5 years

**Additional Details**
**LOI Deadline:** December 4, 2019  
**Internal HRS Deadline:** January 29, 2020  
**Sponsor Deadline:** February 12, 2020

**Alliance for Cancer Gene Therapy 2020 Investigator Award**
This award is for those conducting cell and gene therapy research in solid tumors with preference given to those researching new approaches to glioblastoma and pancreatic cancers including, but not limited to, following areas:

- Identification of new molecular targets for solid tumors, including neo-antigens as immunotherapeutic targets, specifically in pancreatic cancer and glioblastoma.
- Enhancement of dendritic cell functions, including antigen presentation and T cell activation, to generate more effective anti-tumor immune responses.
- Manipulation of the tumor microenvironment to augment and sustain anti-tumor immunity.
- Activation of innate immune responses against cancer, including investigating the therapeutic potential of Natural Killer (NK) cells in low-antigen expressing or MHC-deficient tumors.
- Potentiation of oncolytic virotherapy approaches in solid tumors, especially exploiting their potential to convert “cold tumors” into “hot tumors”.
- Development of novel gene delivery systems and oncolytic agents with potential for therapeutic efficacy in vivo and clinical translation.
- Exploration of microRNAs as therapeutic agents.

**Funding Details:** up to $500,000 each

**Additional Details**
**LOI Deadline:** December 3, 2019  
**Internal HRS Deadline:** January 31, 2020  
**Sponsor Deadline:** February 14, 2020

**Social Sciences and Humanities Research Council (SSHRC) Partnership Grants – Stage 1**
Partnership Grants are expected to respond to the objectives of the Insight and/or the Connection program. Proposals exclusively for partnered research training initiatives are expected to respond, instead, to the objectives of the Talent program.

**Funding Details:**
- Stage 1: Applications successful at Stage 1 are valued at up to $20,000. These funds help applicants successful in Stage 1 to prepare for the Stage 2 application, that is, to further refine the question(s) to be addressed; to establish partnership arrangements, governance structure and/or approach/methodology; and to consolidate their collaborative activities.
• Stage 2 (by invitation only): Partnership Grants are valued at up to $500,000 per year over four to seven years, up to a total of $2,500,000.

**Additional Details**
Notify ROADS of Intent to Apply: December 6, 2019
Draft Application Due to ROADS: January 2, 2020
Final Application Due to ROADS: February 6, 2020
Sponsor Deadline: February 14, 2020
*To Apply, Contact Pamela McIntyre, Assistant Director, Development, ROADS at mcintyp@mcmaster.ca or extension 23713*

---

**2019 CDTRP Research Innovation Grant Competition**
The primary objective of the CDTRP Research Innovation Grant competition is to support new peer-reviewed pilot research projects that align with CDTRP’s One-Transplant-for-Life vision, which is to fulfill every donor opportunity and turn transplant into a cure. These projects must be new stand-alone studies that align with one of the 5 Themes of the CDTRP and should be used to generate preliminary data to support further investigation. The 5 CDTRP Themes are:

• Create a culture of donation
• Inform universal practices for donation
• Engineer and allocate a better graft
• Tailor an optimal immune system for each patient
• Restore long-term health

Grant recipients are expected to integrate their proposed study within the CDTRP research structure.

**Funding Details:** The total value of the competition is $420,000 and each grant is a total of $30,000 CDN each, enough to support 14 grants.

---

**Brain Canada Foundation Platform Support Grant Program**
Central to PSG is the concept of added value: support from Brain Canada and sponsors must result in at least one of the following outcomes:

• Improvement in operations and capabilities of existing platforms such that research is facilitated and/or accelerated.
• Access to specialized technology or integration and coordination of existing infrastructure such that quality is improved and more widely accessible.
• Creation of new data pools, or improved access to existing data, which allows for the conduct of research activities not previously feasible.
• A discernable impact on Canada’s capabilities in neuroscience research, even for local and regional platforms.

**Funding Details:** The 2019 competition has an overall envelope of $6 million dollars, excluding matched funding from sponsors. Annual grant amounts are typically $750,000 - $2 million each (unmatched) over 3 years, with flexibility in the total amount and annual funding profile to accommodate the needs of specific platforms.

---

**Prostate Cancer Canada (PCC) Implementation Research Competition**
The Implementation Research Grant program will:

• Allow applications from the following areas of prostate cancer research (CIHR Pillars 3 & 4)
  • Health services, including research with the goal of improving the efficiency and effectiveness of health professionals and the health care system, through changes to practice and policy.
Population and public health, with the goal of improving the health of the Canadian population, or of defined sub-populations, through a better understanding of the ways in which social, cultural, environmental, occupational and economic factors determine health status.

- Fund applications that have been evaluated by a rigorous peer-review process that assess:
  - Track record of investigator team
  - Methodology and feasibility of proposed work
  - Potential impact on individuals affected by prostate cancer

**Funding Details:** Funding of up to $100,00 per project over 2 years.

**Additional Details**

**LOI Deadline:** January 15, 2020  
**Internal HRS Deadline:** March 18, 2020  
**Sponsor Deadline:** April 1, 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 8, 2019 (pre-application is due May 6), September 11, 2019 (pre-application is due September 9), January 8, 2020 (pre-application is due January 6).

---

**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.

Please view the list of [current grant panels](#) for more information on available panels.
**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.

---

**The Ontario HIV Treatment Network (OHTN), Endgame Funding Program: Community-Based Research and Evaluation (CBR&E) Awards**

The OHTN Community-Based Research & Evaluation Fund (CBR & E Fund) is designed to help achieve the mission of the OHTN; to improve the health and well-being of people living with and at risk of HIV in Ontario, through a network that promotes research and evidence to drive change. The CBR & E Fund will assist communities by supporting both the production and discovery of knowledge through community-based research, and the use of evidence to drive programming through participatory program evaluation.

OHTN is committed to funding scientifically rigorous, community relevant research that will have a short-to medium-term impact on those most affected by HIV in Ontario:

- People living with HIV/AIDS
- Gay men and other men who have sex with men, including gay, bi, and queer trans men, youth and newcomers
- African, Caribbean and Black men and women, including youth
- Aboriginal men and women, including youth
- Men and women who use drugs
- Women, including trans women, who are at risk (e.g. have unprotected sex or share drug equipment with people from the populations listed above)

The CBR & E fund will provide grant support to eligible community-initiated HIV research and evaluation projects that explore questions of importance to community-based organizations and have the potential to have a meaningful impact on those most affected by HIV in Ontario in the next 2-5 years.

**Funding Details:** $25,000 to $50,000 for 1 year.
Crohn’s & Colitis Foundation: IBD Ventures

Is your organization engaged in the discovery or development of a novel product with the potential to help patients with inflammatory bowel diseases? If so, we want to hear from you!

The Crohn's & Colitis Foundation seeks to accelerate the development of products that aim to improve the quality of life of patients with inflammatory bowel diseases. Toward that end, the Foundation has launched IBD Ventures, a new program and dedicated funding mechanism to support product-oriented research and development. Companies and academic investigators can apply.

**Funding Details:** Up to $500,000 per project per year will be considered. In addition, funded programs will be offered accelerator resources and advising.

**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.

**Additional Details** [https://www.clsa-elcv.ca/about-us](https://www.clsa-elcv.ca/about-us) & [https://www.clsa-elcv.ca/data-access/data-access-application-process](https://www.clsa-elcv.ca/data-access/data-access-application-process)

**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.

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.

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

---

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

NSERC is pleased to announce the opening of the next phases of Alliance grants.

On December 2, 2019, Alliance grants will be open for Option 1 applications requesting over $30,000 annually from NSERC. Applications requesting between $20,000 and $30,000 annually from NSERC will be accepted beginning on December 11, 2019. Option 2 applications requesting support for up to 90% or 100% of the costs of the project will be accepted in early 2020. This component of the Alliance grants is intended for proposals that:
• aim at conducting natural science or engineering research that addresses an unmet societal need. This may include research affecting public goods, or that will address national or global issues that benefit more than a single or a few organizations, and where sources of funds are unavailable;

• connect partner organizations willing and able to overcome existing barriers to address these challenges and achieve results that can lead to a societal impact beyond economic benefits, and where an increased level of support from public funds is justified.

More details on the objectives and on the application and evaluation processes for Option 2 will follow soon.

Additional Details

Sponsor Deadline: Ongoing

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