Week of June 1, 2018

Dear colleagues,

Please find below this week’s updates:

- Congratulations to Drs. Ingram, Rabbat, Brimble, Gangji, Treleaven, and Margetts who were recently highlighted in The Hamilton Spectator for the work they do at the Dr. Doobay Renal Centre in Georgetown, Guyana. The full article may be found here.

- Congratulations to Dr. Alfonso Iorio who has been named as the inaugural holder of the new Bayer Chair for Clinical Epidemiology Research and Bleeding Disorders at McMaster University which has a priority to develop new ways to improve the treatment of patients with bleeding disorders. More information on this new chair is available here.

- Congratulations to Dr. Akbar Panju who was recently elected to become a member of the CPSO Executive Committee.

- On behalf of RMA, the clinical practice plan year end is June 30th and the RMA billings pick up schedule may be found below.

  Schedule for billing pickups at year end from McMaster University Medical Centre, St. Joseph’s Hospital, Hamilton General Hospital, Juravinski Hospital and Juravinski Cancer Centre:
  Tuesday, June 5
  Tuesday, June 12
  Tuesday, June 19
  Tuesday, June 26
  Thursday, June 28 (Extra pickup)
  Tuesday, July 3

  For GFT’s and Clinical Scholars only:
  Please make sure all your billings with service dates up to and including June 30, 2018 are at the RMA office no later than Tuesday, July 3, 2018 at 12:00 noon. Any billing received after this time will be processed in the new fiscal year. Please make sure to submit your billing at least weekly to RMA to avoid the year-end rush. We want to help you maximize your revenue by having sufficient time to review and optimize all of your billing.

- Effective June 2, 2018, the new auto terminations enhancement for employees in the Employee Standards Act (ESA) employee group (including temporary, casual, and student) will be operational within Mosaic.

What’s changing on June 2, 2018?
1. All existing Temporary/Casual/Student Employees in the ESA group, with a contract end date of June 2, 2018 or earlier will be auto-terminated in the system.

2. All other Temporary/Casual/Student Employees in the ESA group, with a contract end date of June 3, 2018 or later, will be auto-terminated in the system as of their planned contract termination date.

3. Terminations will automatically be linked to the ROE Process.

What do I need to do differently?

1. If you have an existing Temporary/Casual/Student Employee with a contract end date of June 2, 2018, please contact Leslie Steinberg (lsteinbe@mcmaster.ca) or Tanja Petrovic (petrov@mcmaster.ca) to extend the contract, if required.

- It is with regret that I announce the recent passing of Dr. Hirsch Rastogi, an Associate Clinical Professor with the Department of Medicine in the Division of Gastroenterology until the end of 2006. Dr. Rastogi was a member of the SJH medical staff, an accomplished gastroenterologist and provided, over decades, excellent clinical care for thousands of people in this community.

- Please be aware of the upcoming QUEST Resident Research Resource opportunity in the Fall of 2018. The deadline for the fall competition will be Friday, September 21st, 2018. The guidelines, application form, and budget sheet are attached for review. Up to two eligible projects may receive a maximum of $10,000 depending on the number and quality of submissions. The QUEST resident research resource will only consider submissions addressing the following areas:
  
  1. Quality: Applying best care and developing effective tools for continuous quality improvement.
  2. Utilization: Optimizing the use of needed investigations/treatments. Reducing unnecessary or even harmful investigations/treatments. Maximizing productivity, human and physical resources.
  3. Evidence: Developing simple, cost-effective tool kits to optimize the delivery of evidence-based medicine.
  5. Translational: The use of KT research skills to disseminate lessons learned.

I encourage you to submit your application to this resident research initiative. If you have any questions regarding the appropriateness of your submission, please don't hesitate to contact Dr. JD Schwalm at schwalj@mcmaster.ca

- The MD Program is seeking an individual to fill the role of UGME Integration Foundation Director. Attached is a description of the responsibilities of the position, the qualities they are seeking and to whom application should be made. Applications will be accepted until June 22, 2018. Interviews will take place shortly thereafter.

- The Canadian Professional Grant Development Workshop will be held on June 20-21, 2018 at 8:30 a.m. to 4:30 p.m. in MDCL 1009. Please note that space is limited to the first 25 people and
priority will be given to junior faculty. The Associate Dean Research is hosting an upcoming Professional Grant Development Workshop. This seminar is perfect for those who want to learn or strengthen their grant writing skills. The class will be taught by IFSD who have an extensive record of providing these workshops. You will learn the fundamentals of grant writing such as:

- Searching and applying for Tri-Council (NSERC, SSHRC, CIHR), foundation and corporate donors
- Understanding proposal writing guidelines
- Knowing how to compose each section of the proposal
- Presenting a compelling Need/Significance Statement
- Writing proposals that reach the top of competitions

You will receive an electronic comprehensive workbook, directory of key resources, a certificate of completion, and refreshments. Once you finish this workshop, you will be fully prepared for the entire grant application process and have a head start toward success! To register for this workshop, please contact Rebecca Leone at rleone@mcmaster.ca

On behalf of Dr. Jonathan Bramson, The Faculty of Health Sciences is pleased to request applications for the second round of funding to replace aging equipment (ex. Hoods, centrifuges, freezers) and to upgrade lab facilities with new equipment. The goal of this funding is to support acquisition of equipment that would be difficult to fund through conventional grants and don’t meet the mandate for a CFI JELF. Requests to this funding opportunity are expected to be in the order of $10,000-$30,000; although requests outside the range will also be considered. Equipment funding requests will be adjudicated by the Faculty of Health Sciences Research Infrastructure committee semi-annually. Meritorious requests that are unfunded due to lack of available funds will be prioritized and carried forward. Requests must be prepared using the FHS Request for Infrastructure form attached to this e-mail and submitted to hsresadm@mcmaster.ca by June 15, 2018. Please direct any questions to Tracy Arabski (arabski@mcmaster.ca)

Please find attached the June 1 issue of the HRS Funding Opportunities Bulletin

You are invited to join us at Grand Rounds next week on June 7, 2018 at 8:00 am. Chair’s Medical Grand Rounds will be hosting Dr. Paul Keith in the Miller Amphitheatre who will be speaking on Allergy and Clinical Immunology Update. Medical Grand Rounds - HHS will be hosting Dr. Thomas Agoritsas in MDCL 1102 who will be speaking on Rapid Recommendations, point-of-care decision aids, and shared decision-making. Further information on these events, and many others taking place in the Department, can be found in the ETA Calendar.

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

Mark A. Crowther
Professor and Chair, Department of Medicine
Background

Quality of healthcare has been defined as “the degree to which health services for individuals and populations increase the likelihood of desired health outcomes and are consistent with current professional knowledge”. Simply stated, poor quality healthcare can involve too much care, too little care, the wrong care, or the right care delivered poorly. Despite a changing culture towards the implementation of evidence in practice, significant evidence-practice gaps persist. Studies suggest that 30-40% of patients with acute and chronic care conditions do not receive care according to current scientific evidence. Furthermore, preventative care studies show that 50% of patients do not receive recommended care. In contrast, the use of potentially useless or harmful interventions persists today as it has been demonstrated that about 20% of patients with a chronic condition and 30% of patients with an acute condition received “contraindicated” care.

The field of cardiology produces the most high quality evidence as compared to any other specialty, with a three-fold increase in research publications over 10 years (4,912 in 1995 versus 11,298 in 2005). However, despite this wealth of evidence, dismal evidence-practice gaps persist. Therefore, there is a need to develop effective tools to translate knowledge into clinical practice in order to minimize the underuse of proven therapies and the overuse of potentially ineffective or harmful therapies.

Knowledge translation (KT) is about closing the gap between what we know and what we do. It is making users aware of knowledge and facilitating their use of it to improve health and health care systems and moving knowledge into action. KT research is about studying the determinants of knowledge use and effective methods of promoting the uptake of knowledge.

Purpose

Hamilton Health Sciences and McMaster University’s commitment to quality research and patient care led to the creation of the QUEST Resident Research Resource. This fund provides a unique opportunity to support resident investigators under the mentorship of senior staff, coupled with support in KT/Health Services research.

The primary objective of QUEST is to support the development and evaluation of simple, cost-effective resident initiated cardiovascular KT interventions. The Quest Framework would utilize KT research and the knowledge to action cycle (Graham et al) to address key evidence-practice gaps in the following realms:

1. Quality: Applying best care and developing effective tools for continuous quality improvement.
2. Utilization: Optimizing the use of needed investigations/treatments. Reducing unnecessary or even harmful investigations/treatments. Maximizing productivity, human and physical resources.
3. Evidence: Developing simple, cost-effective toolkits to optimize the delivery of evidence-based medicine.
5. Translational: The use of KT research skills to disseminate lessons learned.
The secondary objectives include:
1. Implementation of successful projects into hospital policy to improve care of cardiac patients.
2. Stimulate resident interest and skills in KT research and continuous quality improvement programs as per Royal College requirements.
3. Advance the science of KT research through resident initiated projects supported by cardiology staff supervisors and expert KT research consultants.

**Eligibility Criteria**

1. The proposed research project must address either: **Quality**, **Utilization**, **Evidence**, **Safety**, and **Translational Science** as outlined in the section above. Please contact the QUEST executive committee via the following email if the appropriateness of your submission is in question (schwalj@mcmaster.ca).

2. The proposed research project must be entirely, or largely based at either Hamilton General Hospital, Juravinski Hospital and/or McMaster University Medical Centre.

3. Grants will be awarded based on the excellence exhibited by the proposed research and a maximum of $10,000 awarded per project. Where a research project exceeds the maximum available award amount, the application must include a detailed explanation and budget of what will be completed with the QUEST funds and explain a plan for obtaining additional funding to complete the full project.

4. Applicants must be residents in Internal medicine or Cardiology at McMaster University. The research project must be related to the field of cardiology and resident driven.

5. An experienced researcher, who is an active full-time HHS staff member in the division of cardiology, department of medicine, must mentor applicants and agree to be a co-investigator on the proposed project. The staff mentorship role will include a commitment to project oversight and guidance on good clinical practice principles.

6. Grants are for a duration of 1 year, with the expectation that the researcher will be able to complete the bulk of the study in this time. Support is available for research personnel, operating grants and fees pertaining to a peer reviewed pub med indexed, open sourced publication.

7. Only one submission per principal applicant for each competition will be considered.

8. Applicants will be allowed a maximum of 1 QUEST Resident Research Resource awards as principal applicant throughout his/her residency.

**e-Submission Requirements**

Only complete applications will be accepted. See QUEST application for submission requirements.

**Process of Research:**

- Ideally residents should start with identification of a perceived evidence-practice GAP relating to QUEST (Quality, Utilization, Evidence based medicine, Safety, Translational). They will identify a staff mentor in the area of research with support from the Cardiology KT-Outcomes group at McMaster University. They will then work through the knowledge-to-action cycle (Appendix A) with a final goal for implementation of their intervention into practice.
- Residents may, however, start at any point in the knowledge-to-action loop, if sufficient evidence already exists (i.e evidence-gap already identified or local barrier analysis previously well described).

**Proposal Submission:**
• Either a complete project proposal from gap analysis to implementation may be submitted or step-wise proposals for each stage of the knowledge-to-action cycle will be considered.
  o For example, an internal medicine resident interested in cardiology and KT research may submit a proposal for a novel barrier assessment project. Once the project is complete, another resident may for a second project evaluate an intervention targeting identified barriers from the previous project.
  o Alternatively, internal medicine and cardiology residents will be encouraged and prioritized for funding if they develop a complete research proposal involving most stages of the knowledge-to-action cycle (from gap analysis to implementation of the intervention).

**Review Process**

1. **Scientific Peer-Review Board**

A scientific peer-review committee will review applications. The committee will consist of a senior cardiologist researcher in the division of cardiology, typically a principal investigator at the rank of Professor, a qualified KT/Health Services Researcher (Internal or external depending on submissions and availability), a cardiologist in the division of Cardiology invited by the executive committee, and a Hamilton Health Sciences Clinical Administrator and or Delegate.

Once the rank order has been established, projects will be funded according to the amount of funds available in that year as determined by the QUEST executive committee members (Dr. O’Shea, Dr Natarajan, Dr Nieuwlaat, and Dr Schwalm).

2. **Review Criteria**

A scientific peer-review committee assesses each application based on the criteria set out below. Applications are awarded based on the recommendation of each reviewer and the overall rating (score weighted out of 10). Applicants must obtain Research Ethics Board (REB) approval and **Funds are not released until the HHS REB Board final approval letter is issued to the Principal Investigator.**

- **a) Achievements and Activities of the Candidate**
  • other research activity

- **b) Characteristics and Abilities of the Candidate (mentor’s assessments)**
  • Background preparation
  • Motivation/initiative
  • Skill at research

- **c) Research Project**
  • Independent project that can be completed with the QUEST award. Research contribution can be made in the absence of additional external funds
  • In line with QUEST objectives
  • Scientific merit and feasibility
  • Potential impact of research on practice and health services delivery

- **d) Achievements and Activities of the Mentor**
  • Demonstrated commitment to the project theme
  • Scientific Activity (publications & funding held)
  • Supervisory Record

- **e) Research Training Environment**
  • Training program for the candidate provided by the senior staff mentor
  • Research resources committed
**Deliverables**

1. Applicants have 6 months from the award letter date to claim funding awarded. Unclaimed funds will be returned to the granting source resulting in the applicant requiring to reapply to the next competitive call for applications.

2. Residuals from completed research studies and/or research accounts that have been inactive for a 1-year period will be returned to the granting source.

3. Successful applicants must produce at least one (1) first author peer reviewed indexed publication in an open-sourced peer-reviewed journal.

4. Awarded funds will be allocated to successful applicants but held in a sub-research account of The QUEST Resource within **Research Financial Services** at McMaster University. Only expenses outlined in the approved budget will be processed.

5. A final completion report (that summarizes research findings and lists all publications and/or conference presentations resulting from the research) is required within 6 months of completing the study.

6. The QUEST Resident Research Resource must be acknowledged on all publications.

7. The QUEST Resident Research Resource Committee ([hansons@hhsc.ca](mailto:hansons@hhsc.ca)) must be notified of any changes in budget, completion date or employment status of applicants.

**Funding Source and Use**

Funding for the QUEST Resident Research Resource pilot program has been provided by the following:

1. McMaster University, Division of Cardiology-$20K
2. McMaster University Cardiology Residency Program-$20K
3. Hamilton Health Sciences, Department of Medicine- $40K
Appendix A: Knowledge-To-Action Process (Graham et al)
HAMILTON HEALTH SCIENCES/McMASTER UNIVERSITY
QUEST Resident Research Resource - Application Form

Applicant Information
1. Are you an Internal Medicine Resident?  Yes ☐ No ☐
2. Are you a Cardiology Resident?  Yes ☐ No ☐
4. Postgraduate Year:

Principal Investigator Information CV Attached ☐
Name:
Mailing Address:  Area/Location:
Extension/Telephone Number: Email Address:

Mentor Information CV Attached ☐
Name:
Profession/Level of Training: Research Institute/Centre:
Medical Department or Professional Discipline: Location:
Research Specialty/Area: Specify:

Work Address:  Area/Location:
Extension/Telephone Number: Email Address:

MENTOR MUST REVIEW FINAL APPLICATION, PRIOR TO SUBMISSION. Date Reviewed:

Name of Co-Investigator(s) [name, professional designation, and % of contribution to project]

1. Role Description [maximum 100 characters]  % of research

2. Role Description [maximum 100 characters]  % of research

3. Role Description [maximum 100 characters]  % of research

4. Role Description [maximum 100 characters]  % of research

5. Role Description [maximum 100 characters]  % of research

Title of Research Project [maximum of 100 characters]

Key Words [3 words]:

Page 1 of 5
Has this project been submitted elsewhere for support?  □ Yes  □ No

If Yes  where:
when:
response:

Reviewed by the Research Ethics Boards (REBs)  □ Not Applicable
Appropriate letters of approval are required before funds can be released to projects receiving awards. DD/MM/YY

1. Approval received from Human REB  □ No  □ Yes  □ Pending, date:
2. Approval received from Animal REB  □ No  □ Yes  □ Pending, date:

HHS Program(s) or Services(s) proposed research project is linked/related to:
[Please select the most appropriate that is/are applicable]

Clinical Programs
□ Cardiac & Vascular
□ Internal Medicine

Clinical Services
□ Cardiac Rehabilitation
□ Diagnostic Services
□ Emergency Medicine
□ HRLMP (Laboratories)
□ Peri-Operative (surgery)

Budget Attached  □  [Pages 4 & 5 of 5] Complete the QUEST Budget Form and attach to this application.

Relevance to QUEST Objectives: [maximum 150 words]
Provide a brief summary, in layperson terms, of your project and the relevance to one or more of the QUEST research areas:
1. Quality: Applying best care and developing effective tools for continuous quality improvement.
2. Utilization: Optimizing the use of needed investigations/treatments, reducing unnecessary or even harmful investigations/treatments, or maximizing productivity, human and physical resources.
3. Evidence: Developing simple, cost-effective toolkits to optimize the delivery of evidence-based medicine.
5. Translational: The use of KT research skills to disseminate lessons learned.

Research Outline
1. Provide details of proposed research study. Research proposal is limited to 5 pages in length using Arial 12 font with 1-inch margins.
2. References are limited to 2 pages in length, using Arial 12 font with 1-inch margins.
3. Only 3 Appendices may be included, each limited to 2 pages in length using Arial 12 font with 1-inch margins.
4. Scientific and layperson summaries are each limited to 1 page in length using Arial 12 font with 1 inch margins.
5. Complete checklist on page 3 of this application.
Deliverables - Milestone Table
Identify key milestone targets that are set to be achieved at six months and one year for this project.

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<th>Timeline</th>
<th>Milestone Targets (brief overview description)</th>
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<td>6 months</td>
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<td>1 year</td>
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e-Submission Requirements and Checklist
Only complete applications will be accepted, incomplete submissions will be returned. Applications are to be submitted no later than 4pm on January 30, 2013.

Applicants are responsible for:
- Ensuring a complete submission is provided per the specifications and order that is listed below.
- Following up with authors who are providing letters of assessment and support letters and ensuring they are received by the respective deadline date.

A complete application must include documents 1 through 8, as per below formatted as ONE pdf file (requiring that all documents be individually converted to pdf and then merged into one pdf file) AND include original MS Excel format of Budget Form. Both files (all inclusive pdf and MS Excel Budget) are to be sent as TWO email attachments to Susie Hanson hansons@hhsc.ca Applicants are restricted to sending ONE pdf email (with the two attachments) with the subject line marked “QUEST – surname of applicant”.

Applicants are Responsible for sending the following documents 1 through 9 (in the order specified below) as ONE pdf file PLUS original MS Excel Budget file:

1. Application Form (pages 1-3)
2. Budget Form & Justification (2 pages) include original MS Excel file
3. Role Description of Principal Investigator (1 page)
4. Role of Scientific Mentor (1 page)
5. Scientific Summary (1 page)
6. Layperson Summary (1 page)
7. Research Outline:
   (5 pages, excluding references/appendices/collaboration letters)
8. Up-to-date CV of Applicant (CHIR Common CV format preferred)

Mentor CV, Mentor Letter of Assessment must be sent as a pdf file, via email to hansons@hhsc.ca with the subject line marked “QUEST – surname of applicant”. Letters are to be addressed to the attention: Dr. J-D Schwalm, QUEST Resident Research Committee, Assistant Professor-Department of Medicine, McMaster University.

9. CV of Scientific Mentor
10. Letter of Assessment from Scientific Mentor

(DD/MM/YY)
Date
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<th>Budget Details</th>
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**A. PERSONNEL**

- **HOURS**
- **SALARY**
- **TOTAL**

| Total Personnel | $0          |

**B. SUPPLIES**

(provide details and justification where relevant)

| Total Supplies | $0          |

**C. EQUIPMENT**

(provide justification for equipment purchases of $500)

| Total Equipment | $0          |

**D. PEER REVIEW PUBLICATION FEES**

| Total Peer Review Publication Fees | $0          |

**D. OTHER EXPENSES**

(eg, services, rental, etc.)

| Total Other Expenses | $0          |

**TOTAL AMOUNT REQUESTED**

| $0          |

*Please note:* Knowledge transfer costs (publication/conference & presentation) are not eligible at application, but may be requested separately upon completion of project.

Provide budget justification as a MicroSoft Word file and append to budget template

**Please outline statistical support required to complete study.**
PREAMBLE
The UGME Integration Foundation Director is responsible for overseeing the planning and delivery of the Integration Foundation within the distributed medical education network of McMaster’s UGME Program. The Director is a faculty member with a focus on improving integration of the Pre-Clerkship across the Medical Foundations and between the Pre-Clerkship and other aspects of the MD Program. The Director will demonstrate a commitment to advance the priorities and principles of the Undergraduate Medical Education (UGME) Program, including the use of student-engaged learning methods, evidence-informed curriculum practices, and an orientation towards quality improvement.

The Integration Foundation will be a new curriculum block in the renewed MD Program Curriculum. It will be the fifth block of the program, occurring for 12 weeks at the beginning of the second year of medical school from the end of August to the middle of November (the current timing of MF5). This is a brand new block of curriculum and the new Director will be responsible for the oversight of the design of the new block, the delivery of the block moving forward, and supporting pre-clerkship integration.

The Integration Foundation will focus on building case complexity, largely in the form of multi-system and chronic disease. It will review concepts introduced in Medical Foundations 1 to 4. There will also be some focus on content related to immunology, infectious disease and neoplasia with review and integration of concepts previously introduced in earlier longitudinal exposures to these topics in Medical Foundations, Professional Competencies and Clinical Skills. The curriculum in the Integration Foundation will help students deepen their understanding of foundational concepts by revisiting these in the context of increasingly complex patients. There will be an emphasis on preparing students for clinical practice through focused clinical skills and Professional Competencies learning objectives which will integrate biomedical knowledge with attitudes, behaviours and skills required of a health care professional. The Integration Director is not responsible for the Professional Competencies or Clinical Skills curricula, but will be required to collaborate closely with the leaders of these areas of the curriculum.

The ideal candidate will have a strong interest and experience in medical education, and more specifically in the planning and delivery of UGME curricula. The MD Program of the Michael G. DeGroote School of Medicine is a fully distributed medical education program that uses problem-based, self-directed, and early patient exposure learning approaches. Experience with these pedagogical approaches is highly desirable.

Responsibilities
• Ensure that the Integration Foundation aligns with and advances the missions of McMaster University, the Faculty of Health Sciences, and the UGME Program.
• Advance the core principles of the UGME Program: Distributed medical education (DME); problem-based, small group, and other student-engaged learning methods; self-directed learning, including self-and peer-assessment; early patient/clinical exposure; lifelong learning, including use of evidence-informed practice; and a commitment to innovation.
• Curriculum Development and Delivery:
  o Convene and chair regular meetings of the Integration Foundation Planning Committee;
  o Establish and monitor the goals, objectives, and content of the Integration Foundation including:
• Identify key foundational objectives from earlier units to be re-visited and explored more deeply in the Integration Foundation;
• Identify key objectives in the domains of immunology, infectious disease, neoplasia and genetics to be introduced in the Integration Foundation;
• Oversee the creation of new curriculum to achieve the goals and objectives of the Foundation;
• Oversee the amendment of existing curricular content to advance the goals and objectives of the Foundation;
• As part of curriculum renewal, work with the planners of MF 1, 2, 3 and 4 to amend the content of those units to improve integration, gradually increase complexity and segue into the Integration Foundation;
• Collaborate with the Professional Competencies planners to provide students with a cohesive program of study in the Integration Foundation which integrates with Professional Competencies content;
• Collaborate with the Clinical Skills planners to provide students with clinical skills training in the Integration Foundation that is directly relevant to and useful for clinical practice;
• Ensure that the student experience in the Integration Foundation assists students to develop the attitudes and behaviours expected of a health care professional;
• Ensure continuity between the Integration Foundation and all other relevant elements of the MD Program.
  o Work with groups involved in curriculum renewal, the Pre-Clerkship Committee, subunit planners and other members of the Integration Foundation Planning Committee, Professional Competencies Co-Chairs, Longitudinal Planners, Clinical Skills Planners, Program for Education in Anatomy, and others who contribute to the Integration Foundation Program;
  o Collaborate with medportal, the Computer Services Unit, and others to ensure optimal and equitably distributed use of technology in the delivery of the Foundation; and,
  o Liaise with MD program administrative staff and the Division of e-Learning staff to ensure optimal curriculum delivery methods and formats.
• Under the direction of the Chair of Pre-Clerkship and working with the Chair of Student Assessment and the Chair of Program Evaluation, develop and evaluate tools to assess student competence and performance with respect to the goals and objectives of the Integration Foundation
• Serve as a member of the MD Program Pre-Clerkship Committee which meets monthly during the academic year
• Participate in the appointment of subunit and other planners for the Integration Foundation in consultation with the Pre-Clerkship Chair
• Review and evaluate expressions of interest from faculty who wish to act as planners, tutors and preceptors
• Provide orientation and ongoing support to Integration Foundation tutors ensuring that all faculty participating are familiar with the learning objectives and methods of student assessment
• Provide a student orientation to the Foundation
• Review student applications for Leaves of Absence that occur during the Foundation and make decisions on these
• Ensure the completion of student assessments by tutors and preceptors within the time frame required by accreditation standards
• Review and sign off on all student and faculty evaluations within 6 weeks of completion of the Foundation, and address performance issues as necessary
• Participate in quality improvement activities within the MD Program, including, review of feedback about the Foundation provided by students, tutors and others; and the incorporation of the use of best practices and available evidence when planning curriculum and assessment across the distributed education network
• Ensure that the Integration Foundation curriculum meets the accreditation standards of the Committee on Accreditation of Canadian Medical Schools.
• Be readily available to problem-solve as needed during the Foundation.

Requirements
• Demonstrated interest in undergraduate medical education
• Demonstrated familiarity with the COMPASS curriculum and problem-based learning
• Experience as a curriculum planner in the Pre-Clerkship is desirable
• Tutoring experience is highly desirable; if the applicant has not tutored in the COMPASS curriculum, s/he must either be a graduate of the McMaster MD Program or must take the tutor-training workshop provided by the MD Program as soon as is reasonable.
• Advanced training (e.g. diploma or masters programming) in education principles is highly desirable

Appointment: The Integration Foundation Director is appointed by the Assistant Dean, UGME in consultation with the Pre-Clerkship Chair on the authority of the UGME Program Executive Committee. The Integration Foundation Director reports to the Chair, Pre-clerkship, UGME.

Eligibility: The Integration Foundation Director must have a current faculty appointment with McMaster University; or must be in the process of securing a faculty appointment; or must be assured a faculty appointment before beginning their first term. The applicant must be in good standing with their academic and/or clinical associations (e.g. universities; hospitals or other clinical settings; and health regulators), both past and present.

Time commitment and Stipend: The expected time commitment for this role is approximately 1 day per week (or two half-days per week) throughout the year. The associated stipend is $21,000 per year, which is commensurate with other MD Program leadership roles of this commitment. The Director, Integration Foundation is credited with 400 indirect academic contribution hours per year.

Term: Three years, renewable once, subject to review by the Pre-Clerkship Chair on the authority of the UGME Program Executive Committee at the end of the first three-year period.

Applications:
Interested persons should email their expression of interest and curriculum vitae to the attention of Dr. Karen McAssey, Pre-Clerkship Chair, Undergraduate Medical Education, by June 22, 2018. The email should be sent to the email address of the Curriculum Coordinator, Jane Bennett: bennj@mcmaster.ca.

If you have any questions about the role please do not hesitate to contact Dr. McAssey at mcassek@mcmaster.ca or Jane Bennett, Curriculum Coordinator, at bennj@mcmaster.ca; 905-525-9140 ext. 22981.

In keeping with McMaster’s commitment to employment equity within its community, the Undergraduate Medical Education Program (UGME) encourages all existing faculty members appointed to the Faculty of Health Sciences or those eligible for appointment, including women, persons with disabilities, Indigenous persons, members of racialized communities and LGBTQ-identified persons to apply for this leadership role. Applicants requiring any form of accommodation throughout the selection procedure are asked to contact Jane Bennett at bennj@mcmaster.ca.

Applicants for this position should hold an academic appointment within the Faculty of Health Sciences or be eligible for a part-time academic appointment as outlined here: http://www.mcmaster.ca/policy/faculty/Appointments/SPS
The Faculty of Health Sciences has created a fund for replacing old equipment and acquiring new equipment in our research labs. Requests should be in the order of $10,000 - $30,000; although requests outside that range will also be considered. A signature from a Departmental Chair or Research Centre/Institute Director is required for the request. By signing the request form, the Chair/Director confirms the request as a high priority. Requests will be adjudicated by the Faculty of Health Sciences Research Infrastructure committee who may request additional information or a site visit. Submissions can be made at any time and will be reviewed quarterly. Granting of requests will be limited by available funds. Requests that are deemed a priority will remain in the queue until funded.

**PERSONAL INFORMATION**

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<tr>
<th>Investigator Name:</th>
<th>McMaster Employee #:</th>
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<tbody>
<tr>
<td>Department:</td>
<td>Campus Address:</td>
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**REQUEST**

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<th>Requested Amount:</th>
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<td>Equipment Requested:</td>
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<td>Equipment is to be Located:</td>
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Is there infrastructure (i.e. appropriate power supply, floor space, bench space etc.) available to support this equipment?

- Yes ☐
- No ☐ *(if no, please include in rationale how this equipment will be accommodated)*

Rationale:

The signatures of the Investigator and Department Chair/Institute Director certify the following:

a) The Department Chair/Institute Director is fully aware of this request and is supportive of the request for replacement equipment.

b) The Investigator has sufficient space, time and/or resources to do the research. If additional space, time and/or resources are required the Investigator has sought approval from their Department Chair/Institute Director.

c) The Department Chair/Institute Director is committed to provide any additional resources that have been requested by the Investigator in order to conduct the proposed research.

d) The Department/Institute accepts resource and financial commitments entailed by the activity including over-expenditures as per McMaster policies.

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<tr>
<th>Investigator:</th>
<th>Department Chair/Institute Director:</th>
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News & Events

CIHR Launches new Equity and Diversity Questionnaire for Applicants

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

Read More

NSERC Discovery Grants Information Session

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

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

To register: https://nsercinfosessionjun5.eventbrite.ca

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

Time: 1:00pm-3:00pm

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

Health Research Grant Competitions

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

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<td>Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018</td>
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There are at least 7,000 distinct rare diseases, the great majority being of genetic origin. Although individually rare, taken together rare diseases affect at least 26-30 million people in Europe alone. Moreover, they represent a major issue in health care: a large number of these diseases have an early or very early onset and/or lead to a significant decrease of life expectancy. Moreover, most of them cause chronic illnesses with a large impact on quality of life and the health care system. Therefore, research on rare diseases is needed to provide knowledge for prevention, diagnosis and better care of patients. Yet, research is hampered by lack of resources at several levels:

1. Few scientists work on any given specific disease,
2. There are few patients per disease and they are scattered over large geographic areas, causing difficulties to assemble the necessary cohorts,
3. Existing databases and bio-material collections are usually local, small, and not accessible or standardised,
4. The complex clinical phenotypes of these diseases require interdisciplinary cooperation to improve research and treatment.

The specifics of rare diseases - limited number of patients, scarcity of relevant knowledge and expertise, and fragmentation of research - single them out as a distinctive domain of very high European added-value. Rare diseases are therefore a prime example of a research area that necessitates collaboration/coordination on a transnational scale. In this context, the ERA-NET “E-Rare” for research programs on rare diseases has been extended to a third phase “E-Rare-3” (2014-2019) to further help in coordinating the research efforts of European, Associated and non-European countries in the field of rare diseases and implement the objectives of the International Rare Disease Research Consortium (IRDiRC). CIHR is pleased to be partnering with the Fonds de recherche du Québec – Santé (FRQS) once again in the context of this ERA-Net.

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

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

CIHR – Operating Grant: AMR: Point of Care Diagnostics in Human Health – Phase 2
The Antimicrobial Resistance: Point of Care Diagnostics in Human Health Phase 2 funding opportunity is expected to:

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

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

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

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

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

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

1. Enhance our understanding of the
   o Health impacts of inactivity by:
     o Identifying impact through biological measures
Identifying relevant biological measures to support care transitions
Identifying biological changes that may inform our mechanistic understanding of pre-frailty and progression to frailty

And

Impact and effectiveness of a specific countermeasure protocol by:
Identifying biological changes induced by its use
Evaluating the effectiveness of the countermeasure
Generating new knowledge to further inform the development of interventions and rehabilitation solutions to counteract the adverse effects of inactivity

For older people and individuals who experience inactivity or reduced activity over an extended period, and for astronauts during space missions.

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

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

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

**CIHR – Team Grant: Pathways Implementation Research Teams Component 3**
The specific objectives of the Team Grant: Pathways Implementation Research Team Component 3 funding opportunity are to:

- Increase the equitable reach, access and sustainability of culturally appropriate population health interventions using an implementation science approach
- Develop and share recommendations, guidelines and policies for sustainability and enhanced equitable reach and access of interventions that incorporate reciprocal learning between participating Indigenous communities and research teams
- Build capacity for implementation research in Indigenous communities by training and mentoring junior researchers through partnerships with communities, including students and trainees with Indigenous living experience, and community members

**Funding Details:** The total amount available for this funding opportunity is $3,000,000, enough to fund approximately 2 grants. This amount may increase if additional funding partners participate. The maximum amount per grant is $300,000 per year for up to 5 years, for a total of $1,500,000 per grant. Applicants must secure partner contribution from non-federal sources to match the CIHR contribution at a minimum of 25% of the total grant amount requested as cash and/or in-kind.

**Additional Details**
**Internal HRS Deadline:** August 23, 2018
**Sponsor Deadline:** September 6, 2018

**CIHR – Clinical Trials Network in HIV/AIDS (2018)**
The Clinical Trials Network in HIV/AIDS is expected to:

- Develop and implement a strategic, outcome-oriented clinical trials research agenda to ensure alignment with current and emerging priorities in HIV, hepatitis C and/or other STBBIs and related health conditions;
- Sustain a high quality national infrastructure (including methodological expertise, data management and analysis, research support staff and regulatory expertise) to enable Canadian researchers to collaboratively and efficiently conduct innovative and excellent clinical trials and related research across Canada and internationally;
- Accelerate the translation and uptake of new knowledge into clinical applications and guidelines for patient care to support the adoption of best practices by clinicians, caregivers and patients;
- Engage stakeholders and partners (including people living with HIV, hepatitis C and/or other STBBIs; community organizations; Indigenous peoples; clinicians; policy makers; and relevant national networks) in CTN activities and governance committees to ensure their active and meaningful involvement;
- Strengthen Canadian research capacity to conduct and apply clinical research through training and mentoring initiatives; and
- Strengthen the networking and partnership strategies and secure additional funding to maximize the impact and outcomes of the Network and work toward sustainability.
Eligibility:
- Since this funding opportunity is a directed grant, only the CIHR Canadian HIV Trials Network (CTN) is eligible to apply.
- The Nominated Principal Applicant must be an independent researcher. The Nominated Principal Applicant will serve as the National Director of the CTN.
- The Nominated Principal Applicant must be appointed at an eligible institution (See Institutional Eligibility Requirements for eligibility process and associated timelines) at the time of application.
- At least two other Principal Applicants, to be National Co-Directors, must be independent researchers. The members of the leadership team (i.e., National Director and Co-Directors) must be located in at least three different CIHR-eligible institutions, in two or more provinces/territories.
- At the time of application, one new Core co-lead for each Core must be clearly identified in the Participant table.

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

Additional Details
Internal HRS Deadline: August 28, 2018
Sponsor Deadline: September 11, 2018

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

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

Additional Details
Contact Correen Smith in Graduate Studies to Apply
Sponsor Deadline: September 19, 2018

CIHR - Operating Grant: Epigenetics Clinical Translation
The specific objectives of this funding opportunity are to:
- Evaluate applications of epigenetics in the clinical setting, including through clinical trials, demonstrating proof-of-concept utility of epigenetic changes as biomarkers, diagnostics and targets for potential therapeutics;
- Support and build upon existing Canadian research expertise in epigenetics for clinical translation outcomes;
- Build capacity for epigenetics clinical research through training and mentoring.

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

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

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

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

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

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

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

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

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

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

Funding Details: Catalyst grants are valued at up to $40,000 over one year.
Bill & Melinda Gates Foundation Grand Challenges - Ending the Pandemic Threat: A Grand Challenge for Universal Influenza Vaccine Development

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

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

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

The Steacie Prize in the Natural Sciences, 2018

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

Funding Details: $10,000 award

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

AGE-WELL National Impact Challenge

The AGE-WELL National Impact Challenge is looking for new and unique technology-based solutions that can benefit Canadians as they age. Contestants will compete for prizes totaling over $100,000 in cash and in-kind services by showcasing how their solution could positively impact older Canadians or their caregivers. To take part in the AGE-WELL National Impact Challenge, contestants are asked to submit their idea in video format (not more than five minutes). Videos meeting competition criteria will be posted on AGE-WELL’s website for public voting. The contestant in each of five geographic zones who receives the most votes will be invited to pitch their idea at a finale in Vancouver at the AGE-WELL Annual Conference, taking place Oct. 16-18, 2018.

Funding Details: Up to $100,000 over 12 months.

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

Mitacs Elevate Spring 2018 Call for Proposals

Mitacs Elevate is a postdoctoral fellowship with a customized research management training component. Fellows address complex challenges through:

- An exclusive research management curriculum for postdoctoral fellows in any discipline
- A minimum one-year research project (normally two years in duration) with a partner organization in need of high-level expertise
- A Partner Organization Business Case, developed to outline project objectives, risks, and stakeholder success criteria, and ensure project value
Elevate fellows progress through the program in a cohort, giving them cross-disciplinary networking and peer-learning opportunities they might not have otherwise in their careers.

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

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

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

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

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

**Canadian Blood Services: Blood Efficiency Accelerator Award Program**
The objective of the Canadian Blood Services’ Blood Efficiency Accelerator Award Program is to improve the efficient and appropriate utilization of blood products, while maintaining the safety of the blood system. To achieve this objective, the Program will support innovative research projects that seek new knowledge or accelerate the application of existing knowledge. In the context of this competition, blood product is defined as a therapeutic product derived from the donation of blood or blood components and includes red blood cell and platelet concentrates, plasma and plasma derivatives (including plasma protein products), and hematopoietic stem cells (including those derived from cord blood).

**Funding Details:** Canadian Blood Services has allocated $60,000 per year for the Blood Efficiency Accelerator Award Program and anticipate funding two (2) projects annually at a maximum value of $30,000 per project.

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

**Simons Foundation Autism Research Initiative (SFARI): Genomic Analysis for Autism Risk Variants in SPARK (Simons Foundation Powering Autism Research for Knowledge)**
SPARK (Simons Foundation Powering Autism Research for Knowledge) is an autism research initiative that aims to recruit, engage and retain a community of 50,000 individuals with autism and their family members living in the U.S. Participation in this cohort will involve contribution of medical and behavioral information, mailing in of saliva for genetic analysis, the option to have genetic findings related to autism returned, and consent to be invited to participate in future research studies. The project is operated by the Simons Foundation Autism Research Initiative (SFARI) in collaboration with approximately 25 university-affiliated research clinics, whose roles are to help enroll individuals with autism and their families in the study. Numerous national and local autism community organizations across the U.S. are also helping to find research participants and spread the word about this landmark initiative.

**Funding Details:** SFARI is expected to fund several awards in the range of $100,000 (direct costs) for 18 months. Higher budgets will be considered, but such budgets are expected to be strongly justified.

**Additional Details**
**LOI Deadline:** June 22, 2018
Internal HRS Deadline: July 13, 2018  
Sponsor Deadline: July 27, 2018

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

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

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

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

**Additional Details**

**NOI Due to ROADS:** June 13, 2018  
**Draft Application Due to ROADS:** July 3, 2018  
**Final Application Due to ROADS:** July 24, 2018  
**Sponsor Deadline:** August 1, 2018

* To Apply, Contact Christina Pellegrini, Senior Advisor, Development, ROADS at pellegrc@mcmaster.ca or extension 21581**

**Vasculitis Foundation: Research Program**

The Vasculitis Foundation, a leading international supporter of research on vasculitis, is pleased to announce requests for grant applications for our 2019 research funding cycle. With a goal to improve the quality of life for patients with vasculitis, and ultimately find the cause/s and cure for vasculitis, the VF Research Program provides one- or two-year seed grants to support pilot studies in researching:

- Etiology/Pathogenesis (could include a broad range of studies of immunity, inflammation, or vascular biology. Relevance to human vasculitis will be taken into account by the reviewers.)
- Epidemiology, including genetics
- Diagnosis, including identification of disease subtypes
- Treatment/Management, including therapeutics to treat vasculitis or prevent complications, bio markers, and psychosocial outcomes

**Funding Details:** Maximum awards will be for $50,000 for 12 months. Some awards will be available for two years at a maximum of $50,000 per year.

**Additional Details**

**LOI Deadline:** June 15, 2018  
**Internal HRS Deadline:** July 20, 2018  
**Sponsor Deadline:** August 3, 2018

**Escher Fund for Autism: Grants**

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

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

2) **Intensive investigation of multi-hit families affected by autism and related neurodevelopmental disorders** - the objective: to support intensive investigation into exposure histories and characteristics of “multi-hit families” with three or more children (including half-siblings) affected by autism and related disorders. The related disorders include but are not limited to attention deficit hyperactivity disorder, Asperger’s, learning disabilities and intellectual disability, social-communication impairments, speech and
language impairments, oppositional defiant disorder, intermittent explosive disorder, mood disorders, anxiety, depression, schizophrenia spectrum and psychotic disorders.

Funding Details: $25,000 grant available.

Additional Details
LOI Deadline: June 30, 2018
Internal HRS Deadline: TBD
Sponsor Deadline: TBD

Elton John Aids Foundation: Open Call for Proposals
The objective of the Open Call for Proposals is to support
1) any organization working to address HIV and AIDS, and
2) organizations working toward one or more of the following goals:
   • Wellness: Improving the health of people living with HIV or at risk, or otherwise affected by HIV
   • Rights: Upholding the rights of people living with and affected by HIV
   • Quality of Life: addressing the social and economic needs of people living with and affected by HIV
   • Resilience: strengthening the skills and strategies of organizations and activists addressing HIV
The EJAF values programs that:
   o are led by and based in the communities being served;
   o are advocating for improved government health policies and funding;
   o are piloting or scaling up innovative programs to promote health and rights;
   o can show a history of activism, creativity and urgency in working to address and curtail the HIV epidemic; e) are grounded in evidence regarding where and among whom HIV infections are happening, and the best interventions to help people avoid infection or, if HIV-positive, to live healthy lives.

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

Additional Details
LOI Deadline: June 30, 2018
Internal HRS Deadline: TBD
Sponsor Deadline: TBD

QUEST Resident Research Resource Opportunity
Hamilton Health Sciences and McMaster University’s commitment to quality research and patient care led to the creation of the QUEST Resident Research Resource. This fund provides a unique opportunity to support resident investigators under the mentorship of senior staff, coupled with support in KT/Health Services research.
The primary objective of QUEST is to support the development and evaluation of simple, cost-effective resident initiated cardiovascular KT interventions. The Quest Framework would utilize KT research and the knowledge to action cycle (Graham et al) to address key evidence-practice gaps in the following realms:
1. Quality: Applying best care and developing effective tools for continuous quality improvement.
2. Utilization: Optimizing the use of needed investigations/treatments. Reducing unnecessary or even harmful investigations/treatments. Maximizing productivity, human and physical resources.
3. Evidence: Developing simple, cost-effective toolkits to optimize the delivery of evidence-based medicine.
5. Translational: The use of KT research skills to disseminate lessons learned.

Funding Details: Up to 2 projects may receive a maximum of $10,000 depending on the number and quality of submissions.

Internal HRS Deadline: September 7, 2018
Sponsor Deadline: September 21, 2018
*For additional information and to apply, contact Susie Hanson at shanson@mcmaster.ca*
Alex’s Lemonade Stand Foundation Psychosocial Launch Grant
Alex’s Lemonade Stand Foundation (ALSF) is committed to addressing the psychosocial and behavioral health outcomes for children diagnosed with cancer and their families. Their Psychosocial Launch Grant fills a direct need for research funding by supporting studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. This grant is designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer and whose proposals will have clinically significant impact.

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

Additional Details
LOI Deadline: June 11, 2018
Internal HRS Deadline: September 17, 2018
Sponsor Deadline: October 1, 2018

Alex’s Lemonade Stand Foundation Psychosocial Family Impact Grant
Alex’s Lemonade Stand Foundation (ALSF) is committed to addressing the psychosocial and behavioral health outcomes for children diagnosed with cancer and their families. Our Psychosocial Family Impact Grant fills a direct need for research funding by supporting studies that aim to explain and/or improve psychosocial outcomes of those affected by childhood cancer. This grant is designed to fund researchers who have novel approaches to understanding the psychosocial aspects of pediatric cancer and whose proposals will have clinically significant impact.

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

Additional Details
LOI Deadline: June 11, 2018
Internal HRS Deadline: September 17, 2018
Sponsor Deadline: October 1, 2018

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

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

Additional Details
LOI Deadline: July 2, 2018
Internal HRS Deadline: September 17, 2018
Sponsor Deadline: October 1, 2018

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

Funding Details: Maximum $200,000 for up to 2 years.

Additional Details
LOI Deadline: June 26, 2018
Internal HRS Deadline: October 2, 2018
Sponsor Deadline: October 16, 2018 (by Invite Only)
Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grants Program

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

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

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

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

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

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

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

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

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

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

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

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

Leukemia & Lymphoma Society: Specialized Centre of Research Program

LLS’s Specialized Center of Research (SCOR) grant program is intended to bring together established investigators from one or several institutions to develop a focused research program, foster new interactions and cooperation, and enhance interdisciplinary research among the participants. The overall goal of this mechanism is to enhance the development of innovative strategies for the treatment, diagnosis or prevention of hematological malignancies. Strategies that move discoveries from the bench to the clinic are of high importance as are integrated translational projects.
Funding Details: The maximal annual total cost is $1,000,000 for each year of the five year grant. The maximum annual direct cost is $833,333.33 while the maximum annual indirect cost is $166,666.66.

Additional Details

LOI Deadline: August 31, 2018
Internal HRS Deadline: February 1, 2019
Sponsor Deadline: February 15, 2019

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

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

Additional Details

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

Weston Brain Institute International Fellowships: Canada
Neurodegenerative diseases of aging are among the least understood and most undertreated diseases today. If ignored, the social and economic costs of managing these diseases will continue to rise. Meeting these challenges requires pioneering approaches to accelerating treatments. The Weston Brain Institute is pleased to launch our International Fellowships: Canada program. The program will support top Canadian PhD students to travel to and work in world-renowned international labs for up to 12 months, to further their translational research on neurodegenerative diseases of aging.

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

Additional Details

Sponsor Deadline: Applications are being accepted on a rolling basis

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

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

Additional Details

Sponsor Deadline: Applications are being accepted on a rolling basis

McMaster University, McMaster Institute for Research on Aging (MIRA), Labarge Centre for Mobility in Aging (LCMA): Matching Funds for Research Opportunities
The McMaster Institute for Research on Aging (MIRA) aims to optimize the health and longevity of the aging population through leading-edge research, education and stakeholder collaborations. The institute intends to amplify McMaster’s strength in aging-focused research through 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
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

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.

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

Funding Details: OCE will support up to 50% of the eligible research costs, to a maximum OCE investment of $20,000.

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

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

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

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**TalentEdge Internship Program (TIP)**

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

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

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**TalentEdge Fellowship Program**

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

**Funding Details:** Each 12-month fellowship is valued at $85,000 as follows

- $35,000 contribution from OCE
- $25,000 company cash contribution
- $25,000 company in-kind contribution

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**MITACS Accelerate Program**

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

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

**Additional Details**

**Sponsor Deadline:** Ongoing

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

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**MITACS Globalink Partnership Award**

The Mitacs Globalink Partnership Award supports research collaborations between graduate students at Canadian universities and international industry partners. The award is open to graduate students in all disciplines at Mitacs, Full, Associate and Honorary Partner universities and for-profit companies in any country (except the United States).
Funding Details: A $15,000 CAD research grant in the Canadian professor’s name to support student travel and accommodation expenses, research-related expenses, and student stipend.

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

Department of Defense Tuberous Sclerosis Complex Research Program (TSCRP) Funding Opportunities for Fiscal Year 2018
The goal of the FY18 TSCR is to fund exploratory, pioneering and transformative science that promotes discoveries in TSC, from mechanistic insights to clinical application, by supporting new ideas and investigators for the benefit of Service members, their beneficiaries, and the American public. Within this context, the FY18 TSCR encourages applications that address the critical needs of the TSC community in one or more of the following FY18 Focus Areas:

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

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

Additional Details
LOI Deadline: **July 11, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **July 19, 2018**
Sponsor Deadline: **August 2, 2018**

Department of Defense Neurofibromatosis Research Program (NFRP) Funding Opportunities for Fiscal Year 2018
The NFRP encourages applications that specifically address the critical needs of the NF community in one or more of the FY18 Areas of Emphasis. Not all Areas of Emphasis are applicable to each award mechanism offered by the FY18 NFRP. If the proposed research project does not address one of the FY18 Areas of Emphasis, justification that the proposed research project addresses an important problem related to NF research and/or patient care should be provided.

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

Funding Details:
• **Clinical Trial Award** - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $800,000 in direct costs ($1,000,000 in direct costs if requesting a Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

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

• **Investigator-Initiated Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $525,000 in direct costs ($575,000 in direct costs if requesting an Optional Qualified Collaborator). Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

• **New Investigator Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $450,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

• **Early Investigator Research Award** - The maximum period of performance is 2 years. The maximum allowable funding for the entire period of performance is $200,000 in direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement.

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

**Department of Defense Ovarian Cancer Research Program (OCRP) Funding Opportunities for Fiscal Year 2018**
Ovarian cancer is the leading cause of death among gynecological cancers each year. In 2017, approximately 22,440 women will be diagnosed with ovarian cancer in the United States, and an estimated 14,080 will die from the disease. Ovarian cancer ranks fifth in cancer deaths among women. 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. Appropriations for the OCRP from FY97 through FY16 totaled $276.45 million (M). The FY17 appropriation is $20M.

Funding Details:
• **Clinical Development Award** – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years. Funding is increased to $800,000 for direct costs with a qualified nested Early Career Investigator.

• **Omics Consortium Development Award** – Maximum funding of $400,000 for direct and indirect costs for a maximum of 2 years.

• **Ovarian Cancer Academy Award** – Early-Career Investigator – Maximum funding of $725,000 for direct and indirect costs for a maximum of 4 years.

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

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

Funding Details:
• **Discovery Award** – Maximum funding of $200,000 for direct costs (plus indirect costs) for a maximum of 18 months
LOI Deadline: **June 14, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **June 21, 2018**
Sponsor Deadline: **June 28, 2018**

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

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

Funding Details:
- **Focused Program Award** – Maximum funding of $10 million for total costs (includes direct and indirect costs) for a maximum of 4 years.

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

Department of Defense Lung Cancer Research Program (LCRP) Funding Opportunities for Fiscal Year 2018
The Department of Defense has released 5 new funding opportunities for their Ovarian Cancer Research Program. Please see [Additional Details](#) link for further information. Please note respective deadlines for each award.

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

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

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

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

Funding Details:
- **Career Development Award** - Maximum funding of $250,000 in direct costs (plus indirect costs). Period of performance not to exceed 2 years

LOI Deadline: **September 6, 2018** (A Pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: **September 12, 2018**
Sponsor Deadline: **September 26, 2018**
Department of Defense Peer Reviewed Cancer Research Program (PRCRP) Funding Opportunities for Fiscal Year 2018

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

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

**LOI Deadline:** June 20, 2018 (A Pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 12, 2018
**Sponsor Deadline:** September 26, 2018

Department of Defense Tick-Borne Disease Research Program (TBDRP) Funding Opportunities for Fiscal Year 2018

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

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

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

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

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

- **Clinical Trial Award** - The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $1,000,000 in direct costs (plus indirect costs).
  - **Early-Career Investigator Partnering PI Option**: The maximum period of performance is 4 years. The maximum allowable funding for the entire period of performance is $1,155,000 for direct costs (plus indirect costs).

- **Idea Development Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $500,000 in direct costs (plus indirect costs). For multiple PIs, the combined funding for all PIs for the entire period of performance may not exceed $500,000 in direct costs (plus indirect costs).

- **Clinical Translational Research Award** - The maximum period of performance is 3 years. The maximum allowable funding for the entire period of performance is $500,000 in direct costs (plus indirect costs).

Additional Details

**LOI Deadline:** July 5, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** September 20, 2018

**Sponsor Deadline:** October 4, 2018

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

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

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

Funding Details:

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

- **Therapeutic Idea Award** – Maximum funding of $500,000 for direct costs for a maximum period of performance of 2 years.

Additional Details

**LOI Deadline:** June 22, 2018 (A pre-application is required and must be submitted through eBRAP)

**Internal HRS Deadline:** September 27, 2018

**Sponsor Deadline:** October 11, 2018

Department of Defense Spinal Cord Injury Research Program (SCIRP) Funding Opportunities for Fiscal Year 2018

Spinal cord injuries (SCI) are serious and complex neurotraumatic wounds affecting military service members serving in Iraq and Afghanistan. The SCIRP was established by Congress in FY09 with a $35 million appropriation to support research into regenerating/repairing damaged spinal cords and improving rehabilitation therapies. From FY10-15, Congress appropriated an additional $122.85 million to continue this research. The SCIRP focuses its funding on innovative projects that have the potential to make a significant impact on improving the function, wellness, and overall quality of life for military service members as well as their caregivers, families, and the American public.

Funding Details:

- **Clinical Trial Award** - The maximum allowable funding for the entire period of performance is $3,000,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 4 years.

- **Investigator-Initiated Research Award** - The maximum allowable funding for the entire period of performance is $500,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.
• **Qualitative Research Award** - The maximum allowable funding for the entire period of performance is $500,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.

• **Translational Research Award** - The maximum allowable funding for the entire period of performance is $1,250,000 for direct costs. Indirect costs may be proposed in accordance with the institution’s negotiated rate agreement. The maximum period of performance is 3 years.

**Additional Details**

**LOI Deadline:** July 9, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** October 1, 2018
**Sponsor Deadline:** October 15, 2018

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**Department of Defense Prostate Cancer Research Program (PCRP) Funding Opportunities for Fiscal Year 2018**

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

**Funding Details:**

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

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

**LOI Deadline:** August 16, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** August 23, 2018
**Sponsor Deadline:** September 6, 2018

**Funding Details:**

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

**LOI Deadline:** July 6, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** September 13, 2018
**Sponsor Deadline:** September 27, 2018

**Funding Details:**

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

**LOI Deadline:** July 19, 2018 (A pre-application is required and must be submitted through eBRAP)
**Internal HRS Deadline:** October 4, 2018
**Sponsor Deadline:** October 18, 2018

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

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

**Funding Details:**

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

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

**Department of Defense Bone Marrow Failure Research Program (BMFRP) Funding Opportunities for Fiscal Year 2018**
The objective of the FY18 BMFRP is to fund scientifically meritorious research focused on BMF diseases. Investigator-initiated research is encouraged in the areas of congenital or acquired BMF. Studies focused on BMF diseases and their progressions to other malignancies, such as leukemia, are acceptable. However, research primarily focused on myeloproliferative neoplasms, leukemia, or other malignancies is discouraged. Stem cell biology studies and translational projects including bone marrow transplantation studies should be clearly related to BMF diseases.

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

**Additional Details**
LOI Deadline: July 16, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 18, 2018
Sponsor Deadline: November 1, 2018

**Department of Defense Gulf War Illness Research Program (GWIRP) Funding Opportunities for Fiscal Year 2018**
The GWIRP focuses on funding innovative, competitively peer-reviewed research to (1) provide a better understanding of the pathobiology underlying GWI, (2) identify objective markers (biomarkers) for improved diagnosis, and (3) to develop treatments for the complex of GWI symptoms and their underlying causes. Our Vision is to make a significant impact on GWI and improve the health and lives of affected Veterans and their families.

**Funding Details:**
- **Clinical Trial Award** - Maximum funding of $1,000,000 for direct costs (plus indirect costs). Maximum funding of $1,016,000 for direct costs with the Biorepository Contribution Option (plus indirect costs). Maximum period of performance is 4 years.
- **Investigator-Initiated Focused Research Award** - Maximum direct costs and period of performance vary based on Tier
  - **Discovery Tier:** Maximum funding of $230,000 or $246,000 with the Biorepository Contribution Option for direct costs (plus indirect costs) for a maximum of 2 years.
  - **Applied Research Tier:** Maximum funding of $700,000 or $716,000 with the Biorepository Contribution Option for direct costs (plus indirect costs) for a maximum of 3 years.
- **Qualitative Research Award** - Maximum funding of $400,000 for direct costs (plus indirect costs). The maximum period of performance is 3 years.

**Additional Details**
LOI Deadline: July 13, 2018 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: October 25, 2018
Sponsor Deadline: November 8, 2018