News & Events

*NEW* 
Upcoming Question and Answer Webinars on the 2017-2018 Foundation Grant Stage 2 Application

All applicants of the Foundation Grant: 2017-2018 competition were recently informed of their Stage 1 results. Successful Stage 1 applicants have until February 6th to submit their Stage 2 application. To assist them in completing their application, they were invited to take advantage of CIHR’s series of four (4) Question and Answer webinars.

The webinars are designed to complement two learning modules on the Learning for Applicants page, and participants are strongly encouraged to review them in advance of the webinar:

- Foundation Grant: 2017-2018 Stage 2 for Applicants (12 min.) gives a brief tour of the application process while highlighting core resources and adjudication criteria, and
- Training and Mentorship (15 min.) clearly outlines and encourages the use of related best practices.

The webinars will be held on January 10th and January 25th, two webinars each day (French, English; then English, French respectively). We invite you to visit CIHR to register for a webinar.

For more information, please contact the CIHR Contact Centre at: Support@cihr-irsc.gc.ca.

Health Research Grant Competitions

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

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The overall goals for this funding opportunity are to:

- Catalyze the transfer of health research knowledge in the area of sex- and gender-based analysis into health policy development and practice.
- Foster capacity development and the creation of best practices to support the sustainable application of evidence-based sex- and gender-based analysis to health policies and programs.
- Support the scientifically rigorous evaluation of outcomes related to the integration of sex- and gender-based analysis into health policies and programs.

**Funding Details:** The total amount available for this funding opportunity is $300,000, enough to fund 2 grants. The maximum amount per grant is $75,000 per year for up to two years for a total of $150,000, per grant.

**Additional Details**

Internal HRS Deadline: January 9, 2018
Sponsor Deadline: January 23, 2018

CIHR – Joint Canada-Israel Health Research Program

This funding opportunity is expected to:

- Advance research and discovery in the biomedical sciences;
- Encourage scientific collaboration between Canadian and Israeli researchers and trainees; and
- Build capacity in biomedical science and foster scientific relations and collaborations with researchers and trainees in low and middle income countries.

**Funding Details:** The current competition will fund up to six teams, with a maximal annual budget of approximately $390,000 per team (NIS 1,257,965), for a total amount of approximately $1.17M over three years (NIS 3,773,896).

- ISF will administer the 6 funded grants to the Israeli Principal Applicant’s (PA) institution. The maximum amount per project that can be requested by the Israeli PA from ISF is up to NIS 1,540,000 over 3 years.
- IDRC will administer the 6 funded grants to the Canadian PA’s institution. The maximum amount per project that can be requested by the Canadian PA from IDRC is up to CAD $670,000 over 3 years.

**Additional Details**

LOI Deadline: January 16, 2018
Internal HRS Deadline: January 30, 2018
Sponsor Deadline: February 13, 2018

CIHR – Team Grant: Research Network on Lyme Disease

The Lyme Disease Research Network grant is expected to:

1. Build a national network on Lyme disease to facilitate and support national collaboration among Lyme disease stakeholders (researchers, clinicians, and patients) in resource and knowledge sharing:
   - Mobilize, strengthen and build capacity in the Lyme disease research community.
   - Develop innovative multidisciplinary curricula and training opportunities for students and professionals.
   - Facilitate and support translation and dissemination of new knowledge from bench to bedside to population in order to:
     o Improve clinical science and practice;
Foster policy changes, leading to transformative and measureable improvements in the development and implementation of evidence-informed practices, policies, services, products and programs;

- Improve patient outcomes, access to care and quality, efficiency and effectiveness of health care.

2. Develop a national cohort of patients in order to understand the association between serological and clinical phenomenology of Lyme disease on a longitudinal basis (including a biobank creation and maintenance).

**Funding Details:** The total amount available for this funding opportunity is $4 million, enough to fund approximately one research network up to a maximum of $1,000,000 per year for four years. This amount may increase if additional funding partners participate.

**Additional Details**

- **Internal HRS Deadline:** February 20, 2018
- **Sponsor Deadline:** March 6, 2018

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**CIHR – Operating Grant: SPOR PIHCI Network – Knowledge Synthesis Grants 2018**

The specific objective of this funding opportunity is to support cross-jurisdictional teams of researchers and knowledge users to produce knowledge syntheses or scoping reviews relevant to the priorities of the Primary and Integrated Health Care Innovations (PIHCI) Network, contributing to the use of synthesized evidence in decision-making and practice across multiple jurisdictions.

**Funding Details:** The total amount available from CIHR for this funding opportunity is $125,000, enough to fund approximately five grants. The maximum CIHR annual amount per grant is $25,000 for up to one year.

- Applicants must secure partner contribution from non-federal sources to match the CIHR contribution at a minimum of 1:1 ratio.
- Only one project may be funded per unique grouping/combination of jurisdictions. An exception will be made if funds are remaining after all fundable applications with unique grouping/combinations of jurisdictions are funded.

**Additional Details**

- **Internal HRS Deadline:** February 20, 2018
- **Sponsor Deadline:** March 6, 2018

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**CIHR – Operating Grant: SPOR PIHCI Network – Comparative Program and Policy Analysis (2018)**

The specific objective of this funding opportunity is to support comparative policy analysis and/or policy implications of system-scalable innovations to examine what and how policies across various provincial/territorial jurisdictions yield similar or different health outcomes. Findings are expected to guide evidence-informed policy decision-making and to inform future cross-jurisdictional research.

**Funding Details:** The total amount available for this funding opportunity is $625,000, enough to fund approximately five (5) grants. CIHR’s maximum contribution per grant is $62,500 per year for up to two (2) years.

**Additional Details**

- **Internal HRS Deadline:** February 20, 2018
- **Sponsor Deadline:** March 6, 2018

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**CIHR – Health System Impact Fellowship 2018**

The Health System Impact Fellowship is expected to:

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

**Funding Details:** Funds are allocated across two mutually exclusive streams as follows:

- **Stream A: HSI Award for Doctoral Trainees:** Of the total amount available, $700,000 is available to fund 20 awards relevant to [CIHR-IHSPR](#) and is allocated among regional funding pools as follows:
Stream A: HSI Awards for post-Doctoral Fellows: Of the total amount available, $210,000 is available to fund 6 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)

- $350,000 is available to fund 10 awards in Central Canada (including Quebec, Ontario, and Nunavut)
- $140,000 is available to fund 4 awards in Eastern Canada (including Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick)

Stream B: HSI Awards for post-Doctoral Fellows: Of the total amount available, $1,085,000 is available to fund 10 post-doctoral awards relevant to CIHR-IHSPR and is allocated among regional funding pools as follows:

- $325,500 is available to fund 3 awards in Western Canada (including Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, and Yukon)
- $542,500 is available to fund 5 awards in Central Canada (including Ontario, Quebec and Nunavut)
- $217,000 is available to fund 2 awards in Eastern Canada (including Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and New Brunswick)

Additional Details

Internal HRS Deadline: March 22, 2018
Sponsor Deadline: April 5, 2018

CIHR – Canadian Microbiome Initiative 2: Research Core

The objective of this funding opportunity is to develop a sustainable pan-Canadian Research Core that will:

- Support the sharing of cohort data, samples and bacterial strains to improve accessibility for Canadian researchers;
- Harmonize and optimize microbiome research protocols (11), including sample collection and processing in order to facilitate research reproducibility;
- Ensure that sex as a biological variable and gender as a social determinant of health are appropriately integrated into the data platform, research protocols and other core activities to expand the evidence base and research capacity in the field;
- Develop linkages among the Canadian research teams and linkages with international partners and stakeholders (e.g., the Joint Programme Initiative, Healthy Diet for a Healthy Life (JPI HDHL) Intestinal Microbiomics Initiative) in order to facilitate collaboration;
- Coordinate and facilitate multi-disciplinary training and mentoring to contribute to the development of the next generation of researchers; and
- Facilitate knowledge translation of Canadian microbiome research.

Funding Details: The total amount available for this funding opportunity is $2,125,000. This amount may increase if additional funding partners participate

Additional Details

LOI Deadline: February 13, 2018
Internal HRS Deadline: August 7, 2018
Sponsor Deadline: August 21, 2018

CIHR – Strategy for Patient-Oriented Research (SPOR) National Data Platform

The objectives of the SPOR National Data Platform will be to:

- Create efficiencies in data collection and reduce the time required for researchers to access multi-jurisdictional data.
- Establish systems of retrieval, standardization/harmonization and linkage of high priority clinical data to administrative and social data to enable richer population-based multi-jurisdictional studies to be conducted.
- Establish valid and reliable methods for linking primary research data (e.g., cohorts, clinical trials) to health administrative, social and other data to create efficiencies in data collection.
- Inform and provide innovative and ethical solutions to data access and its use through patient and partner engagement.
- Facilitate access to data analytic and data storage services, as needed, for multi-jurisdictional studies.

Funding Details: The total amount available from CIHR for this funding opportunity is up to $39,000,000 enough to fund one grant for a term of up to seven years. The breakdown of the annual funding available is as follows:

- Year 1: $3,000,000
- Year 2: $4,000,000
- Year 3: $5,000,000
- Year 4: $6,000,000
Years 5-7: $7,000,000 in each year

Additional Details
LOI Deadline: April 17, 2018
Internal HRS Deadline: June 5, 2018
Sponsor Deadline: June 19, 2018

The Canadian Institute for Advanced Research (CIFAR) Global Call for Ideas
For more than three decades, CIFAR’s global research programs have connected many of the world’s best minds – across borders and disciplines – to shape new perspectives and spark ground-breaking ideas. Our commitment to sustained research interactions and engagement through interdisciplinary research networks offers researchers the rarest of commodities: freedom to take intellectual risks that are essential for creating truly transformative knowledge. CIFAR invites the global research community to submit proposals for new programs that address complex, fundamental questions of importance to the world. Ideas must be novel, bold, and potentially transformative to warrant the creation of a sustained, interdisciplinary, and collaborative research program. CIFAR is pleased to announce a second Global Call for Ideas, inviting research leaders from around the world to identify important global research challenges that would benefit from CIFAR’s approach to sustained research interactions that include diverse perspectives. Submissions must address global, complex questions and identify an interdisciplinary research approach. Proposals will be accepted from all areas of research.

Additional Details
LOI Deadline: January 21, 2018
Announcement of short-listed proposals: Spring 2018
Sponsor Deadline: Fall 2018
*If you plan to submit an LOI please notify Tracy Arabski, Associate Director, HRS, at arabski@mcmaster.ca or ext. 22515*

Canadian Anesthesiologists’ Society Operating Grants and Career Scientist Award
The Canadian Anesthesiologists’ Society (CAS) offers two types of research grants through the Canadian Anesthesia Research Foundation:

CAS Career Scientist Award in Anesthesia
The Career Scientist Award provides partial salary support for the investigator to fund protected research time. The Career Scientist Award is normally awarded every other year, but on a trial basis this is available in 2018 and will also be available in 2019.

- Career Scientist Award

Operating Grants
Operating Grants provide funding to cover the direct costs related to a single research project. In 2018, we are pleased to offer the following five operating grants of which two are in subspecialty fields, one is an open award, one grant that is designated for new investigators and one grant for individuals committed to doing research during their residency training.

- New Investigator Operating Grant
- Subspecialty Operating Grants
- Open Operating Grants
- Residents’ Research Grant

Funding Details:
- Career Scientist Award - With the matching contribution from the recipient’s institution, the CAS award of $60,000 represents a total award of $120,000 over two years.
- New Investigator Operating Grant – Up to $30,000
- Subspecialty Operating Grants – There are two subspecialty Awards
  - CAS Research Award in Neuroanesthesia in memory of Adrienne Cheng – up to $10,000
  - Dr Earl Wynands Research Award in Cardiovascular Anesthesia – up to $30,000
- Open Operating Grants – Up to $40,000
- Residents’ Research Grant – Up to $10,000

Additional Details
Internal HRS Deadline: December 18, 2017
Sponsor Deadline: January 8, 2018
Canadian Institute for Military and Veteran Health Research (CIMVHR): Request for Proposals – Development of a Sensor System for Rapid Quantification of Small (100-300Da) Molecules in Complex Biological Fluids

Defence Research and Development Canada, is seeking a research team to investigate surface chemistry modifications of 3D printable thermoplastics for covalent attachment of bioactive proteins in a full/complete monolayer suitable for capturing small-molecule analytes in saliva. The objective of this work is to develop full, working prototypes of hand-held biosensors that are capable of rapidly quantifying small concentrations of analyte in complex biological fluids.

The Canadian Institute for Military and Veteran Health Research (CIMVHR) has entered into partnership with the Government of Canada to procure Research and Development Services related to the mental, social and physical wellbeing of active military members, Veterans and their families. CIMVHR is seeking Notices of Interest from qualified researchers or teams to enter into a contract with CIMVHR to produce this Work.

**Funding Details:** $146,000 plus applicable overhead. All deliverables must be submitted and completed by March 2019

**Additional Details**
- **Internal HRS Deadline:** December 18, 2017
- **Sponsor Deadline:** January 8, 2018

National Multiple Sclerosis Society: Pilot Research Grants

Researchers who have completed their post-doctoral training, and who are considered eligible by their institutions to apply for a research grant, are invited to apply. Individuals who are currently postdoctoral fellows or the equivalent, or who are graduate/medical students or residents, are not eligible for support under this program. Applicants are not eligible to apply if they have an existing National MS Society pilot research award that expires later than the application deadline.

**Funding Details:** $40,000 for 1 year

**Additional Details**
- **Internal HRS Deadline:** January 2, 2018
- **Sponsor Pre-application Deadline:** January 8, 2018
- **Sponsor Deadline:** January 10, 2018

American Urological Association: Urology Care Foundation Summer Medical Student Fellowships

The Urology Care Foundation offers a portfolio of mentored research training awards intended to recruit outstanding young investigators into urologic research and foster their career success. This fellowship program is designed to attract high-caliber medical students to urologic research by engaging them in summer research fellowships alongside world-class urologic scientists.

**Funding Details:** Awardees receive $4,000 stipends to support them during a ten-week mentored research experience.

**Additional Details**
- **Internal HRS Deadline:** January 2, 2018
- **Sponsor Deadline:** January 11, 2018

European Respiratory Society: 2018 Long-Term Research Fellowships

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

**Funding Details:** ERS long-term fellowships encompass a living stipend, a child allowance and a travel grant. The living stipend covers costs related to food, accommodation, transportation, etc. The monthly rates vary per host country. The living stipend is set in order to enable the stay in the host country only. The rate should be sufficient for covering the monthly living needs.
The Canadian Cancer Society: Travel Awards
A limited number of Travel Awards to PhD or MD/PhD students, and post-doctoral/medical/clinical fellows are available. The purpose of this program is to defray the travel costs associated with making a scientific presentation as a first author or presenter at a conference, symposium or other appropriate professional meeting. Candidates must be attending a conference for the purpose of presenting data (paper or poster presentation) from a cancer-related project on a first-author or presenter basis. Applications will be accepted for conference dates within 6 months of the competition deadline date. Applications will not be accepted for conferences that have already taken place. Note that acknowledgement of CCS funding must be included in the paper or poster.

Funding Details: The Travel Award will be made to defray costs of travel, registration, accommodation, meals, ground transportation, etc., and will not exceed $2,000.

The Ministry of Tourism, Culture and Sport: 2018-19 Ontario Sport and Recreation Communities Fund (OSRCF)
The Ontario Sport and Recreation Communities Fund (OSRCF) is a grant program that supports a vision of getting and keeping Ontarians active in community sport, recreation and physical activity. The fund:

- increases opportunities for physical activity in sport and recreation by developing new programs or increasing access to existing programs to encourage individuals to become more active and keep those who are, engaged throughout their lives
- aims to embed physical literacy as a foundation for lifelong physical activity among individuals enabling them to make healthier activity choices
- strengthens the community sport and recreation sector by providing training in areas such as coaching, youth development, and volunteer development to provide enhanced service and quality programming.

Through the support of projects that deliver high-quality programs and policies, the OSRCF provides Ontarians with more opportunities to become physically active, including groups who experience barriers to participating and those who are traditionally less active.

Funding Details: The program supports projects of one or two years in length, at both the Local/Regional and Provincial levels. The Ministry will fund a percentage of eligible project expenses requested by the applicant.

Crohn’s and Colitis Canada: 2018 Innovations in IBD Research
Crohn’s and Colitis Canada invites applications for an Innovations Grant to fund novel or innovative approaches to IBD research. This grant is intended to stimulate and support research which may not be encompassed within the boundaries of traditional medical research. Research proposals must conform to sound principles of research and may aim to collect pilot data for follow-on application(s). Our organization seeks mission relevance and excellence as well as innovation.

Funding Details: Grants to a maximum of $50,000 for one year may be awarded
**Crohn’s & Colitis Foundation: Entrepreneurial Investing Initiative**
The Crohn's & Colitis Foundation seeks to accelerate the development of products that aim to improve the quality of life of patients with inflammatory bowel diseases. Toward that end, the Foundation has launched the Entrepreneurial Investing Initiative, a new program and dedicated funding mechanism to support product-oriented research and development. Companies and academic investigators can apply. Funding up to $500,000 per project per year will be considered. In addition, funded programs will be offered accelerator resources and advising. Even if your organization is not interested in the Entrepreneurial Investing Initiative at this time, please consider submitting a Letter of Intent as an initial step in engaging with the Foundation. You may be eligible for additional resources, including future funding opportunities.

**Funding Details:** Funding up to $500,000 per project per year will be considered.

**Additional Details**
**LOI Deadline:** January 22, 2018  
**Sponsor Deadline:** TBD

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**Ontario Genomics: Bioinformatics and Computational Biology Funding Competition (B/CB)**
Genome Canada has announced a Request for Applications (RFA) for the 2017 Bioinformatics and Computational Biology Competition.
This funding opportunity will support projects that build the tools and methodologies needed to analyze and integrate the vast amounts of data being gathered in the ‘omics research community. Of particular interest will be proposals that address challenges associated with data handling and analysis associated with new technologies.
The objectives of this competition are:
- To support the development of next generation B/CB tools and methodologies needed to manage, analyze and integrate complex data sets produced by modern genomics technologies to better understand the associated biology; and,
- To provide broad and timely access of these B/CB tools to the research community.

**Funding Details:** $12M is available for multiple projects of $500k-$1M per project (total) for the duration of up to 3 years.

**Additional Details**
**Draft Registrations Due to Ontario Genomics:** January 24, 2018  
**Final Registrations Due to Ontario Genomics:** January 31, 2018  
**Final Registrations Due to Genome Canada:** February 1, 2018  
**Draft Applications Due to Ontario Genomics:** February 7, 2018, 10am  
**Final Applications Due to Ontario Genomics:** March 28, 2018, 10am  
**Final Applications Due to Genome Canada:** April 9, 2018  
*To apply, contact Sarah McNiven-Scott, Senior Grants Advisor, Major Projects, HRS, at mcnivesb@mcmaster.ca or ext. 22871*

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**Ontario Respiratory Care Society (ORCS) Research Grant**
The objective of this fund is to promote research regarding any field of acute or chronic lung disease. Research may include investigation of any phenomenon pertinent to illness assessment, management, or responses of the individual with a respiratory condition. Research may also be aimed at health promotion, education and prevention issues. Studies may use quantitative or qualitative methodologies. The Lung Association – Ontario (TLA) is committed to supporting the best respiratory research in Ontario. TLA has established focus areas: asthma, air quality and smoking-related lung disease. Projects in these areas are encouraged. However, the primary criterion for the awarding of research monies shall be the excellence of the research proposal.

**Funding Details:** Awards are given for 12 calendar months from July 1 to June 30.

**Additional Details**
**Internal HRS Deadline:** January 18, 2018  
**Sponsor Deadline:** February 1, 2018

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**Ontario Respiratory Care Society (ORCS) Fellowship Awards**
The objective of the ORCS Fellowship Awards is to permit health care professionals who are members of the ORCS to pursue graduate study so that they may be better able to contribute to the field of respiratory illness, health care and education. The
program should show evidence of a plan to foster theory, research and either a clinical or functional area of specialization. Studies may include research-related basic, applied or clinical study using quantitative or qualitative methodologies.

**Funding Details:** The Ontario Respiratory Care Society has only limited funds available. Normally, the monetary value of a fellowship award is:
- Full-time Studies: $7,500.00
- Part-time Studies: $3,750.00

**Additional Details**
**Internal HRS Deadline:** January 18, 2018
**Sponsor Deadline:** February 1, 2018

**Parkinson Canada Research Program**
The Parkinson Canada Research Program funds research into the cure, cause, progression, improved treatment and/or understanding of Parkinson’s disease, related disorders including Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), other Parkinson’s conditions and the impact these diseases have on society. Parkinson Canada has released 6 new funding opportunities. Please refer to the additional details link for more information from the Parkinson Canada website.

**Funding Details:**
- **Pilot Project Grant** – One-year duration Maximum funding of $50,000
- **New Investigator Award** – Two-year duration $45,000 per year
- **Basic Research Fellowship** – Two-year duration $40,000-$50,000 per year
- **Clinical Movement Disorders Fellowship** – One-year duration $50,000
- **Clinical Research Fellowship** – Two-year duration $50,000 per year
- **Graduate Student Award** – Two-year duration $20,000 per year (including $5,000 from supervisor)

**Additional Details**
**Internal HRS Deadline:** January 18, 2018
**Sponsor Deadline:** February 1, 2018

**The Kidney Foundation of Canada: KRESCENT Post-Doctoral Fellowship**
A KRESCENT program Post-Doctoral Fellowship is an “in-training” award intended for applicants with a PhD, MD or equivalent degree. The objective is to attract and foster young investigators to initiate and/or continue training in kidney research. An awardee may not be in receipt of another major personnel award at the same time as holding the Post-Doctoral Fellowship from the KRESCENT program. However, the KRESCENT program will consider approving supplemental funding if a minor stipend has been provided from a local or provincial funding agency.

**Funding Details:** The annual stipend is $ 65,000 (MD or equivalent degree) or $ 55,000 (Ph.D. without a MD or equivalent degree) without benefits. Successful applicants are expected to organize their own benefits with the host institution. Stipends are valued in Canadian dollars and are taxable. It is expected that 50% of the award will be contributed by the KRESCENT Program and 50% will be contributed by the host institution.

**Additional Details**
**Internal HRS Deadline:** January 18, 2018
**Sponsor Deadline:** February 1, 2018

**The Kidney Foundation of Canada: KRESCENT New Investigator Award**
The KRESCENT program New Investigator Award is awarded to individuals who have clearly demonstrated excellence during their pre-doctoral and post-doctoral training in kidney disease. The Award provides salary support for up to three years of the faculty appointment at the rank of Assistant Professor or its equivalent at a Canadian University. The purpose of this award is to assist such an individual to become established as a fully independent investigator in the field of kidney disease. Preference may be given to candidates who have been awarded and successfully completed a KRESCENT program Post-Doctoral Fellowship or Allied Health Doctoral Scholarship.
Funding Details: The annual stipend is $70,000 (MD or equivalent degree) or $65,000 (Ph.D. without a MD or equivalent degree) without benefits. Stipends are valued in Canadian dollars and are taxable. It is expected that 50% of the award will be contributed by the KRESCENT Program and 50% by the host institution.

Additional Details
Internal HRS Deadline: January 18, 2018
Sponsor Deadline: February 1, 2018

Burroughs Wellcome Fund: Collaborative Research Travel Grants
The Collaborative Research Travel Grant (CRTG) program provides up to $15,000 in support for relatively unrestricted travel funds to academic scientists (faculty and postdocs) at U.S. or Canadian degree-granting institutions. Grants must be used for domestic or international travel to another lab to learn new research techniques or begin or continue a collaboration to address biomedical questions. All proposals must be cross-disciplinary. Applicants with a doctoral degree in the physical, mathematical, or engineering sciences working on a biological problem are encouraged to apply. Conversely, proposals from biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer are also encouraged to apply.

Funding Details: The Collaborative Research Travel Grant (CRTG) program provides up to $15,000

Additional Details
Internal HRS Deadline: January 18, 2018
Sponsor Deadline: February 1, 2018

Spencer (Spencer Foundation): Small Research Grants
The Small Research Grants program is intended to support education research projects with budgets of $50,000 or less. In keeping with the Spencer Foundation’s mission, this program aims to fund academic work that will contribute to the improvement of education, broadly conceived. Historically, the work that has been funded through these grants has spanned a range of topics and disciplines, including education, psychology, sociology, economics, history, and anthropology, and they employ a wide range of research methods. The following examples of recently funded small grants illustrate the diversity of what the Spencer Foundation supports:

- an experimental study of how college students use visual representations in solving math problems
- a study exploring the process of racial and rural identity formation among African American high-school students who attend de facto segregated schools in the rural South
- a mixed-methods study focusing on the different types of knowledge novice and experienced teachers draw on in teaching for reading comprehension

Funding Details: Up to $50,000

Additional Details
Internal HRS Deadline: January 18, 2018
Sponsor Deadline: February 1, 2018

Spencer (Spencer Foundation): The New Civics
The New Civics initiative area invites research proposals that ask critical questions about how education can more effectively contribute to the civic development of young people. As a start, the Spencer Foundation asks what experiences, environments, and contexts help young people, from all walks of life, develop the habits, skills, understandings, and dispositions that encourage informed participation in civic affairs.

Funding Details: Up to $50,000

Additional Details
Internal HRS Deadline: January 18, 2018
Sponsor Deadline: February 1, 2018
**Women's College Hospital: Women's Xchange 15K Challenge**

Women's Xchange invites you to apply for the $15K Challenge. The $15K Challenge awards up to $15,000 to individuals in organizations working to advance the health of women and girls in Ontario. Funding is available for one year to support research projects that address women’s health issues at the local level. From help on framing a research question to aid in communicating the results of your project to others, Women’s Xchange wants to support you. Women’s Xchange can help transform your ideas into research that will make an impact in the communities you serve.

**Funding Details:** The $15K Challenge awards up to $15,000 to individuals in organizations working to advance the health of women and girls in Ontario. Funding is available for one year to support research projects that address women’s health issues at the local level.

**Additional Details**

LOI deadline: January 8, 2018
Internal HRS Deadline: January 25, 2018
Sponsor Deadline: February 8, 2018

**National Multiple Sclerosis Society: Research Grants**

The National MS Society welcomes applications for studies related to multiple sclerosis that may serve to advance our mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

**Funding Details:** Applicants are required to provide an estimate of the total cost of the proposed project.

**Additional Details**

Internal HRS Deadline: January 31, 2018
Sponsor Pre-application Deadline: February 7, 2018
Sponsor Deadline: February 14, 2018

**MITACS Elevate Winter 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.

Over the two-year fellowship, Elevate fellows divide their time between their partner organization project and university-based research with their faculty supervisor.

**Funding Details:** $55,000 minimum annual stipend/salary (for fellowships awarded after April 1, 2018) Training curriculum valued at $7,500 per year

**Additional Details**

LOI deadline: January 24, 2018
Internal HRS Deadline: February 7, 2018
Sponsor Deadline: February 21, 2018

**Canadian Institute for Advanced Research (CIFAR) Azrieli Global Scholars Program 2018**

CIFAR invites exceptional early career researchers to join CIFAR’s global network of 370 researchers from 18 countries who together are pursuing answers to some of the most complex challenges facing the world today. The CIFAR Azrieli Global Scholars program provides funding, skills training, mentorship, and opportunities to collaborate with outstanding colleagues from diverse disciplines to position scholars as leaders and agents of change within academia and beyond. Applicants can be from anywhere in the world, must
hold a PhD (or equivalent) and be within the first five years of a full-time academic appointment. Scholars’ research interests must be aligned with the themes of an eligible CIFAR research program.

In 2018, the eligible programs are:
- Azrieli Program in Brain, Mind & Consciousness
- Bio-Inspired Solar Energy
- Gravity & the Extreme Universe
- Humans & the Microbiome
- Molecular Architecture of Life

**Funding Details:** $100,000 CDN in unrestricted research support

**Additional Details**
- **Internal HRS Deadline:** February 8, 2018
- **Sponsor Deadline:** February 22, 2018

*If you plan to apply, contact Tracy Arabski, Associate Director, HRS, at arabski@mcmaster.ca or ext. 22515*

**Weston Brain Institute: Transformational Research Canada 2018 Neurodegenerative Diseases of Aging**
The Weston Brain Institute is delighted to launch their Transformational Research: Canada 2018 Program to fund transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data. Their goal is to provide funding for translational research that will accelerate the development of therapeutics for neurodegenerative diseases of aging.

Eligible Principal Applicants must be researchers working in Canada at least 30% of the time 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/Collaborators must be at the post-doctoral level or above and can be working outside Canada.

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

**Additional Details**
- **LOI deadline:** February 15, 2018 *Extended*
- **Sponsor Deadline (By invite only):** March 2018

**The Greenwall Foundation: Making a Difference in Real-World Bioethics Dilemmas**
The Greenwall Foundation is requesting proposals for the Spring 2018 cycle of its bioethics grants program, Making a Difference in Real-World Bioethics Dilemmas, to support research to help resolve an important emerging or unanswered bioethics problem in clinical care, biomedical research, public health practice, or public policy. Their aim is to fund innovative projects that will have a real-world, practical impact. Priority for funding will be given to collaborative projects involving a bioethics scholar and persons with on-the-ground experience in organizations where bioethics dilemmas arise, for example, in clinical care; biomedical research; biotechnology, pharmaceutical, big data, and artificial intelligence companies; or public service. Such collaboration can identify specific bioethics problems that clinicians, researchers, policymakers, public health officials, and others face in their daily work, and facilitate practical resolutions. Reviewers will be looking for evidence of a history of collaborative research and a strong collaborative plan. Applicants are also strongly encouraged to engage with relevant lay or community stakeholders throughout their project.

**Funding Details:** The Greenwall Foundation will fund 10% indirect costs to the grantee institution for salary and benefits only. Salaries for investigators are capped at 1.5x the current NIH cap for the basis of the percent effort allocation and fringe rates will be capped at 35%

**Additional Details**
- **LOI Deadline:** January 8, 2018
- **Internal HRS Deadline:** February 22, 2018
- **Sponsor Deadline (By invite only):** March 8, 2018

**Ontario-Jiangsu Industrial Research and Development Program (OJIRDP)**
The Ontario-Jiangsu Industrial Research and Development Program (OJIRDP) will support joint industrial R&D projects focusing on the development of products or processes that may lead to commercialization in global markets. A partnership of the Jiangsu
Science and Technology Department (JSTD) and the Ontario Ministry of Research, Innovation and Science (MRIS), the OJIRDP will support projects leading to commercial success and socio-economic benefits for both jurisdictions.

**Funding Details:** Successful Ontario applicants may receive a maximum of $125,000 CAD per project (for academic applicants) or $150,000 CAD per project (for company applicants) from OCE under the OJIRDP program, to fund the Ontario portion of the project.

**Additional Details**
**LOI Deadline:** January 15, 2018  
**Internal HRS Deadline:** March 1, 2018  
**Sponsor Deadline (By invite only):** March 15, 2018

### The Alton Ochsner Award Relating Smoking and Disease 2018

Nominations are now being accepted for the 33rd Annual Alton Ochsner Award Relating Smoking and Disease. Nominations must be made by a letter (online) that describes in detail, but concisely, the scientific work and major contributions of the investigator to the field. Self-nominations are excluded. All nominations must include and be supported by:

1. the candidate’s curriculum vitae (containing an active mailing address, office telephone and cellular telephone number, and e-mail address, and bibliography);
2. at least two additional supporting letters of recommendation by scientific peers from outside the candidate’s institution; and
3. reprints of at least three pertinent major supporting scientific contributions.

The Award Committee is now accepting nominations and supporting material in PDF format only by e-mail sent to Ochsner at AOSRA@ochsner.org. Documents submitted in a format other than PDF by e-mail will not be considered.

**Funding Details:** $15,000 will be presented to one to three investigators.

**Internal HRS Deadline:** March 16, 2018  
**Sponsor Deadline:** March 31, 2018

*To apply or for additional details, contact Catherine Gill Pottruff or Serena Jennings, Senior Grants Advisors, HRS, at gillc@mcmaster.ca or sjenn@mcmaster.ca respectively*

### MITACS Accelerate Internship Opportunities

Five United Ways across Canada have come together in a pilot partnership with Mitacs to provide funding and training for graduate students and postdocs for research related to social inclusion. Social Inclusion as an issue is of broad interest to United Way’s across Canada and the United Way movement worldwide. Inclusion is a strategy to leverage diversity. Diversity always exists in social systems. Inclusion, on the other hand, must be created. In order to leverage diversity, an environment must be created where people feel supported, listened to and able to do their personal best. Social inclusion (sometimes referred to as a sense of belonging) is the act of making all groups of people within a society feel valued and important. It is the process of improving the terms on which individuals and groups take part in society—improving the ability, opportunity, and dignity of those disadvantaged on the basis of their identity.

**Funding Details:** Get a stipend/salary starting at $10,000 per four-month period

**Additional Details**
**LOI Deadline:** January 8, 2018  
**Internal HRS Deadline:** March 19, 2018  
**Sponsor Deadline:** April 1, 2018

### Misk Foundation and the Bill & Melinda Gates Foundation: Misk Grand Challenges

The Misk Foundation, the non-profit philanthropic foundation established by Saudi Arabia’s Crown Prince Mohammed bin Salman, and the Bill & Melinda Gates Foundation have partnered to launch Misk Grand Challenges. This initiative seeks to empower youth both with the skills that they need to succeed in the knowledge economy and with the passion required to tackle the world’s most challenging problems. Ultimately, the initiative hopes to nurture a new generation of leaders who will transform both local and global communities.

**Funding Details:** Awards total $100,000 USD each, provided over 2 years, with an opportunity to apply for follow-on funding.
Patient-Centered Outcome Research Institute (PCORI): Pragmatic Clinical Studies to Evaluate Patient-Centered Outcomes

PCORI seeks to fund pragmatic clinical trials, large simple trials, or large-scale observational studies that compare two or more alternatives for addressing prevention, diagnosis, treatment, or management of a disease or symptom; improving healthcare system-level approaches to managing care; communicating or disseminating research results to patients, caregivers, or clinicians; or eliminating health or healthcare disparities. Proposed studies must address critical healthcare choices faced by patients, their caregivers, clinicians, or delivery systems. They must involve broadly representative patient populations and be large enough to provide precise estimates of hypothesized effectiveness differences and to support evaluation of potential differences in treatment effectiveness in patient subgroups.

**Funding Details:** Funds up to $90 Million ($10 Million Total Direct Costs) for a Maximum period of 5 years.

**Additional Details**
- Online System Opens: January 16, 2018
- LOI Deadline: February 13, 2018 5pm (ET)
- Internal HRS Deadline: May 2, 2018
- Sponsor Deadline: May 16, 2018 5pm (ET)

Natural Sciences and Engineering Research Council of Canada (NSERC): Strategic Partnership Grants for Projects

Strategic Partnership Grants for Projects (SPG-P) fund early-stage project research in targeted areas. To be funded, a research project must meet the following requirements:

- The project must support the goal of Strategic Partnership Grants and fall within one of the target areas.
- The objectives and scope of the project must be well-defined. The duration may be from one to three years.
- At least one academic researcher and at least one supporting organization must collaborate in the project.
- The supporting organization must be actively involved in all stages of the project; therefore, in-kind contributions are required, but cash is not.

**Funding Details:** The amount requested is usually what is awarded. However, the principal investigator must provide justification for the need for funds, and a project may be awarded with a reduced budget. Purchase of major equipment items or systems is limited to a maximum of $150,000 total.

**Additional Details**
- Notify MILO of Intent to Apply: January 19, 2018
- Sponsor LOI Deadline: February 1, 2018
- Sponsor Deadline (By invite only): June 7, 2018
- *To Apply, Contact Ryan Vieira, Research Contracts Advisor (Science and Engineering), MILO, at vieirara@mcmaster.ca or extension 22649*

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.

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

CIFAR is announcing the launch of a new opportunity to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. We have designed a research workshop program for short-term, time-limited interactions of 10 to 20 people.

**Funding Details:** A high-level budget is required for up to a maximum of $50,000 CAD

**Simons Foundation, Simons Foundation Autism Research Initiative (SFARI): SFARI Explorer Award**

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

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

**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.
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.

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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.

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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

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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.
**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 Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) Applied Behavior Analysis Clinical Study Award**
This award supports a prospective clinical study that will evaluate the effectiveness of the tiered delivery model of Applied Behaviour Analysis (ABA) for individuals diagnosed with Autism Spectrum Disorder (ASD). Findings from the clinical study should lead to a thorough and detailed understanding of the outcomes of ABA services delivered to participants diagnosed with ASD who receive tiered model ABA services. The proposed clinical study should address the following list of variables (not all-inclusive): ASD symptom severity, cognitive and adaptive functioning, ABA services, services other than ABA utilized, and other demographic variables. Although not required, investigators are strongly encouraged to include TRICARE beneficiaries diagnosed with ASD in the study population.

**Funding Details:** Maximum funding of $7,000,000 for direct and indirect costs for a maximum of 4 years.

**Additional Details**
LOI Deadline: December 20, 2017 (deadline extended) (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: January 2, 2018
Sponsor Deadline: January 8, 2018 (deadline extended)

**Department of Defense Lupus Research Program (LRP) Funding Opportunities for Fiscal Year 2017**
The Department of Defense has announced two new funding opportunities in the LRP for fiscal year 2017.

- **Concept Award** – Investigators at all academic levels are eligible. This award supports high-risk studies that have the potential to reveal new avenues for investigation into lupus.
- **Impact Award** – Only assistant professor level or above (or equivalent) are eligible. This award supports new high-risk, high-reward ideas that could lead to critical discoveries or major advancements in the field of lupus research. Applications must describe how the new idea will enhance existing knowledge of lupus or develop a novel course of investigation.

**Funding Details:**
- **Concept Award** – Maximum funding of $150,000 for direct and indirect costs for a maximum of 1 year.
- **Impact Award** – Maximum funding of $525,000 for direct and indirect costs for a maximum of 3 years.

**Additional Details**
LOI Deadline: December 21, 2017 (A pre-application is required and must be submitted through eBRAP)
Internal HRS Deadline: n/a
Sponsor Deadline: January 4, 2018

**Department of Defense Kidney Cancer Research Program (KCRP) Funding Opportunities for Fiscal Year 2017**
Four new awards are available. Please refer to the additional details link for more information from the DoD website.
Funding Details:
- **Consortium Development Award** – Maximum Funding of $1 Million Total Costs for a maximum of 2 years.
- **Idea Development Award** – Maximum Funding of $400,000 for direct and indirect costs for a maximum of 3 years.
- **Concept Award** – Maximum Funding of $75,000 for direct and indirect costs for a maximum of 1 year.
- **Translational Research Partnership Award** – Maximum Funding of $600,000 for direct and indirect costs for a maximum of 3 years.

**Additional Details**
- **LOI Deadline**: December 20, 2017 (A pre-application is required and must be submitted through eBRAP)
- **Internal HRS Deadline**: n/a
- **Sponsor Deadline**: January 4, 2018

**Department of Defense Psychological Health/Traumatic Brain Injury Research Program (PH/TBIRP) Peer Support Program (PSP) Translational Research Award**

Applications to the FY17 PSP Translational Research award should examine the efficacy and effectiveness of peer-to-peer support interventions to translate and integrate content into the everyday routines of Service members to enhance psychological health readiness and mitigate negative behavioral health issues including suicide behaviors. Applications should focus on research to evaluate the efficacy and effectiveness of peer support programs that could be implemented in the military.

**Funding Details**: Maximum Funding of $3M for direct and indirect costs for a maximum of 3 years

**Additional Details**
- **LOI Deadline**: January 5, 2018 (A pre-application is required and must be submitted through eBRAP)
- **Internal HRS Deadline**: January 12, 2018
- **Sponsor Deadline**: January 19, 2018

**Department of Defense Medical Research and Development Program (DMRDP) Accelerating Innovation in Military Medicine (AIMM) Research Award**

The AIMM Research Award is intended to support highly creative and conceptually innovative high-risk research with the potential to accelerate critical discoveries or major advancements that will significantly impact military health and medicine. AIMM initiative funding supports novel research concepts and other efforts that initiate or enhance potential game-changers that may not be supported by other funding mechanisms or core programs. Applications using synthetic or systems biology-based approaches are highly encouraged.

**Funding Details**: Maximum Funding of $350,000 for direct and indirect costs for a maximum of 18 months.

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