New Funding Opportunities - Weekly Update  
(June 22, 2018)

Please search for all CURRENT funding opportunities at:  
http://pasweb.cc.umanitoba.ca/extapp/ors/pubapp/umfo.php

TRI- AGENCIES:

CANADIAN INSTITUTES OF HEALTH RESEARCH (CIHR):
To get more CIHR news, please follow our CIHR University Delegate, Dr. Yvonne Myal. To subscribe to her CIHR University Delegate email list-serve, please send an email to Yvonne.Myal@umanitoba.ca.

➢ Canada Graduate Scholarships – Michael Smith Foreign Study Supplement (2018-2019)

**The Canada Graduate Scholarships – Michael Smith Foreign Study Supplements Program is available to Canadian citizens or permanent residents who hold a Joseph-Armand Bombardier, an Alexander Graham Bell, or a Frederick Banting and Charles Best Canada Graduate Scholarship (CGS) at the master’s or doctoral level, or a Vanier CGS at the doctoral level.**

For detailed information, visit Canada Graduate Scholarships – Michael Smith Foreign Study Supplements Program.

The total amount available for this funding opportunity is $270,000, enough to fund approximately 45 awards. The maximum amount per award is $6,000 for a defined research study period outside of Canada for a minimum of two months to a maximum of six months.

Application Deadline: October 10, 2018  
ORS Deadline: September 26, 2018  
ORS Contact: Jenna Silva, Research Grants Officer (Institutional): jenna.silva@umanitoba.ca

➢ Centres for HIV/AIDS, Hepatitis C and other STBBIs Research

The CIHR HIV/AIDS Research Initiative will provide funding for Centres that address the relevant research areas described below. Centres are expected to be strategic and focused in their efforts and have impact in each of the following two areas:

- **HIV, Hepatitis C and other STBBI Prevention and Management:** Research and capacity building to develop and evaluate innovative models for preventing, managing and treating individuals and populations at risk of developing or living with disease(s).

- **Access to Appropriate testing, Diagnosis and Care for Vulnerable Populations:** Research and capacity building to develop and evaluate innovative
models to improve equity of access to appropriate testing, diagnosis and care by focusing on vulnerable subgroups who are at greater risk of poorer health outcomes and experiencing challenges in equity of access, and by addressing individual, social and structural determinants of health that lead to or reinforce conditions of vulnerability (e.g., stigmatization, migration).

In addition, this opportunity includes an Indigenous Population funding pool for projects that focus exclusively on First Nations, Inuit, Métis and/or Urban Indigenous populations.

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. Approved grants may receive an across-the-board cut to the budget, if necessary, to maximize the number of funded opportunities.

**Application Deadline:** December 11, 2018  
**ORS Deadline:** November 27, 2018  
**ORS Contact:** Jenna Silva, Research Grants Officer (Institutional): jenna.silva@umanitoba.ca

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**CIHR Clinical Trials Network in HIV/AIDS (2018)**

This funding opportunity is for a Directed Grant to enable the renewal of the Canadian HIV Trials Network (CTN). CIHR’s vision for the CTN is to continue to provide world-class national infrastructure for a network of patients, health researchers, health service providers, and policy and decision makers across Canada. The Network is expected to deliver specialized expertise and services to facilitate clinical research, including trials, and the application of knowledge into clinical applications and practice. It is expected to work with other relevant national and international networks and partners, as appropriate, in order to maximize its impact and contribution to improved health outcomes for Canadians. The goal of the Network is to contribute to improved health outcomes for people living with and at risk of HIV, hepatitis C and/or other STBBIs in Canada, with a focus on populations most affected (i.e., First Nations, Inuit, Métis, and Urban Indigenous communities; ethno-racial minority communities with high rates of infection; gay and other men who have sex with men; people currently or previously incarcerated; people who use drugs; youth and women). While focused on the HIV epidemic in Canada, it is expected that much of the clinical research led by the CTN will also have the potential for impact on the epidemic globally.

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.

**Funding opportunity is a directed grant, only the CIHR Canadian HIV Trials Network (CTN) is eligible to apply**
Application Deadline: September 11, 2018
ORS Deadline: August 21, 2018
ORS Contact: Jenna Silva, Research Grants Officer (Institutional): jenna.silva@umanitoba.ca

- **Operating Grant: Epigenetics Clinical Translation**

  This funding opportunity is a key component of the second phase of the Canadian Epigenetics, Environment and Health Research Consortium (CEEHRC), a multi-agency, pan-Canadian initiative led by CIHR. It is to support research regarding epigenetics in the clinical setting, demonstrating proof-of-concept utility of epigenetic changes in the context of diagnostics and potential therapeutic targets, in addition to building and fostering partnerships with relevant patients and stakeholders.

  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.

Registration Deadline: September 5, 2018
Application Deadline: October 10, 2018
ORS Deadline: September 26, 2018
ORS Contact: Jenna Silva, Research Grants Officer (Institutional): jenna.silva@umanitoba.ca

- **Operating Grant: Understanding the Health Impact of Inactivity**

  This funding opportunity is to support an inactivity study including a countermeasure intervention study involving older adults (55-65) for which all basic infrastructure costs, including standardized measurements on participants (such as described in the Guidelines for Standardization of Bed Rest Studies in the Spaceflight Context [PDF (5.3 MB) - external link]), a medical team, and surveillance on site (at a specific bed rest facility), will be covered by the Canadian Space Agency (CSA). The successful applicants’ research projects will run in parallel and will all be integrated into an overall coordinated protocol. A planning workshop will be held in January or February 2019 (date to be confirmed) in order to coordinate the protocols.

  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.

Registration Deadline: July 24, 2018
Application Deadline: August 21, 2018
ORS Deadline: August 7, 2018
ORS Contact: Jenna Silva, Research Grants Officer (Institutional): jenna.silva@umanitoba.ca

- **Team Grant: HIV/AIDS Biomedical and Clinical Research**

  Under the Federal Initiative to Address HIV/AIDS, CIHR has, over the past years, funded biomedical and clinical research with both small pilot project funding opportunities and very
large team grants. While there are trends towards funding HIV, Hepatitis C and other STBBIs in a more coordinated fashion, this funding opportunity will focus solely on HIV, seeking to ensure that focused teams (that may work in areas of higher risk) as well as large more expansive teams (that will bring together experts from different disciplines working collaboratively on a number of inter-related research projects under a unified program of research) have the opportunity to extend their innovative research and training efforts.

The total amount available for this funding opportunity is $20,000,000, enough to fund approximately 6 grants. This amount may increase if additional funding partners participate.

**Application Deadline:** November 6, 2018  
**ORS Deadline:** October 23, 2018  
**ORS Contact:** Jenna Silva, Research Grants Officer (Institutional): jenna.silva@umanitoba.ca

- **Team Grant : Pathways Implementation Research Teams – Component 3**

The Pathways Implementation Research Teams Component 3 Funding Opportunity supports the overall goal of the [Pathways to Health Equity for Aboriginal Peoples](https://example.com) (Pathways) Initiative, which is to develop a better understanding of how to design and implement equitable reach, access and sustainability of population health interventions (such as those funded by Public Health Agency of Canada, and the First Nations and Inuit Health Branch at the Department of Indigenous Services Canada [formerly of Health Canada] that will improve Indigenous (i.e., First Nations, Inuit, and Métis) health and health equity.

While components 1 and 2 of the Initiative dealt with designing interventions, Component 3 focuses on implementing interventions. Reach, access and sustainability of interventions can take on different forms, such as:

- implementing an intervention that is adaptable to changes in the immediate environment;  
- implementing the intervention among other individuals, groups and/or populations;  
- integrating the intervention with other pre-existing interventions; and  
- adopting the intervention as an organizational practice, program and/or policy.

The focus of research supported through this funding opportunity will be on population health interventions, defined as policies, programs and resource distribution approaches that have the potential to impact health and health equity at a population level across the life course. **There are four exemplars of focus:** Mental Wellness, Diabetes/Obesity, Tuberculosis, and Oral Health.

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.
Application Deadline: September 6, 2018
ORS Deadline: August 23, 2018
ORS Contact: Jenna Silva, Research Grants Officer (Institutional):
  jenna.silva@umanitoba.ca

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL OF CANADA (SSHRC)

- Indigenous Research Capacity and Reconciliation—Connection Grants

The federal research funding agencies (SSHRC, NSERC and CIHR) have launched a special call which invites proposals from applicants affiliated with First Nations, Métis and Inuit not-for-profit organizations, as well as with other not-for-profit organizations or Canadian postsecondary institutions in any discipline.

This funding supports interdisciplinary events and outreach activities to engage and exchange knowledge on successful ways of conducting Indigenous research that are transformative and contribute to reconciliation, including holistic, interdisciplinary and distinctions-based approaches.

These Connection Grants are valued at up to $50,000 for six months, with the possibility of a six-month extension.

For more information, please contact: Indigenousresearch@sshrc-crsh.gc.ca.

Application Deadline: September 6, 2018
ORS Deadline: August 30, 2018
ORS Contact: Michelina Violi, Research Grant Officer (Health),
  Michelina.Violi@umanitoba.ca

INTERNAL GRANTS:

- Small Research Equipment Funding Program (SREF)

The Office of the Vice-President (Research and International) will provide a maximum of $25,000 to researchers who have specific, lower-cost equipment needs required to support their research programs.

Application Deadline: July 31, 2018
ORS Contact: Jenna Silva, Research Grants Officer (Institutional):
  jenna.silva@umanitoba.ca

INTERNATIONAL FUNDING OPPORTUNITIES/ANNOUNCEMENTS:

International Development Research Centre (IDRC):

- Rapid Research Fund for Ebola Virus Disease Outbreaks
The Rapid Research Fund for Ebola Virus Disease Outbreaks is intended to support social sciences, humanities, public health and/or health systems research aimed at more effectively containing the current Ebola outbreak in the Democratic Republic of Congo, as well as potential future outbreaks, more readily. This call is intended to fund collaborative partnerships between Canadian and African researchers based out of established, research-oriented organizations in North and sub-Saharan Africa and Canada.

For more information, click here: **Call for research proposals: Rapid Research Fund for Ebola Virus Disease Outbreaks**

**Application Deadline at International Development Research Centre (IDRC): July 13, 2018**
**ORS Deadline: July 6, 2018**
**ORS Contracts Coordinator:** Lara Arnason (lara.arnason@umanitoba.ca)

**The Crohn’s and Colitis Foundation**

- **Biology of Fibrosis in IBD RFP**

  The Crohn's & Colitis Foundation seeks to fund studies focused on investigating the biological mechanisms leading to, and protecting from, fibrosis in IBD. These studies should be built upon clinical observations and/or published evidence in human IBD. Particular interest will be on proposals that address one or more of the following areas:

  - Pathophysiology of fibrosis based on documented patterns of gene expression
  - Cell biological mechanisms of fibrosis – role of different cell types
  - Biology of strictureplasty

  Funding is $900,000 US for three (3) years ($300,000/year contingent on reaching milestones).

  For more information, including application guidelines click [here](#).

  **Note:** proposals must be submitted through ProposalCENTRAL.

  **Full Application Deadline:** September 7, 2018
  **ORS Deadline:** August 31, 2018
  **ORS Contact:** Michelina Violi, Research Grant Officer (Health), Michelina.Violi@umanitoba.ca

- **Sensor Technologies to Monitor Inflammation in IBD RFP**

  The purpose of this initiative is to support the development of sensor technologies that can be implemented to detect and monitor inflammation in the context of IBD. Proposed technology should meet the following criteria:

  - **Minimally invasive detection of active inflammation.** Preferably, the signals detected should be related to biological processes regarded to be causative and/or highly correlated with intestinal inflammation in IBD (e.g. cytokine levels, presence of proinflammatory immune cells, proinflammatory mediators, etc.) and should be
informative with respect to symptoms (e.g. active "flare-up" prior to observation of severe symptoms).

- Sampling of data should be **continuous or periodic during daily life**, specifically, technologies, such as sensors/ biosensors/ nano-sensors, implantable, ingestible, wearable or environmental devices, will be considered.
- Have the **potential to reach clinical studies** within the next 3-4 years.

Funding available is $125,000 US (including 10% indirect costs) for one (1) year.

For more information on the Investigator-Initiated Research Award, click here.

**Note:** proposals must be submitted through ProposalCENTRAL.

**Full Application Deadline:** September 7, 2018  
**ORS Deadline:** August 31, 2018  
**ORS Contact:** Michelina Violi, Research Grant Officer (Health), Michelina.Violi@umanitoba.ca

**US Department of Defense – Prostate Cancer Research Program (PCRP)**

The PCRP seeks to promote: highly innovative, ground-breaking research; high-impact research with near-term clinical relevance; the next generation of prostate cancer investigators through mentored research; and resources that will facilitate translational research.  
**Applications submitted to the FY18 PCRP must address one or more of the Overarching Challenges (revised for FY18):**

- Develop treatments that improve outcomes for men with lethal prostate cancer  
- Reduce lethal prostate cancer in African Americans, Veterans, and other high-risk populations  
- Define the biology of lethal prostate cancer to reduce death  
- Improve the quality of life for survivors of prostate cancer

**Health Disparity Research Award**

Supports new ideas for prostate cancer research that have the potential to make an important contribution to reducing and ultimately eliminating disparities in prostate cancer incidence, morbidity, and mortality. Research ideas should be innovative, but primary emphasis will be placed on the potential impact of the proposed work. Preliminary data are encouraged, but not required. Proposed projects may include basic, translational, or clinical research, including clinical trials. Must address at least one of the FY18 PCRP Overarching Challenges. The maximum funding amount available over three (3) years is $1,000,000 US for Established Investigators and $600,000 for New Investigators.

More information, including guidelines, can be found here.

**Note:** Pre-applications must be submitted through eBRAP and full applications must be submitted through Grants.gov
US Department of Defense – Parkinson’s Research Program (PRP)

- **Early Investigator Research Award**

  This award supports early-career investigators exploring innovative, high-impact ideas or new technologies applicable to Parkinson’s disease research and/or patient care. The PRP seeks applications from investigators working in a broad spectrum of disciplines including, but not limited to, basic science, engineering, bioinformatics, population science, translational research, and clinical research. The application should demonstrate the PI’s potential for, and commitment to, pursuing a career in Parkinson’s disease research under the guidance of a designated Mentor(s). Applications must include at least one Mentor, appropriate to the proposed research project, who has experience in Parkinson’s disease research and mentoring as demonstrated by a record of active funding, recent publications, and successful mentorship. The selected Mentor(s) should also demonstrate a clear commitment to the development of the PI toward independence as a Parkinson’s disease researcher. The proposed research **must** address the FY18 PRP EIRA Focus Area, “mechanisms of cognitive and psychiatric symptoms of Parkinson’s disease.” Clinical trials are not allowed.

  The maximum funding available is $340,000 US over two (2) years.

  In addition to the complete application package, EIRA applications also require **Confidential Letters of Recommendations (two letters required; maximum of three allowed)**

  More information on this funding opportunity can be found [here](#).

- **Investigator-Initiated Research Award**

  The PRP IIRA supports highly rigorous, multidisciplinary, high-impact research projects that have the potential to make an important contribution to Parkinson’s disease research and/or patient care. This award mechanism supports the full spectrum of research from basic science through clinical research that specifically focuses on scientific and clinical Parkinson’s disease issues.
All applications to the FY18 PRP Investigator-Initiated Research Award (IIRA) Program Announcement MUST address at least one of the following FY18 PRP IIRA Focus Areas:

- Genetic stratification of suspected environment factors that are quantifiable on the risk of developing Parkinson’s disease
- Biological mechanisms of impact from exercise on neurodegeneration in Parkinson’s disease

Preliminary data to support feasibility are encouraged. Clinical trials are not allowed.

There are two options for this application: Partnering PI and Individual PI. Maximum funding, over three, (3) years for Individual PI option is $1.5 million US for total costs and for Partnering PI Option is $2 million US for total costs.

More information regarding this opportunity can be found here.

**Pre-Application Deadline:** September 17, 2018, 5:00 pm EST  
**Full Application Deadline:** October 3, 2018, 5:00 pm EST  
**ORS Deadline:** September 26, 2018  
**ORS Contact:** Michelina Violi, Research Grant Officer (Health), Michelina.Violi@umanitoba.ca

**OTHER FUNDING OPPORTUNITIES/ANNOUNCEMENTS:**

- **Shell Global - Shell GameChanger Innovation Challenge – Call for Proposals**

  Shell GameChanger seeks early stage innovative technology solutions in the following categories for funding and partnership opportunities. First phase funding will range USD $150K-300K over a period of no more than 12 months. **Submissions due June 30, 2018**

  **New Energies**
  - Solar Fuels
  - Grids of the Future
  - Digitalization Machine Learning
  - New Routes to Oxygenated Intermediates

  **Oil and Gas**
  - Safety and Sustainability
  - Real Time Monitoring, Control, and Data Analytics
  - Improved Hydrocarbon Recovery
  - Novel Wells Technologies
  - Geosciences – Carbonates


  Contact: Darren Fast, Director, Technology Transfer Office - darren.fast@umanitoba.ca
WORKSHOPS/EVENTS/MEETINGS:

- **SciVal Research Metrics Tool workshop and training session**
  Please distribute this widely, as everyone is encouraged to attend. Each Faculty is strongly encouraged to **send a representative** to receive training:

  1. **Intermediate Workshop (1:00-2:30pm):** Introduction to SciVal, followed by a brief introduction of the tool (how to connect, main feature, etc).
  2. **Advanced Training (2:30-4:30pm):** In-depth training session, with different product features and more details on the different metrics.

  Please RSVP by July 6, 12:00pm (noon), and indicate if you will be attending one or both of the sessions. **Note: if you had not attended the intro session in April, please attend the intermediate workshop prior to taking the advanced training.**

  **Fort Gary Campus:** July 11, 2018, tentatively booked in the E3-262 EITC  
  **Bannatyne Campus:** July 12, 2018, A207 A&B Chown Building  
  **ORS Contact:** Jocelyne Gaudet, Projects Coordinator, Jocelyne.Gaudet@umanitoba.ca

- **CANARIE: Research Data Canada**
  In order to strengthen the culture of data stewardship in Canada, RDC offers webinars on subjects related to research data management, curation, and preservation. You are invited to their upcoming webinar: **GDPR and the Canadian Research Landscape.**

  **Event date:** June 28, 2018, 12:00pm (CST)  
  **ORS Contact:** Jocelyne Gaudet, Projects Coordinator, Jocelyne.Gaudet@umanitoba.ca

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Researchers must follow their unit’s new electronic grant submission process.

All proposals applied for must be accompanied by a **Funding Application Approval Form (FAAF)** and must follow the deadlines (unless otherwise posted).  

As a reminder, below are the ORS deadlines for submitting research proposals and FAAFs.

For large, complex grant applications (e.g., tri-agency major programs, those that require matching funds and/or additional institutional support, etc.)

- 10 working days in advance of agency deadline

For other regular and/or ‘rolling’ and one-time grants:

- 5 working days in advance of agency deadline
- If the funding opportunity is not posted in our ORS Funding Opportunities Database the default requirement is 3 working days in advance of the agency deadline

Also as a reminder, researchers should work with the University’s Research Facilitators early in the proposal development stage.

For more information on ORS procedures and who to contact, please visit the ORS Website at [http://www.umanitoba.ca/research/ors](http://www.umanitoba.ca/research/ors)