

# Student Research News e-bulletin

October 8, 2021

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## Funding Opportunities & Awards

### New Funding Opportunities:

#### [Parkinson's Disease Foundation Summer Student Fellowship](#)

**Deadline: 08-Dec-21**

**Amount: \$4,000 stipend + \$1,000 travel**

The Summer Student Fellowship supports undergraduate and medical students in their pursuit of Parkinson's-related summer research projects. Awardees must identify and work under the supervision of a mentor who is an expert in the Parkinson's community. The summer fellowship is offered for 10 weeks of clinical or laboratory work with a stipend of \$4,000. Upon completion of the project, fellows are invited to apply for up to \$1,000 in travel funds to attend a related scientific conference to present their research. Check the website hyperlinked above for more information on application materials.

#### Funding Reminders:

Deadline	Award
15-Nov-21	CHS Summer Studentships in Inherited Bleeding Disorders Research

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## Events

### Upcoming Events:

**12-Oct-21 12:00—1:00pm (Virtual)**

**[2021-2022 Women's Health Seminar Series: "Sex Differences in Metabolic and Vascular Contributions to Dementia"](#)**

Presenter: Dr. Kristen Zuloaga, Assistant Professor, Albany Medical Center. Kristen is an Assistant Professor of Neuroscience at Albany Medical College. Kristen obtained her PhD in Biomedical Sciences in 2011 and has been trained by leaders in the fields of neuroendocrinology (Dr. Robert Handa), cerebral vascular physiology and cerebral ischemia (Dr. Nabil Alkayed and Dr. Rayna Gonzales), aging and neurogenesis (MacArthur Fellow Dr. Sally Tempe). She serves as both Council member and Education co-Chair for the Organization for the Study of Sex Differences and on the Editorial Board for Biology of Sex Differences. She is deeply committed to mentorship and is Co-Founder/Co-Director of the Albany Postdoctoral Development Program.

**14-Oct-21 9:00—11:00am (Virtual)**

**[Biomedical Imaging and AI Fall Research Showcase](#)**

The Biomedical Imaging and AI cluster invites you to our Fall Research Showcase. The Research Showcase aims to expose participants to BMIAI's research activities and provide a platform for engagement and collaboration. The day will include: Lightning Talks by BMIAI Members, Virtual Video presentations exhibiting BMIAI members' work, Official Launch of the BMIAI Repository. The goal of the showcase is to encourage knowledge exchange and support engagement and collaboration, so join us on October 14th to learn more about the work being done by our consortium!

**14-Oct-21 12:30—2:00pm (Virtual)**

**[Online Colloquium with Dr. Anthony Ong](#)**

Dr. Anthony Ong holds appointments at Weill Cornell Medical College and at Cornell University, where he is a professor of psychology and director of the Human Health Labs. He received his Ph.D. in developmental psychology from the University of Southern California and completed his postdoctoral training in adult development and aging at the University of Notre Dame. His research and teaching contributions have been recognized with the Springer Early Career Achievement Award in Research on Adult Development and Aging from Division 20 of the American Psychological Association (APA), the Margret M. and Paul B. Baltes Early Career Award in Social and Behavioral Gerontology, and the Merrill Presidential Scholar Award for Teaching. He is the co-editor of *Emotion, Aging, and Health* and the *Oxford Handbook of Methods in Positive Psychology*. Dr. Ong is an elected fellow of the Gerontological Society of America, and currently serves on the scientific advisory board of the National Institutes of Health (NIH) Network for Emotional Well-Being. His research has been supported by the NIH, John Templeton Foundation, and the RAND/Hartford Foundation.

**14-Oct-21 1:00—2:00pm EST (10:00am-11:00am PST) (Virtual)**

**[INOVAIT Lecture Series: Regulation of AI in Healthcare](#)**

In this lecture, Michaela will discuss the regulation of digital technologies and software as a medical device (SaMDs). In today's digital world, e-health interventions and software play a significant role in healthcare management and delivery. The regulation of these technologies differs significantly from traditional medical devices and requires a more streamlined regulatory oversight. This session will provide participants with a fundamental understanding of the standards and guidelines of regulations for SaMDs and AI-based medical technologies.

**18-Oct-21 5:00—6:00pm (Virtual)**

**[Building Bridges Seminar Series: MD/PhD Seminar with Dr. Melanie Murray](#)**

Dr. Melanie Murray is an assistant professor in the Department of Medicine at UBC. She is also an infectious disease specialist in HIV care at BC Women's Oak Tree Clinic, and an Infectious Diseases Specialist and Staff Physician at St. Paul's Hospital, Vancouver. Dr. Murray earned a bachelor's degree in science, as well as a medical degree and a PhD at the University of Manitoba in microbiology. She completed an infectious disease fellowship and an internal medicine residency

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at UBC. Dr. Murray will talk about her training background, career path and current work. She will also share her recommendations for clinician-scientist trainees.

## **20-Oct-21 12:00—1:00pm (Virtual)**

### **Work in Progress Seminar: Dr. Bohdan Nosyk: Emulating target trials to strengthen the evidence base for the clinical management of opioid use disorder**

In 2016, following a dramatic increase in opioid-related overdose deaths, the province of British Columbia (B.C.), Canada declared a public health emergency. Opioid agonist treatment (OAT) is among the most effective tools available to combat the epidemic. However, OAT uptake and retention is sub-optimal in B.C. and internationally, compromised largely by social and structural factors, but also deviations from evidence-based standards of care and fragmented care, particularly for those with concurrent disorders. Furthermore, a number of aspects of Canadian and U.S. clinical guidelines for the management of opioid use disorder are based on limited and low-quality evidence. This proposal aims to apply cutting-edge methods for causal inference in emulating a series of 'target trials' using B.C.'s extensive population-based linked administrative databases. The target trial framework channels counterfactual theory in providing a flexible basis for comparing the effects of treatment and clinical management strategies on either an intent-to-treat or per-protocol basis.

## **21-Oct-21 12:00—1:00pm (Virtual)**

### **Science, Abortion & the Effectiveness of Adolescent Medical Transition**

It is sometimes argued that adolescent medical transition is ineffective and unethical because its mental health benefits are unproven. Drawing an analogy to reproductive healthcare, Florence Ashley (they/them) argues that this misrepresents how we justify definitional medical interventions — that is, interventions that are sought for their own sake as an instrument of self-definition and autonomy over fundamental aspects of personal identity. Understood as definitional medical care, adolescent medical transition is effective if it brings about the desired physiological changes and is ethical unless proven overwhelmingly harmful. Florence Ashley, BCL/JD, LL.M (Bioeth) is a transfeminine jurist and bioethicist based in Toronto, where they are a doctoral student at the University of Toronto Faculty of Law and Joint Centre for Bioethics. Their doctoral project examines how science is deployed and used within the legal system to simultaneously bolster and undermine trans youth's autonomy. Their research is supported by a SSHRC Joseph-Armand Bombardier Doctoral Scholarship. Prior to their doctoral studies, they served as clerk to Justice Sheilah Martin of the Supreme Court of Canada (2019-2020), being the first openly transfeminine person to clerk at the highest court. Prior to clerking, they completed degrees in civil law and common law followed by a master's in law and bioethics at McGill University. Florence's book, *Banning Transgender Conversion Practices: A Legal and Policy Analysis*, is forthcoming with UBC Press. They are @ButNotTheCity on Twitter.

## **21-23 Oct-21 ~10:30am—8:00pm EST (Virtual) \$150 for students**

### **Canadian Society of Addiction Medicine (CSAM) 2021 Scientific Conference**

The CSAM-SMCA 2021 Scientific Conference is Canada's premier online education and networking event for addiction medicine practitioners. This three-day virtual conference offers unrivalled access to relevant, curated, industry-leading addiction medicine education including scientific research, best practices, and evidence-based intervention, care and treatments. An important professional networking event for addiction medicine practitioners, the conference also aims to encourage the sharing of diverse perspectives on addiction treatment and recovery. Attendees build authentic relationships that support them in their efforts to work with and advocate for people living with addictive disorders.

## **25-Oct-21 12:00—1:00pm (Virtual)**

### **2021-2022 Women's Health Seminar Series: "Menstrual Cycle is a Vital Sign. Period."**

Presenter: Dr. Sofia Ahmed, Professor, Libin Cardiovascular Institute, University of Calgary and Alberta Health Services. Dr. Sofia Ahmed is a Professor in the Department of Medicine, Cumming School of Medicine at the University of Calgary. She is the Vice-Chair of Research for the Department of Medicine at the University of Calgary, a nephrologist and clinician-scientist with a focus on sex differences in human cardiovascular and kidney physiology and outcomes. Dr. Ahmed is an Advisory Board member for the Canadian Institutes of Health Research (CIHR) Institute of Gender and Health, the Education Chair for the Organization for the Study of Sex Differences and is the Sex and Gender Champion of the CIHR-funded Canadians Seeking Solutions and Innovations to Overcome Chronic Kidney Disease (Can-SOLVE CKD), a pan-Canadian patient-oriented

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kidney research network. She completed her MD and internal medicine residency at the University of Toronto and a nephrology fellowship at Brigham and Women's and Massachusetts General Hospitals in Boston. She completed her Master's in Medical Sciences at Harvard University. Dr. Ahmed is a strong proponent of the importance of mentorship and fostering excellence in the next generation of kidney and cardiovascular researchers.

## 25-Oct-21 2:00—3:45pm (Virtual)

### 2021 Vancouver Gairdner National Symposium

The Vancouver Gairdner High School & National Symposium is held each fall to give students, teachers, and the academic community the opportunity to hear from two Gairdner award-winning scientists and learn about the BC Children's Hospital's research facilities. Our 2021 Vancouver Gairdner presenters will be: Dr. Mary-Claire King, Recipient of the 2021 Canada Gairdner International Award: "For transforming cancer genetics and oncology with the discovery of inherited susceptibility to breast cancer due to mutation of the BRCA1 gene". Dr. Daniel J. Drucker, Recipient of the 2021 Canada Gairdner International Award: "For research on glucagon-like peptides that has led to major advances in the treatment of Type 2 diabetes, obesity and intestinal disorders".

## Ongoing Events:

Date	Time	Where	Seminar	Affiliation
<b>Mondays</b>	12:00-1:00pm	In-person	Comparative Physiology Invited Speaker Seminar	Department of Zoology
<b>Mondays</b>	12:00-1:00pm	Virtual	Women's Health Seminar Series	Women's Health Research Cluster
<b>Wednesdays</b>	4:00-5:00pm	Virtual	Evening Comparative Physiology Seminar	Department of Zoology
<b>Wednesdays</b>	12:00-1:00pm	In-person	Biodiversity Research Seminar Series	Department of Zoology
<b>Wednesdays</b>	8:00-9:30am	Virtual	Neuroscience Grand Rounds Schedule	Department of Neurology
<b>Wednesdays</b>	11:00-12:00pm	Virtual	Centre for Blood Research Virtual Seminar Series	Centre for Blood Health
<b>Thursdays</b>	12:45-1:45pm	Virtual	Department of Cellular & Physiological Sciences Clee Memorial Seminar Series	Department of Cellular & Physiological Sciences
<b>Fridays</b>	3:00-4:00pm	In-person or Virtual	BLISS: Biodiversity Legendary Internal Seminar Series	Department of Zoology
<b>Fridays</b>	11:00-12:00pm	In-person or Virtual	Neuroscience Research Colloquium	Djavad Mowafaghian Centre for Brain Health

## Other Research Opportunities

### New Announcements:

#### Third Annual Tri-Cluster Research Day- call for abstract submissions

**Submission deadline: Oct 24<sup>th</sup>, 2021**

**Event: Nov 26<sup>th</sup>, 2021 9am-12:30pm (Virtual)**

Presented by UBC's [Women's Health, Data Science & Health](#), and [Biomedical Imaging & AI](#) clusters, our committee is pleased to invite you to the [3rd Annual Tri-Cluster Research Day](#). Join us for a morning of multi-disciplinary conversations, presentations, and more. The day will include:

- Virtual Poster presentations exhibiting students' work
- Virtual Lightning-Round presentations by the top 10 abstracts
- Brainstorming Session for collaborative team grants

The Tri-Cluster Research Day's objective is to provide a setting for faculty and students to identify current research projects that relate to their work and facilitate the co-creation of new research ideas. All members of the DASH, Women's Health and BMIAI communities (students, residents, postdocs, faculty, and staff) are invited to submit abstracts for oral and poster

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presentations. Abstract submissions are due **October 24th, 2021**. More details and submission instructions can be found on the website: <http://ow.ly/4Z7750G1Fr8>

## **Announcement Reminders:**

**[UBC Medical Journal Spring 2022 Issue: Spotlight Medicine- Call for Submissions](#)**

**Application deadline: Oct 22<sup>nd</sup>, 2021**

**[Free Statistical Assistance via STAT 551- Call for Applications](#)**

**Application deadline: Oct 31<sup>st</sup>, 2021**

**[RHSRNbc Rural Health Research Knowledge Hub](#)**