

# Student Research News e-bulletin

March 11, 2022

<http://www.med.ubc.ca/srn>

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## Funding Opportunities & Awards

### New Funding Opportunities:

**UBC FoM Multidisciplinary Research Program in Medicine (MRPM)- Applications now open**

**Deadline: 21-Mar-22**

**Amount: \$8,400 for non-MD students; \$3,200 for MD students**

The Faculty of Medicine is excited to announce that the Multidisciplinary Research Program in Medicine (FoM MRPM) is relaunching for Summer 2022. The aim of this program is to facilitate and fund interdisciplinary and multidisciplinary research at UBC. Students and supervisors apply separately. Students do NOT need to come up with their own research project as they will be assigned a project, if successful. Each project will receive up to three students, two non-MD undergraduate students (in their second year or higher) for 16-weeks (\$8,400 student stipend) and one optional first-year MD student for 8-weeks (\$3,200 student stipend).

**Student applications open mid-February, 2022.** The deadline for students to apply is March 21<sup>st</sup>, 2022.

For contact information, program procedures, and a link to the online application form, please see the [website](#). Questions can be addressed to email: [med.studentresearch@ubc.ca](mailto:med.studentresearch@ubc.ca).

**Child Neurology Foundation Neurodevelopmental Disabilities Summer Research Scholarship**

**Deadline: 11-Apr-22**

**Amount: \$3,500**

The Child Neurology Foundation is offering one summer clinical research scholarship for a first- or second-year MD student at a US or Canadian university interested in the field of neurodevelopmental disabilities (NDD) in children. The successful applicant will receive a scholarship of \$3,500 to support a summer research project under the mentorship of a child neurology/NDD specialist. Please visit the website for more information.

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## Have a Heart Bursary Program

**Deadline: 04-May-22**

**Amount: Conference Attendance**

The Have a Heart Bursary Program is for medical students interested in cardiovascular sciences. Awardees are invited to participate in the annual Canadian Cardiovascular Congress (CCC) which draws physicians, researchers, trainees, and other cardiovascular professionals from around the globe. Awardees will receive roundtrip air or ground travel to Ottawa to attend the CCC, hotel accommodation in Ottawa, and complementary registration to the CCC. Please note that you must create an account in order to apply. Visit the website for more information.

## **Funding Reminders:**

Deadline	Award
11-Mar-22	<a href="#">UBC Centre for Blood Research Summer Studentship Program</a>
11-Mar-22	<a href="#">BC Mental Health and Substance Use Services Research Summer Studentship</a>
15-Mar-22	<a href="#">University of Colorado Health Innovations Scholars Program</a>
15-Mar-22	<a href="#">Society of Hospital Medicine: Student Hospitalist Scholar Grant</a>
18-Mar-22	<a href="#">SBME Synergy Summer Studentship</a>
21-Mar-22	<a href="#">UBC FoM Multidisciplinary Research Program in Medicine (MRPM)</a>
25-Mar-22	<a href="#">Canadian Rheumatology Association Summer Studentship Programs</a>
01-Apr-22	<a href="#">Molly Towell Perinatal Research Foundation</a>
11-Apr-22	<a href="#">Child Neurology Foundation Neurodevelopmental Disabilities Summer Research Scholarship</a>

## **Events**

### **Upcoming Events:**

**16-Mar-22 12:00-1:00pm (Virtual)**

#### [Work in Progress Seminar: Stroke after surgery: Characterizing outcome and management of an uncommon perioperative complication](#)

Perioperative stroke affects 0.1–2% of patients having surgery and full recovery is infrequent. Although the incidence of myocardial infarction and injury is decreasing, the risk of perioperative stroke increased nearly 50% between 2004 and 2013. Current evidence suggests that patients who experience a perioperative stroke do poorly, more so than those who have stroke outside the surgical context although this remains poorly characterized. Perioperative strokes are often recognized in a delayed fashion with less frequent intervention likely due to low awareness amongst providers and the residual effects of anesthesia and surgery, which likely results in poorer outcomes. Our research aims to understand predictors of outcome in this population to guide management and level of intervention, and identify potentially modifiable factors.

In this Work in Progress Seminar, we will provide an overview of the current evidence characterizing stroke after surgery, including gaps in knowledge. We will present our preliminary analysis of over 20,000 perioperative stroke patients in the National Surgical Quality Improvement Program database, a large, prospectively collected multicenter database of surgical patients. We will describe the characteristics and outcomes of those who experience a perioperative stroke, including mortality, complications, length of stay, and discharge to a non-home facility. We will focus on mediators of mortality risk such as anesthetic technique and repeat surgery. Finally, we will discuss next steps to externally validate our model and define differences in outcome between perioperative and non-perioperative stroke using linked population databases in B.C., including use of newer therapies such as endovascular thrombectomy.

**19-20-Mar-22 All Day (Hybrid)**

#### [Multidisciplinary Undergraduate Research Conference \(Register by Mar 17th\)](#)

Looking to get involved in research? Want to learn more about research being done by undergraduate students at UBC? Attend the **2022 Multidisciplinary Undergraduate Research Conference** from **March 19 – 20, 2022** and explore 290+

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presentations on student research that is happening at UBC. Registration to attend the conference is free – [RSVP here](#) by **March 17<sup>th</sup>** or check out the [website](#) for more information.

Contact [undergraduate.research@ubc.ca](mailto:undergraduate.research@ubc.ca) for further questions

## 21-Mar-22 5:30-7:00pm (Virtual)

### Masculinity, mental health, and men's relationships

Join our panel exploring masculinity, men's mental health and men's relationships hosted by the UBC Reducing Male Suicide Cluster and SVPRO Okanagan Healthy Masculinities. We'll be discussing masculinity and mental health and illness in relation to men's intimate, friendship, and therapeutic relationships.

## 03-Apr-22 All Day (Hybrid; UBC Robson Square/Zoom)

### The 11th Annual Norman Bethune Symposium

The Norman Bethune Symposium highlights recent research in bleeding and thrombosis, with participation from a range of scientists and clinicians at all levels of training. Presentation opportunities are available to undergraduate students, graduate trainees, postdoctoral fellows, clinical fellows, and research associates.

## Ongoing Events:

Date	Time	Where	Seminar	Affiliation
<b>Mondays</b>	12:00-1:00pm	See Website	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	See Website	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 Cleo Memorial Seminar Series	Department of Cellular & Physiological Sciences
<b>Fridays</b>	3:00-4:00pm	See Website	BLISS: Biodiversity Legendary Internal Seminar Series	Department of Zoology
<b>Fridays</b>	11:00- 12:00pm	See Website	Neuroscience Research Colloquium	Djavad Mowafaghian Centre for Brain Health

## Other Research Opportunities

### New Announcements:

#### Research Project Opportunity: Call for Applications

**Deadline: 01-Apr-22**

I'm a Pediatrics Resident at BC Children's Hospital looking to recruit 1-2 students on a research project entitled "Experimental models of bone marrow failure: a systematic review." This project would entail a literature review of various experimental models that exist on bone marrow failure syndromes with the goal of publishing a meaningful review on this area. This opportunity would likely suit individuals with a keen interest and/or background in basic science and hematology/oncology. In addition to bringing my own research background in hematopoiesis, I am keen on mentoring individuals along paths of both clinical medicine and/or research with a focus on pediatrics. If interested, please send a letter of interest, CV and transcript to [derek.chan@bcchr.ca](mailto:derek.chan@bcchr.ca) by April 1, 2022.

#### UBC Medical Journal: Call for Submissions

**Deadline: 14-Mar-22**

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UBC Medical Journal is excited to announce that our Fall 2022 issue will be themed “Ripple Effects”. Our call for submissions is now open!

The COVID-19 pandemic has highlighted several health concerns while creating significant short-term and long-term challenges for our public and private institutions. Challenges to mental health, the opioid crisis, access to healthcare resources and climate change are critical issues that have been impacted by the pandemic, and require prompt and innovative solutions. We are inviting authors to discuss their cutting-edge research and contribute their thoughts and ideas on the challenges our society will face beyond the pandemic.

To submit a manuscript, visit <https://ubcmj.med.ubc.ca/>. Be sure to read the submission guidelines!

## **Multidisciplinary Undergraduate Research Conference: Call for Adjudicators**

**Deadline: 11-Mar-22**

The [Multidisciplinary Undergraduate Research Conference](#) (MURC) is looking for adjudicators to evaluate presentations! The conference will be held virtually and in person on **March 19-20, 2022**. If you are interested in adjudicating or know anyone else who may be, please fill out the [adjudicator application form](#) by **Friday, March 11 at 11:59 PM**.

## **Announcement Reminders:**

### **Summer Student Opportunity: Call for Applications**

**Deadline: 31-Mar-22 (email [adrian.yee@ubc.ca](mailto:adrian.yee@ubc.ca))**

**Amount: \$3,200**

### **Radiology Resident and Fellow Research Day: Call for Abstract Submissions**

**Abstract Deadline: 15-Apr-22**

**Event: 11-May-22**