

# Student Research News e-bulletin

February 11, 2022

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

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Canadian Anesthesiologists' Society Medical Student Essay Contest: Call for Submissions  
11th Annual Norman Bethune Symposium: Call for Abstracts

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## Funding Opportunities & Awards

### New Funding Opportunities:

#### [UBC Department of Pathology and Laboratory Medicine Summer Student Fellowship Program](#)

**Deadline: 07-Mar-22**

**Amount: \$4,545**

UBC's Department of Pathology and Laboratory Medicine offers summer student fellowships for MD and non-MD undergraduate students to gain clinical or research experience in laboratory medicine under the supervision of the department's faculty. Successful applicants will receive an award of \$4,545 for two months of full-time work during the summer (May – August). As students must apply with a prospective supervisor already identified, a Permission-to-Contact list of faculty members will be posted on the website. Please visit the website for more information.

#### [University of Colorado Health Innovations Scholars Program](#)

**Deadline: 15-Mar-22**

**Amount: \$2,000**

The Health Innovations Scholars program funds eight pre-clinical medical students to participate in an intensive training program to lead innovative transformation of American healthcare. Due to COVID restrictions, this program may be put on hold; however, applications are still being accepted until March 2022. Participants will receive a stipend of \$2,000, with the program covering travel costs partially for students enrolled in medical schools outside of Colorado. Note that students travelling from Canada may not be fully funded for travel as the program has limited resources. All programs are located on the Anschutz Medical Campus at University of Colorado, Denver. Please visit the website for further information.

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## Society of Hospital Medicine: Student Hospitalist Scholar Grant

**Deadline: 15-Mar-22**

**Amount: \$5,000 student stipend and up to \$1,500 in travel expenses**

A total of 10 awards are being offered by the Society of Hospital Medicine (SHM) to applicants who show exceptional ability and interest in hospital medicine. This award is for medical students who must identify a mentor who is a current and active SHM member. Check the website for eligibility requirements. Note that the applicant must apply in advance to become a member of the SHM (membership is free for MD students). Awardees will receive \$5,000 for an 8- to 10-week summer research project. Additionally, up to \$1,500 will be reimbursed to the student for travel-related expenses to attend the annual SHM Hospital Medicine conference.

## UBC FoM Multidisciplinary Research Program in Medicine (MRPM)

**Deadline Extended: 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 late-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).

## Funding Reminders:

Deadline	Award
11-Feb-22	Canadian Society for the History of Medicine Hannah Summer Studentship
14-Feb-22	Canadian Celiac Association Dr. J.A. Campbell Young Investigator Award
15-Feb-22	UBC FoM Summer Student Research Program
15-Feb-22	American Society of Hematology (ASH) Hematology Opportunities for the Next Generation of Research Scientists
15-Feb-22	UBC Faculty of Pharmaceutical Sciences Summer Student Research Program
21-Feb-22	Alex's Lemonade Stand Foundation Pediatric Oncology Student Training (POST) Program
28-Feb-22	SAGES Medical Student Summer Research Award
01-Mar-22	American Osler Society William B. Bean Student Research Award
10-Mar-22	FoM Natural Sciences & Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award
11-Mar-22	UBC Centre for Blood Research Summer Studentship Program
11-Mar-22	BC Mental Health and Substance Use Services Research Summer Studentship

## Events

### Upcoming Events:

16-Feb-22 7:00pm—9:00pm (The Great Hall, AMS Student Nest (6133 University Blvd, Vancouver, BC))

### The 3rd Annual Biomedical Engineering Industry Night

The 3rd annual Biomedical Engineering Industry Night invites students, faculty members, and professionals to an evening of professional discussion and networking. This event showcases talent from UBC's School of Biomedical Engineering and

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experts from the BC Biomedical Engineering Industry in a professional atmosphere. The event allows companies to interact with talented undergraduate and graduate students in biomedical engineering.

## **16-Feb-22 12:00pm—1:00pm (Virtual)**

### **Work in Progress Seminar Series: Dr. Alastair Younger: Opportunities for the future in musculoskeletal research; Understanding arthritis and bone healing**

These are exciting times in musculoskeletal care. Growth factors and stem cell research is beginning to shed light on the progression of degenerative joint disease, and the ability for bone and skin to heal. Bone healing (the ability of fractures to heal, joint prosthetics to heal to bone, and surgical fusion of bone) is driven by growth factors and stem cells. From the perspectives of patient-reported outcomes and revision surgery (system cost), the failure of bone healing and failure of skin healing account for the majority of adverse events. Progression of arthritis drives the need for surgery in the first place. In this presentation, we will discuss the current knowledge of growth factors and stem cells in the progression of arthritis, and stimulation of bone and skin healing. We will also discuss the potential of the new St. Paul's Hospital, where we have the opportunity to design a multidisciplinary team to address these issues by combining basic science, outcomes research, recording of adverse events, and imaging (MR and CT) to further our knowledge of musculoskeletal disease and healing. To date, research by the foot and ankle team at St. Paul's has resulted in a randomized controlled trial (RCT) in bone healing, researching screw design. Future studies being discussed include an RCT of graft and no graft in midfoot fusions, looking at healing rates. Prior RCTs have looked at two growth factors (beta 2 peptide and recombinant platelet derived growth factor or PDGF), showing early promising results.

## **16-17-Feb-22 all day (Virtual) \$29 for students**

### **Building on Excellence: A Vibrant Future for BC Life Sciences**

2022 will mark the 7th Annual Access to Innovation Conference, bringing together all stakeholders in the life sciences sector. The conference brings together leaders from across academia, research, health institutions, government, and industry. Broadly, the aim of the conference is to provide a venue for dialogue on topics of relevance to life sciences from scientific discovery, emerging trends, innovation, economic impact, translational science, and policies to advance the sector.

## **17-Feb-22 12:00pm—1:00pm (Virtual)**

### **Community-led Solutions: Advancing Equity and Justice in Perinatal Services**

Poor access to respectful care has emerged as a critical factor associated with adverse health outcomes. Recent research highlights that historically oppressed and marginalized populations are more likely to experience barriers and mistreatment when accessing or receiving care. People with lived experiences of care are increasingly acknowledged as the "experts" who are best positioned to inform patient-oriented, community-responsive research, knowledge translation, and quality improvement. Dr. Vedam's community participatory action research projects aim to study perinatal services through an equity lens. In her current national study, RESPCCT, over 6000 service users with a broad range of identities, circumstances and backgrounds, report on their experiences of respectful, kind, exceptional care as well as discrimination, disrespect and mistreatment during childbearing care. Dr. Vedam will discuss emerging findings along four themes: anti-oppressive policy and practice; access to culture-centered care; person-centred quality measurement; and restorative, reproductive justice.

## **22-Feb-22 12:00pm—1:30pm (Virtual)**

### **Let's Talk About Sex (and Gender)**

Gender and sex are complicated, and yet are often treated as though they are neat and simple. Oversimplifying these complicated factors often results intersex, trans, non-binary and Two-Spirit people being altogether erased from curriculum in medical education, or being treated as rare exceptions whose health care needs are limited to a few specific fields. As part of the It Starts With Us series, we will be hosting Dr. Mei-ling Wiedmeyer and Dr. A.J. Lowik, who will share some background learnings that set the stage for an ongoing curriculum audit funded by the UBC Faculty of Medicine Strategic Investment Fund. The audit is assessing ways to better equip future generations of doctors with the language, skills, values, and knowledge to better serve the needs of all patients, especially intersex, trans, non-binary and Two-Spirit patients. In this virtual session, they will identify some of the important concepts for faculty, staff, tutors, preceptors, and others to understand, and to continue UBC's leadership in equity-oriented care and education.

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## 01-Mar-22 12:00pm—4:00pm (Virtual)

### [Faculty of Medicine 2022 Spring Virtual Research Showcase](#)

Faculty of Medicine is organizing the 2022 Spring Virtual Research Showcase on March 1, 2022. This event will bring members of the Faculty of Medicine together to share and learn the diverse and innovative research work of graduate students, fellows, and recent senior faculty prize awardees.

## 10-Mar-22 5:30pm—7:00pm (Virtual)

### [Through Pregnancy and Beyond: Exploring Perinatal Health and Wellness](#)

Join us for a FREE virtual public event on March 10th at 5:30pm PST. This event will feature presentations on perinatal health and wellness from our exciting lineup of experts in the field, including Dr. Cindy Barha, Dr. Chelsea Elwood, Dr. Nichole Fairbrother, and Dr. Deborah Money. Zoom details will be delivered to all registered guests so you can engage directly with our experts in a live Q&A. The event will also be streamed live via the Women's Health Research Institute Facebook page.

## 10-11-Mar-22 all day (Virtual)

### [Putting Patients First 2022: Listening, Learning, Collaborating and Changing](#)

Putting Patients First is our annual conference designed to encourage learning and collaboration between patients interested in patient-oriented research (POR), health researchers, health care providers and health system decision makers.

[Click here](#) to register

For more information PPF22, please see website above.

## 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

### Announcement Reminders:

#### [Canadian Anesthesiologists' Society Medical Student Essay Contest: Call for Submissions](#)

Deadline: Feb 11<sup>th</sup>, 2022

#### [11th Annual Norman Bethune Symposium: Call for Abstracts](#)

Deadline: Mar 4<sup>th</sup>, 2022

Event: Apr 6<sup>th</sup>, 2022