

Student Research News e-bulletin

September 9, 2022

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

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Funding Opportunities & Awards

New Funding Opportunities:

So you want to do research this summer...

Deadline: As early as October

Amount: varies

The majority of funding deadlines for summer research opportunities occur between January-March, but a few targeted opportunities may have deadlines in the fall. You don't need to panic yet, but if you are hoping to participate in a research project this summer start thinking about funding sooner rather than later. If you wait until spring to start looking for funding you may be too late. We will post upcoming funding opportunities in the SRN e-bulletin but for information on UBC-related ongoing funding opportunities or tips for finding your own funding opportunities visit the student research website: <https://www.med.ubc.ca/current-learners/research/>. For most funding opportunities, you will need to find your own supervisor and the sooner the better. Find out more about how you can find a supervisor here: <https://www.med.ubc.ca/current-learners/research/find-a-supervisor/>.

SMSNA Scholars in Sexuality Research Grants

Deadline: 10-Oct-22

Amount: \$5,000

The Sexual Medicine Society of North America (SMSNA) Scholars in Sexuality Research Grants Program supports young investigators undertaking qualifying sexuality research and encourage individuals to become interested in sexuality research and make it a focal point of their careers. Funding is available to support for graduate students, medical students, residents, and post-doctoral or post-residency fellows. Because sexual medicine is a multi-disciplinary field and sex impacts almost

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every aspect of human endeavor in some way, we encourage applications from aspiring researchers representing diverse backgrounds including but not limited to urology, psychology, psychiatry, gynecology, internal medicine, geriatrics, public health, physiology, genetics, molecular biology, social work, and law. Maximum award amounts for medical students is \$5,000.

3M National Student Fellowship

Deadline: internal deadline typically early January but apply ASAP

Amount: up to \$25,000 in project funding

The 3M National Student Fellowship honours up to ten full-time undergraduate students at Canadian institutions who have demonstrated outstanding leadership in their lives and at their college or university. Awardees will receive \$5,000 to be spent at their discretion. Each awardee will also be invited to attend the annual conference of the Society for Teaching and Learning in Higher Education, where they will also participate in a 3M National Student Fellowship Program retreat. Applicants must be enrolled in their first undergraduate program, and may not be in their first or last year of study. MD students who have not completed a prior degree may be eligible – but must complete their applications carefully to make their eligibility clear to the adjudication committee.

The application process for these awards is extensive and required that the Vice President, Students review the completed package. Please contact the VP students office to confirm their internal deadline (<https://vpstudents.ubc.ca/contact>). Note that obtaining approvals/signatures can take several weeks. MD and Faculty of Medicine students can contact the FoM Student Research Coordinator if they require assistance obtaining approval or have questions about the application process (med.studentresearch@ubc.ca). Please contact as far in advance of the deadline as possible.

CHS Summer Studentships in Inherited Bleeding Disorders Research

Deadline: 15-Nov-22

Amount: \$6,000

The Canadian Hemophilia Society will support interested medical or science undergraduate students to work for up to 4 months during the summer of 2023 on a research project relevant to inherited bleeding disorders. A stipend of \$6,000 will be offered to the successful candidate. Applicants must be Canadian citizens or permanent residents. Medical and science undergraduate students in any year of training are eligible to apply. Note that although applications are submitted electronically, some documents must be mailed. See the website (hyperlinked above) for complete eligibility and application instructions.

Events

Upcoming Events:

15-Sep-22 4:00— 7:00pm (Vancouver Convention Centre West Building)

Genome BC Dox Rix 2022 Distinguished Keynote Address: Dr. Carolyn Hogg: Biodiversity conservation in the age of extinction

Genome BC is thrilled to present Dr. Carolyn Hogg, co-lead of the Australasian Wildlife Genomics Group at the University of Sydney, Australia, as this year's speaker at the Don Rix Distinguished Keynote Address.

Dr. Hogg is a conservation biologist who has been working with threatened species for over twenty-five years. She will bring her wit, wisdom and a wicked collection of wildlife stories to the stage.

WHAT YOU'LL LEARN

- The three pillars of diversity that underpin all life on earth
- How severe forest fires and other environmental impacts resulting from climate change have over 1 million species facing extinction
- How genomics is an essential tool to preserve biodiversity
- The existing gaps in genomic resources for wildlife conservation
- Ways an innovative coalition is integrating genomics into species recovery

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- And about her incredible work with Tasmanian devils and koalas

15-Sep-22 12:00— 1:00pm (Hybrid; 700-828 W 10th Ave. VGH Research Pavilion or Zoom)

Indigenous health system research: Decolonizing methods and community-driven action

Learning objectives:

- Discussion of medical colonialism and context of colonial history of research
- Decolonizing and Indigenous-led methods of research
- Moving towards community and Indigenous driven action on health system transformation
- Discussion of decolonizing data and the need for Indigenous representation in research

15-Sep-22 4:00— 7:30pm (Blusson Spinal Cord Centre)

Meet ICORD

ICORD's Trainee Committee invites you to a networking event geared towards trainee career development with a focus on lived experience. This event will facilitate two-way learning with equal opportunity for researchers and community members to share their knowledge.

Local and visiting trainees, principal investigators, researchers and people with lived experience who are attending the International Spinal Cord Society Annual Scientific Meeting (ISCoS) or are affiliated with ICORD are welcome. This free event is happening the day before ISCoS starts, and will feature short presentations, demonstrations, tours and refreshments.

15-Sep-22 6:00— 9:10pm (Hybrid: Italian Cultural Centre or Zoom)

CSHP-BC Branch Clinical Symposium 2022

We are delighted to connect with you at the **Clinical Symposium on Thursday, September 15th, 2022** evening! For more information, click [here](#) for the CS 2022 Brochure

We are delighted to invite the following speakers who will be presenting:

- **Perioperative Anticoagulation Considerations** – by **Dr. Eric Chu**, Clinical Pharmacy Specialist – Cardiac Surgery, Vancouver General Hospital
- **Easing the Pain of Opioid Tapering** – by **Dr. Karen Ng**, Clinical Pharmacy Specialist – Opioid Stewardship, Fraser Health Authority
- **What Medications Actually Work for Patients with Heart Failure WITHOUT Reduced Ejection Fraction?** – by **Dr. Ricky Turgeon**, Assistant Professor, University of British Columbia; Clinical Pharmacy Specialist, PHARM-HF Clinic, St. Paul's Hospital

16-Sep-22 1:00— 5:00pm (Virtual) \$99 to register

2022-2023 CME on the Run! Internal Medicine

Our popular and award-winning series of short and focused sessions, CME on the Run! 2022-2023, will be offered virtually again this year from Sept. 2022 to May 2023. The UBC Department of Family Practice and UBC CPD are excited to introduce our next series of lectures and incredible speakers. The virtual CME on the Run! 2022-2023 is for health-care professionals who want short and focused sessions to keep updated on the latest evidence and best practices in patient care. Sessions run virtually over six Friday afternoons (Sept. 16, Oct. 21, Dec. 2, Jan. 27, March 3 and May 12) from 1 to 5 p.m. and cover eight talks in 3.5 hours with plenty of time for questions and answers.

15-18-Sep-22 All Day (Hybrid: Vancouver Convention Centre or Virtual) starting from \$125 to register

International Spinal Cord Society Annual Scientific Meeting 2022

The 61st International Spinal Cord Society Annual Scientific Meeting will bring together professionals from a variety of disciplines who share interest in prevention, research, management and rehabilitation of people with spinal cord injury. The educational programme will encourage these delegates to share knowledge and experience as they research the new innovations within their fields.

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19-Sep-22 4:30— 5:30pm (DM CBH Rudy North Lecture Theatre)

SEIZING HOPE: High tech journeys in pediatric epilepsy

Join Neuroethics Canada for a special screening of Seizing Hope: High Tech Journeys in Pediatric Epilepsy. Families with children suffering from pediatric drug-resistant epilepsy (DRE) face complex realities. In a world guided by the promises of technology, the goal of Seizing Hope is to raise awareness about the options offered by different technologies specifically for the brain in complement or as an alternative to treatment with medication. The directors and producers of this mini-documentary aim to empower and improve decision-making by exploring values and priorities through the lens of the families and doctors who care for them. Seizing Hope shares the stories of four families with children who have pediatric DRE to shed light on their hope, trust and empowerment journey.

21-Sep-22 12:00— 1:00pm (Hybrid: Hurlburt Auditorium at St. Paul's Hospital or Zoom)

Work in Progress Seminar: Dr. Carlo Barcella: Closing the gap in cardiac arrest survival among people with mental illness

Out-of-hospital cardiac arrest (OHCA) is a devastating medical condition burdened by very low survival at discharge (~10% in Western countries). Globally, around 800 million people live with a psychiatric disorder (~10% of the world population) and people with psychiatric disorders are at high risk of cardiovascular morbidity and mortality, including OHCA. Studies conducted in Denmark have shown an extremely low survival following OHCA in patients with psychiatric disorders with no recent improvements over the last several decades as seen in the overall population. Among the causes underlying their poor survival, a lower rate of bystander CPR and a lower probability of receiving optimal post-resuscitation, in-hospital cardiovascular management was observed compared with patients without psychiatric disorders.

Linking the BC Cardiac Arrest registry to multiple provincial datasets, we aim to replicate and compare data from BC with the Danish results. This represents a unique possibility of comparing prevention strategies, treatment, and management of OHCA in patients with psychiatric disorders from two different countries in two different continents. This seminar will provide an overview of the existing literature about OHCA treatment and outcomes in patients with psychiatric disorders compared to patients without psychiatric disorders and a presentation of an ongoing project in BC about this topic.

This is a hybrid event, you may attend in person or virtually. Please register and indicate your preference. Click here to register (required): <https://ubc.zoom.us/meeting/register/u5wsceuvpzstH9BwiaEiH9816-QIUwPVMkYG>

21-Sep-22 12:00— 1:00pm (Zoom)

CGSHE Speaker Series: Dr. Sofia Bartlett: Policy with people who are incarcerated

Dr. Sofia Bartlett will explore the evidence for sexually transmitted and blood-borne infection (STBBI) testing and linkage to care interventions in correctional centres, and discuss the need to provide person-centred, culturally safe and trauma-informed care for STBBIs in these settings. She will present the framework developed at the BC Centre for Disease Control to co-design health care policies and guidelines with people who are incarcerated, and demonstrate how this was applied in the You Matter Project to create guidance for providing STBBI testing and linkage to care for people who are provincially incarcerated in British Columbia.

Dr. Sofia Bartlett (she/her) is an Adjunct Professor in School of Population and Public Health, and is the Senior Scientist for STBBIs at the BCCDC. Dr. Bartlett is the co-director of the Canadian Collaboration for Prison Health and Education, and is a co-investigator with the CIHR Canadian HIV Trials Network, the Canadian Network on Hepatitis C and the BC Hepatitis Testers Cohort. Dr. Bartlett supports STBBI surveillance and programming, and conducts applied health research to address STBBI knowledge gaps.

21-Sep-22 2:00— 3:00pm (Hybrid: DM CBH Rudy North Lecture Theatre or Zoom)

Healthy Aging Research Seminar Series

The first UBC Healthy Aging seminar in a series of talks will be held on September 21st from 2-3pm at the DM Centre for Brain Health (Rudy North Lecture Theatre). Dr. Michael Kobor will provide a welcome and introduction to the new Edwin S.H. Leong Healthy Aging program. This will be followed by a presentation from Dr. Kenneth Madden who will discuss "New uses for bedside ultrasound in the older adult patient". Please register for a virtual or in-person ticket.

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22-Sep-22 5:00— 6:00pm (Virtual)

2022 ENT Research Night

You are invited to the 2022 ENT Research Night presented by the UBC Otolaryngology ENT interest group, which will be conducted via ZOOM this year. Please register using the link above. A reminder email will be sent a day or two prior to the event.

22-23-Sep-22 7:30am— 4pm (Hybrid: Pinnacle Hotel Harbourfront or Virtual) \$109 for students

16th Annual Pacific Psychopharmacology Conference

We're pleased to announce this year's **16th Annual Pacific Psychopharmacology Conference** will be returning to in-person learning at the Pinnacle Hotel Harbourfront in Vancouver, BC on Friday, Sep. 23, and Thursday, Sep. 22 for a pre-conference workshop.

Can't make it in person? Register for the virtual option to participate online with access to all Friday's plenary lectures and two workshops from each concurrent breakout session.

We have an incredible group of international and local experts joining us to discuss topics such as:

- treatment updates on depression
- schizophrenia treatment updates
- managing adverse sexual effects of antidepressants
- treatment of adult ADHD
- new technologies for home-based medication adherence and management
- pharmacogenetic testing for treatment planning of mood disorders
- psychiatric prescribing in pediatric autism
- examining pharmaceutical alternatives to the toxic drug supply
- and more!

24-Sep-22 1:00— 3:00pm (Hybrid: Kenny room 4001 or Zoom)

Coming home to Psychology Colloquium: Thinking about thinking: The neural basis of internal attention

What goes on in the brain when our minds drift off to another time and place? Internal attention is a fundamental human experience in which attention is focused internally on thought processes such as decision making, memory recall and future planning. Often referred to as mind wandering, this phenomenon takes up to half of our waking hours and has been linked to both positive and negative outcomes. Despite its prevalence and impact on our daily life, we know very little about the neurophysiological basis of internal attention. In this talk, I will first highlight the disruptive nature of internal attention on our processing of the external environment. Based on evidence from patients with brain damage in selected brain regions, I will then discuss the causal role of those regions in supporting internal attention. Finally, I will present work that uses recordings from inside the brains of neurosurgical patients to reveal insights into the neural mechanisms of internal attention. Understanding how the brain supports this fundamental phenomenon is not only important for revealing the neurobiology of wandering minds in healthy individuals but also has implications for psychiatric conditions (such as attention-deficit/hyperactivity disorder) and neurological disorders (such as Alzheimer's disease) characterized by the dysregulation of internal attention.

1-2-Oct-22 All Day (Coast Coal Harbour Hotel) from \$200 for students

Federation of Medical Women of Canada's "Evolving with Confidence" AGM & Educational Conference

AT THE END OF CONFERENCE, PARTICIPANTS WILL BE ABLE TO:

- Develop and enhance leadership skills for women in medicine;
- Gain leadership lessons and tips directly from recognized women leaders in medicine;
- Learn about important developments in women's health and where gaps still currently exist;
- Develop professional and social networks between physicians; and,
- Foster mentoring between physicians and residents/medical students

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5-Oct-22 10:00— 11:15am (Virtual) \$10 for students

Mind the gap: Hormonal contraception and brain health

Do hormonal contraceptives influence brain health in women+?

Hormonal contraceptives (HC) are used by 850M girls, women and people with uteri—all reflected in the term women+—, and 16% of people (5-49y) in Canada. In addition to being contraceptives, HCs are prescribed off-label to treat many other conditions. Few studies have examined effects of these hormones on the brain, however recent work suggests they can increase risk for mood disorders during adolescence and alter brain activation patterns. Yet, how HC use may influence long-term brain health is not known.

Understanding brain health, especially through an equity lens, is critical. Women+ experience different brain health symptoms as a result of their unique experience of stress, which is impacted by age, gender, and race/ethnicity. Stress outcomes affect disease risk, which is also influenced by HCs. Collaborations between academics and research users is vital to understand the unique ways that women+'s lives impact their brain health. This conference will explore how HCs influence women+'s brain health by bringing together researchers, clinicians, community partners, trainees, and policymakers to exchange knowledge and identify new research priorities that fill knowledge gaps and address patient experiences.

In this virtual conference series, we will be hosting bi-weekly events including two keynote talks, four symposia, trainee mentor sessions, guest workshops and a roundtable discussion where attendees will co-create create a blueprint for future research on hormonal contraceptives. You are invited to join all of these gatherings, or pick and choose which ones you want to attend.

This virtual conference series will dig into unique aspects of hormonal contraceptives and the examined effects of these hormones on the brain. It will engage researchers, clinicians, community partners, trainees, and policymakers to share research and develop strategies to spotlight the need for consideration of female-specific factors to improve women+'s brain health. The overall objective of this conference is to bring attention to the brain health issues that women+ face and encourage the medical, scientific and commercial communities to address them.

Ongoing Events:

Date	Time	Where	Seminar	Affiliation
Mondays	12:00-1:00pm	Virtual	<u>Women's Health Seminar Series</u>	<u>Women's Health Research Cluster</u>
Wednesdays	4:00-5:00pm	Biosci room 4223	<u>Evening Comparative Physiology Seminar</u>	<u>Department of Zoology</u>
Wednesdays	12:00-1:00pm	2212 Main Mall	<u>Biodiversity Research Seminar Series</u>	<u>Biodiversity Research Centre</u>
Wednesdays	8:00-8:50am	Hybrid	<u>Neurology Grand Rounds Schedule</u>	<u>Department of Neurology</u>
Wednesdays	11:00am-12:00pm	Virtual	<u>BC Neuropsychiatry Program Grand Rounds</u>	<u>Department of Psychiatry</u>
Fridays	10:00-11:00am	Beaty Museum Auditorium	<u>Comparative Physiology Invited Speaker Seminar</u>	<u>Department of Zoology</u>
Fridays	11:00am-12:00pm	Hybrid	<u>Neuroscience Research Colloquium</u>	<u>Djavad Mowafaghian Centre for Brain Health</u>

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Other Research Opportunities

New Announcements:

Year 3 Research Scholarships: Call for Applications

Application deadline: Sept 20th, 2022

Applications are now being accepted for merit-based scholarships for Year 3 MD students involved in research. Full eligibility requirements and application guidelines are available by following the link below to the online application form. Students must be in good academic standing and currently registered in Year 3 of the MD undergraduate program; students on leave are not eligible to apply. MD/PhD students must be in Year 3 of the MD curriculum (i.e. clerkship, not a thesis year) to be eligible for this competition. MD/PhD students who previously applied to this competition due to different eligibility requirements in past years are not eligible to re-apply for these awards. The expectation is that applicants will have considerable research experience in the field applicable to the scholarship(s) for which they are applying. Students who have prior research experience in a specific field but have no intention to continue in that field will not be competitive and should not apply. Please contact med.studentresearch@ubc.ca if you have questions.

MD Undergraduate Student Travel Award Competition: Call for Applications (MD 2023-2025s only)

Application deadline: Sept 29th, 2022

The MD Student Travel Award Competition is now accepting applications (from MD 2023-2025s only). This competition is for travel expenses related to participation in an official online or in-person conference or symposium at which the student presents a paper or poster.

This competition is run on a reimbursement basis (i.e. expenses must have already been incurred) and is to assist with expenses that occurred from September 1, 2021 – August 31, 2022.

Application materials and submissions instructions are available on the website (<http://www.med.ubc.ca/medical-student-travel-award>); please read the Submission Instructions prior to starting your application.

Awards of up to \$500 will be granted to help cover eligible travel expenses (as defined on the website linked above). All travel expenses must conform to UBC travel policies: <http://www.travel.ubc.ca>. Students can submit expenses for > 1 conference/research exchange if their expenses for a single trip total less than \$500.

Canadian Space Health Research Symposium: Call for Submissions

Travel award application deadline: Oct 1st, 2022

Abstract deadline: Nov 1st, 2022

Event: Nov 17th & 18th, 2022

Travel awards are available to trainees who would like to attend the Canadian Space Health Research Symposium and have limited funds to cover travel expenses. Applicants are strongly encouraged to identify travel funding through their research institution (or any other source) and apply for those opportunities first, before submitting the application.

Travel award applications will be evaluated based on the scientific merit of the research study presented at the symposium, with priority given to members of underrepresented groups. Each award will cover transportation and hotel accommodation, the details of which will be determined by the organizers with the awardees following email confirmation of the awards.

To be eligible for a travel award, applicants will need (a) to be affiliated with a Canadian institution at the time of submitting the application, (b) to be registered for the Symposium, and (c) to present a research poster at the Symposium (applicants who do not intend to present a poster can still apply for a travel award but priority will be given to presenters).

The 16th Annual Earl W. Davie Symposium Travel Award: Call for Submissions

Application deadline: Oct 5th, 2022

Event: Nov 22nd, 2022

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The CBR will support external travel and accommodation expenses for a few trainees to attend and present at the symposium. This is a great opportunity for external trainees to share their research, network with other scientists, and attend a fantastic day of scientific talks!

Deadline to apply: Wednesday October 5, 2022 at 11:59PM PT (email completed application to Dr. Parvin Bolourani: parvin@mail.ubc.ca).

If you have questions about the external travel award or symposium trainee activities, contact the CBR's Education Program Manager, Dr. Parvin Bolourani (parvin@mail.ubc.ca).

Free Statistical Assistance via STAT 551: Call for Applications

Application deadline: Oct 31st, 2022

Don't miss out on a great opportunity to receive free stats advice! Starting Sept 6th and under the supervision of a stats professor, stats grad students taking the STAT 551 practicum consulting course will consult with you on your project and provide you with a report of recommendations.

Anyone is eligible so apply now by submitting a 1-page project description (similar in format to <https://www.stat.ubc.ca/sites/default/files/sample551project.pdf>) to asda@stat.ubc.ca.

Submissions will be accepted until the end of October but the sooner you submit the sooner your project will be selected.