

Student Research News e-bulletin

September 24, 2021

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

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Announcement Reminders:

MD Undergraduate Student Travel Award Competition- Call for Applications (MD 2022-2024s)

UBC Medical Journal Spring 2022 Issue: Spotlight Medicine- Call for Submissions

Free Statistical Assistance via STAT 551- Call for Applications

RHSRNbc Rural Health Research Knowledge Hub

Funding Opportunities & Awards

New Funding Opportunities:

CHS Summer Studentships in Inherited Bleeding Disorders Research

Deadline: 15-Nov-21

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 2022 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:

24-Sep-21 8:00am—4:00pm (Virtual) \$50 fee for students

15th Annual Pacific Psychopharmacology Conference

PPPC 2021 will be hosted virtually once again this year! We have an incredible group of international and local experts joining us to discuss topics such as bipolar disorder, opioid use disorders in youth, treatment-resistant schizophrenia, eating disorders, ADHD, and other important topics in psychopharmacology. We look forward to having you join us again this fall!

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27-Sep-21 5:30—6:30pm (Virtual)

MD/PhD Seminar: "New approaches to treat spinal cord injury" with Jordan Squair

Student Presentation: Jordan Squair

Title of talk: New approaches to treat spinal cord injury

27-Sep-21 12:00—1:00pm (Virtual)

2021-2022 Women's Health Seminar Series: "Chronic Physical Conditions and Perinatal Mental Health and Addiction"

Presenter: Dr. Hilary Brown, Assistant Professor, Department of Health & Society, University of Toronto Scarborough. Hilary Brown, PhD, is an Assistant Professor at the University of Toronto, in the Department of Health & Society (Scarborough Campus) and the Dalla Lana School of Public Health (St. George Campus). She is cross-appointed to the Temerty Faculty of Medicine's Department of Psychiatry and is an Adjunct Scientist at Women's College Hospital and ICES. Dr. Brown holds a Tier 2 Canada Research Chair in Disability & Reproductive Health. Her research program uses epidemiologic methods to examine maternal and child health and mental health across the life course, with a particular focus on populations with disabilities and chronic disease, health equity, and the social determinants of health.

29-Sep-21 12:00—1:00pm (Virtual)

Online Interview with Dr. Daniel Kahneman

Dr. Daniel Kahneman is Professor of Psychology and Public Affairs Emeritus at the Woodrow Wilson School, the Eugene Higgins Professor of Psychology Emeritus at Princeton University, and a fellow of the Center for Rationality at the Hebrew University in Jerusalem. Dr. Kahneman has held the position of professor of psychology at the Hebrew University in Jerusalem (1970-1978), the University of British Columbia (1978-1986), and the University of California, Berkeley (1986-1994). Dr. Kahneman is a member of the National Academy of Science, the Philosophical Society, the American Academy of Arts and Sciences and a fellow of the American Psychological Association, the American Psychological Society, the Society of Experimental Psychologists, and the Econometric Society. He has been the recipient of many awards, among them the Distinguished Scientific Contribution Award of the American Psychological Association (1982) and the Grawemeyer Prize (2002), both jointly with Amos Tversky, the Warren Medal of the Society of Experimental Psychologists (1995), the Hilgard Award for Career Contributions to General Psychology (1995), the Nobel Prize in Economic Sciences (2002), and the Lifetime Contribution Award of the American Psychological Association (2007). Dr. Kahneman holds honorary degrees from numerous Universities.

01-Oct-21 9:00am—5:00pm (Virtual) \$7.50-\$10 fee

Student Biotechnology Network (SBN) Building Biotech 2021

The SBN's Building Biotech Expo is the leading networking event with the best and the brightest of the BC Biotech and Life Sciences industry. This year, we've pivoted our flagship event virtually to align with Global Biotechnology Week. This annual event continues to attract and unite 100+ students every year, along with professionals from the life sciences, pharmaceutical and clinical sectors among many others. We've also had the pleasure of hosting several prominent organizations as exhibitors. The result is a gathering of students and professionals, eager to share ideas and forge a strong biotech community that will help shape BC's biotech future.

02-Oct-21 11:00am—1:15pm (Virtual)

Virtual Brain Tumour Research Symposium & Student Research Competition

Join us Saturday, October 2 2021, for our Virtual Brain Tumour Research Symposium and Student Research Competition. Register now to reserve your spot for this event. This year's event will feature presentations focused on glioblastoma treatment, as well as the Pam and Rolando Del Maestro Undergraduate Student Research Competition. Student teams from across Canada will present their research projects before a panel of experts, with the top three teams receiving cash prizes. These bright, young minds are the future of brain tumour treatment, and Brain Tumour Foundation of Canada is proud to be able to encourage them in their studies.

This year's symposium speakers are:

Dr. David Fortin – Université de Sherbrooke

Title: "Radioisotope Embedded in GlioTrap for Glioblastoma Treatment"

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Dr. Amit Singnurkar – Sunnybrook Health Sciences Centre

Title: “Mapping of Essential Amino Acid Metabolism for the Detection of Glioblastoma Multiforme Spread in Post-Surgical Patients”

For the safety of our community, this year’s symposium and competition will be held via Zoom.

05-Oct-21 12:00—1:00pm (Virtual)

[Biomedical Imaging & AI Invited Lecture Series: Reading Race: AI Recognizes Patient’s Racial Identity in Medical Images](#)

Dr. Gichoya is a multidisciplinary researcher, trained as both an informatician and a clinically active radiologist. She is an assistant professor at Emory university, and works in Interventional Radiology and Informatics. She is seconded to the National Institutes of Health as a data scholar to help with the Open Data Science Platform (OSDP) component of the DSI Africa Initiative to “Harness Data Science for Health In Africa”. Her career focus is on validating machine learning models for health in real clinical settings, exploring explainability, fairness, and a specific focus on how algorithms fail. She has worked on the curation of datasets for the SIIM (Society for Imaging Informatics in Medicine) hackathon and ML committee. She volunteers on the ACR and RSNA machine learning committees to support the AI ecosystem to advance development and use of AI in medicine.

07-Oct-21 12:30—2:00pm (Virtual)

[Online Colloquium with Dr. Daniel Lakens](#)

Scientific reform in the last decade has led to a wide range of proposed changes in how we design, analyse, report, and publish scientific findings. As the implementation of better research practices spreads through the scientific community, there is a risk of merely changing old flawed heuristics with new flawed heuristics. In this talk, I will discuss some examples of norms scientists rely on when they design and analyse studies, and that editors rely on when evaluating work, without knowing why these norms exist, even though these norms often make no sense. I’ll discuss some practices that go against norms, but would improve how we do science. I’ll also offer some reflections on what would be needed to improve scientists’ strong reliance on norms, and look forward to hearing your thoughts on this challenge.

07-Oct-21 7:00—8:00pm (Virtual)

[The Author is In: A Conversation with Physician Writer Dr. Daniel Kalla](#)

Dr. Daniel Kalla, BSc’88, MD’91, is a physician, educator, and internationally bestselling author. Born, raised, and still residing in Vancouver, he has worked as an ER physician at St. Paul’s Hospital for the past twenty years. Dr. Kalla is also the author of twelve published novels, which have been translated into thirteen languages.

Join us on Thursday, October 7th as Dr. Kalla shares his life and career, and answers audience questions on his latest fiction novel, *Lost Immunity*, where he applied his real-life experience working on the frontlines through the COVID-19 pandemic.

Registration closes on Wednesday, October 6th.

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

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BMAI 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.

Ongoing Events:

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

Other Research Opportunities

Announcement Reminders:

[MD Undergraduate Student Travel Award Competition- Call for Applications \(MD 2022-2024s\)](#)

Application deadline: Sept 30th, 2021

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

Application deadline: Oct 22nd, 2021

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

Application deadline: Oct 31st, 2021

[RHSRNbc Rural Health Research Knowledge Hub](#)