



NEWSLETTER

UBC School of Biomedical Engineering

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Announcements



ECE/UBC Researchers Are Changing Pressure Sensors and Their Potential Applications

Congratulations Nabil Shalabi, Kyle Searles, and Kenichi Takahata, who have recently had their article “Switch Mode Capacitive Pressure Sensors” published in Nature Microsystems and Nanoengineering. The article examines a new class of pressure sensor enabled by micro-electro-mechanical systems (MEMS) that has high sensitivity in measuring small changes in pressure. Through this work, we are seeing transformations in the way sensors are used. [Read Article Here.](#)

3MT Event Reminder

March 1 | 11:00 am - 12:30pm

Learn about research happening in SBME and support the folks who are doing it. Join us for 3MT. Watch in person at LSI 1003 or live on Zoom.

SBME Propels: Investing in Innovations

March 8 | 12:00 pm - 1:00 pm

What does it mean to invest in innovations? Topics covered will include: investing items as government funds, Angel investors, VC, corporate partnering/investing; incubators and accelerators.

[Learn More & Register.](#)

UPCOMING EVENTS

International Laboratory Freezer Challenge

Win a pizza party for your lab. Join the International Laboratory Freezer Challenge. Compete with labs to improve sample accessibility and integrity, reduce costs, and improve energy efficiency for cold storage in your lab. By participating in the challenge, you will help reduce energy consumption, improve sample accessibility and sample integrity and learn freezer maintenance techniques. Individual labs earn one point for each action taken per refrigeration unit—including points earned, kWh saved, points earned per cold storage unit, and kWh saved per cold storage unit. Labs participating in the challenge will need to submit an online score sheet at the end of the competition.

[Learn More & Register.](#)

Carmen de Hoog | carmen.dehoog@ubc.ca

MSL Biotechnology Industry Seminar Series: Illumina

February 22 | 3:00 pm - 4:00 pm

The MSL Biotechnology Industry Seminar Series is designed to connect undergraduate and graduate students, postdoctoral fellows and research associates to leading industry experts across a variety of STEM fields. With a focus on career education and scientific role literacy, attendees will hear from a panel of experienced scientists sharing valuable insights from their own professional pathways. Each session will conclude with a social networking event, providing senior industry scientists and students an opportunity to build further connections.

All speakers will be delivering talks in person at the MSL Lecture Theatre (room 102). [Zoom link here.](#)

[Learn More & Register.](#)

Black History Month: A panel conversation on the Black experience in the Faculty of Applied Science

February 28 | 3:00 pm - 4:30 pm

This panel event is intended to be an informal conversation on the Black Experience in the Faculty of Applied Science. Students, staff, and faculty are coming together to share their experiences of being Black in a faculty that is – unfortunately – under-representative of the Black population in Canada. We welcome participants from all backgrounds to attend so they can learn and take the knowledge they gain to create more inclusive spaces for Black students, staff and faculty in UBC Applied Science.

This is a hybrid event, in-person and online.

[Learn more & register.](#)

Pink Shirt Day

February 22 | All day event

Pink Shirt Day is an annual event that raises awareness about the negative impacts caused by bullying, and the importance of fostering an inclusive and welcoming environment at work, school, and home. Through the simple act of wearing a pink shirt, people around the world unite, show their solidarity, and celebrate diversity, inclusion and tolerance.

The UBC Bookstore has a Pink Shirt for Kindness is Power by Francis Horne Sr., Coast Salish. The shirt's design features an eagle forming a heart. Eagles provide a vision of the power of love and kindness within us all.

Wear a pink shirt (or [buy one from the UBC Bookstore](#)), [download a pink Zoom background](#), or contribute in your own way.

[Learn More.](#)

Stay up to date on all SBME community Seminars & Events

Subscribe to import all events into your calendar so you'll never miss an event.

SBME Events Calendar

Awards and Grants

IGF 5th Year Award

Application Deadline: March 23, 2023 at 4:00pm PT

Indigenous PhD students in their 4th year are now able to apply for 5th year funding through the IGF 5th Award. The award, valued at \$18,200 per annum plus tuition, is awarded on the recommendation of the Faculty of Graduate and Postdoctoral Studies to full-time Indigenous doctoral students from all disciplines to fund their 5th year of study, where research involves community-engaged methodologies and approaches.

[Learn More & Apply.](#)

IGF Research & Travel Award

Application Deadline: March 23, 2023 at 4:00pm PT

Funding in support of research and travel expenses for Indigenous graduate students has been made available through the IGF Research & Travel Award to current holders of the Indigenous Graduate Fellowship. Recipients of the award will be engaged in work that contributes directly or indirectly to community engagement and relationship building with Indigenous communities. Successful candidates will receive a minimum of \$3,000 for Master's students and a minimum of \$5,000 for Doctoral

students. Additional funding may be offered depending on budget availability.

For information on eligibility and application procedures, including application forms, [please consult the G+PS webpages.](#)

Bree Wilson | bree.wilson@ubc.ca.

Mitra Biotechnologies is Hiring

Application Deadline: February 28, 2023

Mitra is currently hiring interns for four to six month positions. Mitra Biotechnologies is aiming to develop medical diagnostics for point-of-care applications to meet global healthcare needs. To accomplish this, we have developed a novel separation technology for separating solid blood products from liquids in paper. We are seeking to apply our technology for medical use-cases.

[Apply Here.](#)

Please contact info@mitrabiotechnologies.com with questions.

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