



Weekly News

UBC School of Biomedical Engineering

TABLE OF CONTENTS

[Announcements](#)

[Professional Development Sessions & Research Talks](#)

[Send Us Your Newsletter Submissions](#)

Announcements

SBME Symposium Wrap Up

It was a true delight to see our community shine during the SBME Symposium last week. It was inspiring to see all the innovative research that is taking place in the School of Biomedical Engineering and beyond. The Symposium started

with an inspiring Keynote from Murali Venkatesan from Danaher Corporation. The day also included our amazing Trainee Research Talks and Poster Session, an informative panel on *Decolonizing Biomedical Engineering Through Indigenous Consultation and Collaboration*, an exciting Amgen Pitch Competition, and Research Talks from top-notch academics. Thank you to everyone involved for making our Symposium so successful.

SBME Symposium Winners

We are thrilled to celebrate the award winners from the SBME Annual Symposium 2023. Their outstanding contributions and innovative thinking made this event a truly enriching and engaging one.

Trainee Talks:

- 1st Place: Afsoon Gharib Mombeini - *Development of a behavioural biomarker for cognitive impairment through navigation experiments*
- Runner Up: Helen Chen - *Development of a platelet friendly, infection-resistant storage device to extend shelf-life and improve transfusion safety*

Poster Session:

- 1st Place: Elizabeth Castle, *Stage-Specific Interactions between Notch and Interferon Signaling Regulate Lymphoid Competence during the Endothelial to Hematopoietic Transition*
- 2nd Place: Justin Wyss, *The Development of Soft Capacitive-based Pressure and Shear Sensor Arrays for the Prevention of Pressure Injuries*
- 3rd Place: Lauren Puumala, *An Optimization Framework for Silicon Photonic Evanescent-Field Biosensors Using Sub-Wavelength Gratings*

Amgen Pitch Competition:

- 1st Place: *Match made in bioreactor: 3D microgels for large scale generation of T cells from stem cells*
- 2nd Place: *Portable MRI for Rural Communities*
- 3rd Place: *RegulaSeq: Pioneering Precision Gene Expression Through Advanced Computational Design*

Thank You to Our Sponsors

As we reflect on the remarkable success of the SBME Annual Symposium this year, it's clear that our sponsors' support was instrumental. Their support enabled the convergence of over 300 attendees, the exhibition of 85 innovative posters, and presentations by 14 distinguished speakers.

We want to express our sincere gratitude to:

- CCRM
- STEMCELL Technologies
- Kardium
- Medtronic
- Danaher
- Future Fields
- Amgen

Their contributions greatly facilitated our ongoing efforts to stimulate innovation, inspire collaboration, and uphold research excellence. Simultaneously, they assisted us in cultivating a vibrant, active community of professionals, researchers, and trainees within the SBME.

Call for Membership - Graduate Students for FoM Committees

[Graduate & Postdoctoral Education Committee – Terms of Reference](#)
[Research Committee – Terms of Reference](#)

MEDIC Foundation is hiring!

Are you interested in advocating and conducting awareness campaigns for chronic diseases, such as Cancer, Diabetes, and Parkinson's Disease? MEDIC Foundation has openings in our research team for an electrical technologist! We work as a research society, and partner with laboratories across UBC and hospitals around the world to conduct research under the supervision of principal investigators and clinicians. We are on a mission to innovate and advocate for chronic diseases worldwide through industry-leading solutions. If you believe in revolutionizing the way people approach chronic diseases and are looking to gain research experience, come join us!

Application opens: June 5th

Deadline to apply: June 25th

[Learn More or Apply](#)

Professional Development Sessions & Research Talks

Weaving Indigenous Ways of Knowing and Being in Palliative Care

June 20 | 12:00 pm - 1:30 pm

Speakers from Tsleil-Waututh Nation's *Ćećəwət Leləm* "Helping House" and Vancouver Coastal Health's North Shore Palliative Care Program will join in circle for this session where we will discuss how to recognize and overcome barriers to palliative care for Indigenous People, what decolonizing palliative care means and the role of traditional values. All healthcare professionals are welcome!

[Register](#)

Weaving Relations Launch Event

June 21 | 1:00 pm - 3:00 pm

Join us, along with guest speaker Chancellor Steven Point and other distinguished contributors, in celebrating the official launch of Weaving Relations, a course exploring Indigenous histories, people, and contexts, as well as settler colonialism in Canada, developed by the Faculty of Applied Science and the Faculty of Land and Food Systems.

[Register](#)

International Women In Engineering Day Special Presentation

June 23 | 4:00 pm - 5:00 pm

Girls and gender non-conforming high school students are invited to a special virtual International Women In Engineering Day presentation hosted by current student and CEMF * FCGC award winner, Coralie Tcheuné.

[Register](#)

We Haven't Even Begun the Conversation Yet: Establishing Meaningful Relationships by Derek Thompson

July 12 | 12:00 pm - 1:00 pm

To get involved and be a part of learning and input opportunities, SBME welcomes you to attend REDI events that we and other UBC groups host. Join us for our upcoming seminar with Derek Thompson.

[Zoom Link](#)

Meeting ID: 691 3157 8693

Passcode: 367629

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

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SEND US YOUR NEWSLETTER SUBMISSIONS

Do you have news or information you want to share with the community?

Fill out our [newsletter submission form](#) to be featured in the next **SBME Newsletter** (*we will accept submissions up to two days before the release of the next edition*).

And don't forget to connect with the SBME on social media.

THE SBME COMMUNICATIONS TEAM
