SBME PROPELS

Professional Development Series

Outline updated on Sept 16th, 2022

Built in partnership with entrepreneurship@UBC, SBME PROPELS is an extracurricular series of workshops, seminars and panels for trainees and faculty at UBC’s School of Biomedical Engineering (UBC). The series will run throughout the 2022-2023 academic year, and will include 4 streams, offered in parallel from September 2022 to April 2023:

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<th>Stream</th>
<th>Goal is to build fluency in...</th>
<th>Main target audience (SBME)</th>
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<td>Innovation &amp; Partnerships</td>
<td>The benefits of partnerships, knowledge translation &amp; commercialization of research innovations</td>
<td>All faculty and students</td>
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<td>BME Career Pathing &amp; Practical Skills for Trainee</td>
<td>Career pathing and essential professional skills</td>
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<td>Professional Skills</td>
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<td>Leadership &amp; Pedagogy</td>
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**How to register:** Registration links for each session are provided in the following pages.

**Format:** Most sessions will take place at 12pm PT as lunch-and-learns, virtually via Zoom. Session formats include seminars, workshops, and panel discussions. Some sessions will take place in-person as 2hr workshops. Registration will be limited for these sessions, as lunch will be provided.

**Audience:** The series, as well as individual sessions, are open to the entire SBME community, with the intended audience for each stream specified above.

Contact: Danielle Walker, SBME’s Strategic Partnerships Manager – danielle.walker@ubc.ca
Stream 1: Innovation & Partnerships

Identifying, Approaching, and Securing a Partner

Topics: Overview of UBC’s resources to support partnered research; value of external partners, value to partners; identifying potential synergies and crafting a value proposition

Date/time: October 19th, 12-1pm PT

Confirmed speakers: Danielle Walker (SBME Partnerships), Jonathon Jafari (Mesintel Therapeutics & e@UBC), and TBD

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_2udfX5WHe7fgE2M

Getting Your Ideas into Practice

Topics: Technology transfer, company creation, knowledge exchange; presented by a panel of researchers who have taken each path

Date/time: October 26, 12-1pm PT

Confirmed speakers: Sean Lumb (moderator; e@UBC Director), Genevieve Creighton (Knowledge Exchange, VPRI), Jonathon Jafari (Mesintel Therapeutics & e@UBC), Peter Stirling (Arrowsmith Genetics), Lih Jin Juang & Amy Strilchuk (SeraGene)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_dgaMOFuqcA3TWu2

Company Creation 101

Topics: Identifying the problem you seek to address; competitive analysis and target market considerations; pitching your compelling story

Date/time: February 15th, 12-1pm PT

Confirmed speakers: Sean Lumb (e@UBC Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6zjMqbWJnAeJpHw

Investing in Innovations

Topics: Government funds, Angel investors, VC, corporate partnering/investing; incubators and accelerators

Date/time: March 8, 2022

Confirmed speakers: Sean Lumb (e@UBC, Director), TBD

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_3QWVLr3bmxAJpcy
Stream 2: BME Career Pathing and Practical Skills for Trainees

Career Paths in Biomedical Engineering: Biotech * Sponsored by STEMCELL Technologies

Topics: Explore the various career paths available to biomedical engineering graduates within the Biotech industry

Date/time: September 21st 12-1pm PT

Confirmed speakers: Robyn Newell (SBME, Moderator) Stuart Young (Scientific Medical Advisor, Bayer), Fiona Fitzgerald (Commercial Leader Nucleic Acid Therapeutics, Cytiva), Rishima Agarwal (Research Scientist, Aspect Biosystems), Bari Aadum (Senior Account Manager, STEMCELL),

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_0HZocovokAsu6rQ

Career Paths in Biomedical Engineering: MedTech

Topics: Explore the various career paths available to biomedical engineering graduates within the MedTech industry

Date/time: September 27th 12-1pm PT

Confirmed speakers: Negar Harandi (SBME, Moderator) Nick Allan (Starfish Medical, Bio Services Manager), Heidi Sharipov (Sr R&D Biomedical Engineer, Canary Medical), Kardium (Speaker TBD), Shane Miller-Tait (Project Manager, Kardium), Jesse Ehrlick (Program Manager, McGill University)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_bqQ0gvZgKW1EfMW

Career Paths in Biomedical Engineering: AI/Computational Biology

Topics: Explore the various career paths available to biomedical engineering graduates within AI/Computational Biology

Date/time: October 4th, 12-1pm PT

Confirmed speakers: Gabrielle Lam (SBME, Moderator), Shreshth Gandhi (Machine Learning Lead and Lead Scientist, Deep Genomics), Handol Kim (CEO, Variational AI), Natalia Grane (Director of Operations & Compliance, Synthesis Health, Sara Mahdavi (Technical Program Manager, Google Brain Research)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_3X9IYMRF4F6pbQG

Applying to Medical School as a Biomedical Engineer

Topics: The process of applying to medical school at UBC, illustrated by a biomedical engineering student’s journey

Date/time: TBD 12-1pm PT
Confirmed speakers: Shahin Shirzad (UBC MD Assistant Dean, Admissions), Rohit Singla (SBME MD/PhD student)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_3VtMYJWRhqjy7CS

Strategic Networking and Effective Negotiation Strategies

Topics: Participants of this 90-minute training workshop will learn how to get strategic about fully enlisting their personal (friends and family), professional (coworkers, peers) and strategic (mentors, executives) contacts to identify opportunities and land job prospects. Negotiation strategies will also be covered in this workshop.
*Limited to 30 participants. If this number has been reached upon your registration, you will be automatically added to the waitlist, and we will notify you.

Date/time: January 19th 12-1:30pm PT
Confirmed speakers: Joanna Shea (The Negotiations Collective, Managing Partner)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_di3YPL2X5PnwqsC

Landing Your First BME Job * Sponsored by STEMCELL Technologies

Topics: Marketing yourself effectively as a biomedical engineer; creating a strong application: CV and cover letter basics; interview prep and best practices

Date/time: February 1st 12-1pm PT
Confirmed speakers: Charlotte Camacho (Recruitment Specialist, Emmes) James Toy, (HR, Evonik) STEMCELL Technologies (Speaker TBD)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_7V8eOfN89M9iWsS
Stream 3: Professional Skills

Time & Project Management Essentials: Session 1 of 2
Topics: Stress and Wellbeing
Date/time: October 17th 12-2:00pm PT (2hr, in-person workshop)
Confirmed speakers: Carolina Tropini (SBME Assistant Professor)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_4GxhA8ym8DRb0JE

Time & Project Management Essentials: Session 2 of 2 * Sponsored by STEMCELL Technologies
Topics: Overcoming overwhelm and procrastination
Date/time: January 31st 12-1:00pm PT
Confirmed speakers: Alex Abdel-Malek (Senior Psychotherapist & Owner, Port Moody Therapy)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_bCuBY7rKkeuqoXI

Professional Communication & Emotional Intelligence * Sponsored by STEMCELL Technologies
Topics: Communicating with Impact; develop skills necessary to stay in dialogue and communicate professionally with impact
Date/time: February 8th 12-1:00pm PT
Confirmed speakers: Erin Thorp (Leadership Mentor)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_24yEtnimYZ78X2K
Stream 4: Leadership & Pedagogy

New Course Design & Sustainable Teaching Practices
Topics: Design of assessments; effective strategies to coordinate TA roles; managing courses with team-based work
Date/time: October 11th 1-3pm PT *new time*
Confirmed speakers: Warren Code (Associate Director, Science Centre for Learning and Teaching), Claudia Krebs (Professor of Teaching, Department of Cellular & Physiological Sciences)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5yWC7jgoevqSwtg

Leadership 101
Topics: TBD
Date/time: September 28th 12-1pm PT
Confirmed speakers: (Speaker TBD)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6XAVlCvOcjNoFaC

Conflict Resolution: Respect, React, Respond and Resolve Conflict
Topics: Whether in the workplace or your day-to-day life, conflict is inevitable. It occurs between individuals who care about a particular matter but have opposing views. As professionals, caring about your team, research, budget, and job prospects is critical to your livelihood. It is understandable that when one encounters opposition, your immediate reaction may be one of anxiety, anger or frustration. Instead of backing away from the conflict, or attacking, this workshop aims to have you engage, strategically! Tools and techniques will be provided on how to control your reaction, get to the root cause of the problem and determine an acceptable solution go forward. To avoid conflict is to fail.
*Limited to 30 participants. If this number has been reached upon your registration, you will be automatically added to the waitlist, and we will notify you.
Date/time: October 5th 12-1pm PT
Confirmed speakers: Joanna Shea (The Negotiations Collective, Managing Partner)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5bAXBweAkFiriLA
Effective PI-Trainee Relationships

Topics: Building a strong student-supervisor relationship
Date/time: October 12th 12-2:00pm PT
Confirmed speakers: Carol Naylor (Director, UBC Centre for Student Involvement and Careers), Michael Hunt (Associate Dean, Graduate and Postdoctoral Education, FoM)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_1B2SYJBRQ0EGzavk

Building your Leadership style based on your Personal Values

Topics: Developing your personal authentic leadership style by discovering your values. This session will prepare you to view subsequent SBME Propels leadership sessions through your own personalized lens, informing how you can apply the concepts conveyed through the sessions to your own leadership style.
Date/time: November 30th 12-1:00pm PT
Confirmed speakers: Anne-Marie Sorrenti (Leadership Consultant and Executive Coach; Lecturer at University of Toronto’s Faculty of Engineering)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5jcE6qMGzRUZ05U

Creating a Culture

Topics: Crafting and sharing a vision
Date/time: January 18th 12-1pm PT
Confirmed speakers: Pamela Potts (Starfish Medical, Director of People and Culture)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6VkHD087ety51s2

Controversial/Inflammatory Topics in the Classroom

Topics: This session will provide faculty the skills and techniques necessary to facilitate and manage controversial conversations in the classroom. Participants will learn how to recognize the warning signs that learning centred dialogue is at risk and practice the skills required to restore conversational safety.
Date/time: January 23rd 12-1pm PT
Confirmed speakers: Erin Thorp (Leadership Mentor)
Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_es2GqSdafmNrlq
Impostor Syndrome and Perfectionism: Strategies for New Leaders

Topics: Practical strategies to help manage impostor feelings so that participants can pursue their career goals with more ease

Date/time: February 7th 12-1pm PT

Confirmed speakers: Isabeau Iqbal (ICF Certified Career Coach)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_b3YnH5BX0UI59uu