

SBME PROPELS

Professional Development Series

Outline updated on August 26th

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 virtual series will run throughout the 2021-2022 academic year, and will include 4 streams, offered in parallel from September 2021 to April 2022:

Stream	Goal is to build fluency in...	Main target audience (SBME)
Research Partnerships	The benefits, types and processes of research partnerships, and related supports available within UBC	All faculty and students
Translating Your Innovation	Knowledge translation and commercialization of research innovations	All faculty and students
BME Career Pathing & Practical Skills for Trainees	Career pathing and essential professional skills	All students and postdoctoral fellows
Leadership: PIs as CEOs	Effective leadership of a research group and program	Early-career researchers

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.

Audience: The series, as well as individual sessions, are open to the entire SBME community, with the intended audience for each stream specified above. Please note that the “Leadership: PIs as CEOs” sessions have limited enrolment, with preference given to early-career researchers.

Contact: Raquel De Souza, SBME Partnerships Manager – raquel.desouza@ubc.ca



Stream 1: Research Partnerships

Why Partnered Research?

Topics: Introduction to series; value of external partners to research; value to partners; overview of UBC's resources to support partnered research

Date/time: September 15th 12-1pm PT

Confirmed speakers: Raquel De Souza (SBME Partnerships), Peter Cripton (SBME Professor and Director of Undergraduate Program), Cheryl Wellington (SBME Associate Faculty, Faculty of Medicine Professor)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6uimy0so3cGuplq

Partnering with Pharma, Biotech, and Venture Capital

Topics: TBD

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

Confirmed speakers: Amie Phinney (adMare Senior Directors, Partnerships)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_3PI8u7NcENHyNjU

Identifying, Approaching, and Securing a Partner: Session 1

Topics: Types of external partners (industry, local & international, clinical, not-for-profit, communities); outreach strategies; identifying potential synergies and challenges researchers can address

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

Confirmed speakers: Raquel De Souza (SBME Partnerships), and TBD

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_c0o5EFfI960Mpg0

Identifying, Approaching, and Securing a Partner: Session 2

Topics: Crafting a value proposition and positioning the win-win

Date/time: December 8th 12-1pm PT

Confirmed speakers: Sean Lumb (e@UBC Associate Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5j4aqLEmYeKUsu2



UBC's Policies and Procedures

Topics: UBC's research and inventions policies; conducting intellectual property discussions; UBC's research agreements process for partnered research project; understanding your collaborative research agreement; managing a collaboration with a UBC spin-off company

Date/time: January 25th 12-1pm PT

Confirmed speakers: John Paul Heale (UILO Managing Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5aqlI7rwrIAOrYO

Partnership Funding Opportunities

Topics: Making a case to your industry partner; leveraging government funding to match partner investments; funding projects with international partners; effective grantsmanship for partnered projects

Date/time: February 1st 12-1pm PT

Confirmed speakers: Raquel De Souza (SBME Partnerships), Sabrina Hauser (SBME Research), UBC's SPARC Office

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_3dtMhqRi8VOAdkG

Stream 2: Translating Your Innovation

Getting Your Ideas into Practice: Session 1

Topics: Technology transfer, company creation, knowledge translation/exchange

Date/time: September 22nd 12-1pm PT

Confirmed speakers: TBD

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_d4ptPudz2SCc1sa

Getting Your Ideas into Practice: Session 2

Topics: Panel of researchers who have taken each path

Date/time: October 6th 12-1pm PT

Confirmed speakers: Sean Lumb (moderator; e@UBC Associate Director), Carlos Gerardo (Sonos Microsystems co-founder), Peter Rahfeld (ABOzymes Biomedical Inc. co-founder), Ada Leung (Cuprous Pharmaceuticals co-founder), and TBD

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5mv90cRvB4vD9VI

Commercialization Considerations for Early-Stage Academic Project Design

Topics: Engaging commercialization experts early in the research process; protecting your innovation & UBC's disclosure process; creating a successful start-up from a research program

Date/time: November 17th 12-1pm PT

Confirmed speakers: TBD

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

Success Starts with the End in Mind: Human-centered Design & Clinical Applications

Topics: Case study of integrating engineering and medicine throughout the research process; clinical needs and applications of technologies in medicine

Date/time: January 12th 12-1pm PT

Confirmed speakers: Babak Shadghan (SBME Associate Faculty, Orthopedics Assistant Professor), Pierre Guy (Orthopedics Professor, Centre for Hip Health & Mobility Co-Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_4lt5qeGTRZETos6

Success Starts with the End in Mind: Target Market Considerations

Topics: “Where to play” process by Marc Gruber

Date/time: January 26th 12-1pm PT

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

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_cUCwCmf0gWSbAEe

Company Creation 101: Part 1

Topics: Identifying the problem you seek to address; competitive analysis and market research

Date/time: February 9th 12-1pm PT

Confirmed speakers: Sean Lumb (e@UBC Associate Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_28YziliGMD7ML1c

Company Creation 101: Part 2

Topics: Business models; risk assessment

Date/time: February 16th 12-1pm PT

Confirmed speakers: Sean Lumb (e@UBC Associate Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5pwEISKzsDLT9BA

Pitching 101

Topics: Pitching formula; what not to do; 15min panel discussion followed by a 45min workshop

Date/time: TBD

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

Pre-register here to be notified once registration is available: https://ubc.ca1.qualtrics.com/jfe/form/SV_0C9ozNw0qme3Fc2

Investing in Innovations

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

Date/time: TBD (March 2022)

Confirmed speakers: Sean Lumb (e@UBC Associate Director), Centre for Commercialization of Regenerative Medicine (CCRM), VANTEC Angel Network

Pre-register here to be notified once registration is available: https://ubc.ca1.qualtrics.com/jfe/form/SV_77LlkDyyM8octam



Understanding BC's Healthcare Business Ecosystem

Topics: Inventors, supporters, funders, partners, clinical implementers/receptors; e@UBC's ecosystem mapping exercises

Date/time: TBD (April 2022)

Confirmed speakers: TBD

Pre-register here to be notified once registration is available: https://ubc.ca1.qualtrics.com/jfe/form/SV_2n9X9R504Z0wgGG

BME University Spin-off Companies

Topics: Panel discussion with founders

Date/time: TBD (May 2022)

Confirmed speakers: TBD

Pre-register here to be notified once registration is available: https://ubc.ca1.qualtrics.com/jfe/form/SV_bpivxxmtgNoP9Uq

Stream 3: BME Career Pathing and Practical Skills for Trainees

Career Pathing

Career Paths in Biomedical Engineering

Topics: Explore the various career paths available to biomedical engineering graduates, including clinical, academia, industry, and not-for-profit.

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

Confirmed speakers: Nick Allan (Starfish Medical, Bio Services Manager), Brendan Gribbons (LMBME Regional Engineering Team Manager), Nika Shakiba (SBME Assistant Professor, Advice to a Scientist Co-Founder), Payam Zahedi (University of Toronto Mississauga, Director, Office of the VP Research)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_9n8gs1dMPERQ9w

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: November 9th 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_3W666tpdhRCtDRc

Setting Yourself Up for Success: Extracurriculars and Trainee Jobs

Topics: Making extracurriculars count; co-op and internships; summer research programs

Date/time: December 6th 12-1pm PT

Confirmed speakers: Cassielle Dent (STEMCELL Technologies Account Manager), Paula Pisciotano (Faculty of Applied Science Co-op Coordinator), Carmen de Hoog (SBME Research)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_eJ6AKhj8ysD1MAS



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 18th 12-1:30pm PT

Confirmed speakers: Joanna Shea (The Negotiations Collective, Managing Partner)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6G7AJ2eqhJ4rasu

Landing Your First BME Job

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 8th 12-1pm PT

Confirmed speakers: STEMCELL Technologies (speaker TBC)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_4GfdNqMHDgJh0lu

Embarking on Your Career

Topics: Mentors and mentees; continued professional development

Date/time: March 8th 12-1pm PT

Confirmed speakers: STEMCELL Technologies (speaker TBC), Robyn Roscoe (Lyric Management Principal; BC Cancer Genome Sciences Centre, Director of Management and Administration)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_c0qDu1jk00wzkFY

Practical Skills

Time & Project Management Essentials: Session 1 of 4

Topics: Overcoming overwhelm and procrastination

Date/time: September 28th 12-1:30pm PT

Confirmed speakers: Alex Abdel-Malek (Senior Psychotherapist & Owner, Port Moody Therapy)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5w4dC8GBFLa095Y

Time & Project Management Essentials: Session 2 of 4

Topics: Introduction to project management

Date/time: November 2nd 12-1pm PT

Confirmed speakers: Robyn Roscoe (Lyric Management Principal; BC Cancer Genome Sciences Centre, Director of Management and Administration)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_7205mC0isLkgSKW

Time & Project Management Essentials: Session 3 of 4

Topics: Taking control of your week

Date/time: November 24th 12-1:30pm PT

Confirmed speakers: Carolina Tropini (SBME Assistant Professor)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6X61YBzrQQc5tgG

Time & Project Management Essentials: Session 4 of 4

Topics: When making plans doesn't materialize

Date/time: December 1st 12-1:30pm PT

Confirmed speakers: Carolina Tropini (SBME Assistant Professor)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_behW6FEhICbfMuq

Getting the Most out of Your Grad School Experience

Topics: "Design your life" principles

Date/time: October 13th 12-1:30pm PT

Confirmed speakers: Jacqui Brinkman and Danielle Barkley (UBC Faculty of Graduate and Postdoctoral Studies)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_cw1iHupX3VUbu5w





Wellbeing in Intellectually-Demanding Careers

Topics: TBD

Date/time: January 11th 12-1:30pm PT

Confirmed speakers: Carolina Tropini (SBME Assistant Professor)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_8qQj0ePREvJ1EgK

Effective Lay Scientific Writing and Presentations

Topics: The “why” and the “how”; hands-on workshop and pre-work.

Date/time: TBD

Confirmed speakers: TBD

Pre-register here to be notified once registration is available: https://ubc.ca1.qualtrics.com/jfe/form/SV_8vu1gM45dl8FPJc

Stream 4: Leadership: PIs as CEOs

Complementary component: Leadership Coaching Services, UBC

What is Leadership?

Topics: Leading vs. managing a team; leadership best practices

Date/time: September 17th 12-1pm PT

Confirmed speakers: Joshua Myers (BC Centre for Ability, Executive Director)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_5tpmqj0yT7X2VMi

Effective PI-Trainee Relationships: Session 1

Topics: What is excellent graduate supervision?

Date/time: October 1st 12-1pm PT

Confirmed speakers: Brianne Howard and Theresa Rogers (UBC's Faculty of Graduate and Postdoctoral Studies)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_3meD48VF2dinbts

Effective PI-Trainee Relationships: Session 2

Topics: Building a strong student-supervisor relationship

Date/time: October 15th 12-1pm PT

Confirmed speakers: Brianne Howard and Theresa Rogers (UBC's Faculty of Graduate and Postdoctoral Studies)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_d551hJsDiLbDsJE

Authentic Leadership

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: October 29th 12-1:30pm 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_784ZmRXey2rOF8y



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: November 5th 12-1pm PT

Confirmed speakers: Joanna Shea (The Negotiations Collective, Managing Partner)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_8953NqpdPZRSDmm

Situational Leadership

Topics: Personalizing your management style for each member of your team

Date/time: November 26th 12-1pm PT

Confirmed speakers: Pamela Potts (Starfish Medical, Director of People and Culture)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_1ZhMjEGIOsLHVFI

Creating a Culture

Topics: Crafting and sharing a vision

Date/time: December 3rd 12-1pm PT

Confirmed speakers: Miguel Eichelberger (SBME Communications and Engagement)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_404gEnNK0mUgns0

Time Management as a Leader

Topics: Essentials of productive teams; project management basics; prioritizing and time management; running effective lab meetings

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

Confirmed speakers: Dee Dee Sung (UBC's ALDP Program Director and Executive Coach)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_6LSZYEewMiiprzo



Impostor Syndrome and Perfectionism: Strategies for New Leaders

Topics: TBD

Date/time: February 4th 12-1pm PT

Confirmed speakers: Isabeau Iqbal (ICF Certified Career Coach)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_djvs0EHHTME4Mjs

Nurturing the Next Generation

Topics: Supporting diverse career aspirations and paths; encouraging professional development and extracurriculars; leveraging your network to support your team

Date/time: March 4th 12-1pm PT

Confirmed speakers: Leonard Foster (Biochemistry and Molecular Biology Professor & Head; Killam Award Winner for Excellence in Mentoring)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_37U2iqgRvVgsj6m

Enriching Your Lab's Resources

Topics: Participating in fundraising for your lab

Date/time: April 1st 12-1pm PT

Confirmed speakers: Angela Turner and Violetta Yan (UBC Development)

Registration link: https://ubc.ca1.qualtrics.com/jfe/form/SV_8voHxSkxtF1hcA6