BC Children's Hospital

CBR
THE CENTRE FOR BLOOD RESEARCH

SBME UBC
SCHOOL OF BIOMEDICAL ENGINEERING

BCCHR, CBR, AND SBME PRESENTS:

CAREER EXPLORATION PANEL

JULY 13, 2021 | 10:00-11:30am

2021 BCCHR | CBR | SBME
CAREER EXPLORATION PANEL

In this interactive panel discussion, you will learn about various career paths you can consider post-graduation, including industry, academia, and medicine. The conversation will be guided by a moderator, who will steer the discussion and invite questions from the audience. Panelists will speak about their career journey, their current position, as well as career and job-seeking advice for current students.

Priye Iworima | Moderator

PhD Student, Kieffer Lab
School of Biomedical Engineering, UBC

Priye is a Nigerian-Canadian BME student whose research focuses on developing a differentiation protocol to generate stem cell-derived insulin-producing cells that may be used as a potential therapy for type 1 diabetes. She is also interested in optimizing bioprocess parameters for large-scale manufacturing of stem cell-derived products. In her free time, she loves travelling to explore new places and cultures, music, eating and socializing with friends and family.

Taneille Johnson, MD MHSc

Co-Chief Resident, BC Children's Hospital,
University of British Columbia

Taneille is currently in the final year of her pediatric residency at BC Children's Hospital. She graduated from UBC's medical school and recently completed her masters in epidemiology at UBC. She hopes to continue her training in pediatric intensive care after residency. Her research interests are pediatric sepsis and teaching procedural skills to medical students and residents.

Ananth Ravi, PhD, MCCPM

Chief Science & Clinical Officer, Co-founder
MOLLI Surgical

Throughout his career, Dr. Ravi has sought to improve the patient experience. He is the only medical physicist ever to win the Human Touch Award, which recognizes a passion for improving the quality of care for cancer patients within Ontario.

Dr. Ravi has a history of peer-reviewed research focused on improving image guidance for medical procedures ranging from radiation to surgical oncology techniques. His primary focus has been on making precision surgery simpler through targeted innovation and increasing access to high-quality care. Dr. Ravi is co-inventor on numerous patents, has authored several publications, and has garnered grants for medical device innovations.

Dr. Ravi's commitment to improving the treatment process for patients inspired him to develop the magnetic tracking technology that resulted in the creation of MOLLI Surgical. Prior to co-founding the company, he was a certified medical physicist at Sunnybrook Odette Cancer Centre and clinical operations lead, brachytherapy.

Dr. Ravi completed his doctoral studies at the University of Toronto. He holds faculty appointments at Sunnybrook Research Institute, the University of Toronto, and Ryerson University.

Christine Genge, PhD

Manager, Recruitment
STEMCELL Technologies

Christine Genge first joined STEMCELL Technologies as a Scientific Inside Sales Representative after completing her PhD in molecular cardiac physiology at SFU. As a pilates teacher in her spare time, Christine has a knack for connecting and engaging with people. She has now combined this talent with her scientific expertise as she heads up the Talent Acquisition Team at STEMCELL. Having transitioned from an academic research background into industry, she is passionate about helping STEMCELL grow through bringing in others committed to moving science forward.

Robyn Newell, PhD

Lecturer, SBME

Dr. Robyn Newell is a Lecturer in UBC's School of Biomedical Engineering (SBME). She currently teaches three undergraduate engineering courses with SBME: 2nd year and 3rd year Biomechanics, and 4th year Capstone design. She received her bachelor's in Mechanical Engineering and Masters in Biomedical Engineering from Dalhousie University. She completed her PhD in neck injury biomechanics at UBC and completed a post-doctoral fellowship in the area of computer assisted spinal surgery at UBC.

Nika Shakiba, PhD

Assistant Professor, SBME
Co-founder, Advice to a Scientist (AtaS)

Dr. Nika Shakiba is an Assistant Professor in the School of Biomedical Engineering (SBME) at UBC. Her research program applies a combined systems and synthetic biology approach to reverse- and forward-engineer the role of cell competition in developmental and stem cell systems. Prior to joining SBME, Nika was a Postdoctoral Fellow in the Department of Biological Engineering at MIT and completed her PhD in Stem Cell Bioengineering at the UofT. She is passionate about providing equity in mentorship and advice access through her latest project, Advice to a Scientist.