

**Undergraduate Research Showcase
Presentation Descriptions
January 26, 2023 4:00-6:00pm
Sawchuk Family Theatre COM 104**

It Takes a Village

Rebecca Reitsma - Bachelor of Human Kinetics

Coming from the perspective of someone who had no clue about navigating undergraduate research, I will speak to my experience of how I started, and the valuable technical skills I acquired during my first research project. My perspective on research has completely shifted now that I'm completing my undergraduate Honour's, but it wasn't always so clear. This session will speak to the family, supportive culture I've experienced in the Diabetes Prevention Research Group. Lastly, I'll provide a brief description of my current research, how it relates to past courses I've taken, and the doors it has opened for me - doors that I had only dreamt of.

Development and Application of Educational Module on Eating Disorders (ED)

Mona Huang, Bachelor of Science in Microbiology;

Lakoda Thomas, Bachelor of Science in Psychology

The Materials and Manufacturing Research Institute (MURPH) program is a unique multidisciplinary research experience for students where researchers of different fields collaborate and address public health topics. This multidisciplinary collaboration brings diverse perspectives together to work towards actionable change in how eating disorders are recognized, diagnosed and treated within the health field and the community at large. The project is set to take 20 weeks and is currently in progress. So far there have been incredible opportunities for growth and learning, such as literature review, time management, communications and public speaking skills. The presentation will highlight the special opportunities that MURPH has provided to us as student researchers, and the variety of skills that we have learned throughout the process, specifically how it had expanded our knowledge and shaped us as better researchers.

My Undergrad Research Era

Sarah Craven, Bachelor of Human Kinetics

To tell the journey of my undergrad research era, I am using social media inspired posts that highlight what I think an influencer would share if they were involved in undergraduate research here at the University of British Columbia Okanagan. Social media is often criticized for only showing the "good" going on in people's lives; however, from my experiences there are many challenges that ought to be included in any undergrad researcher's social media feed. These challenges taught me valuable lessons that will stay with me beyond undergrad including how to combat "what if" thinking and prioritizing work/life balance. An undergrad researcher's highlight reel would be filled with the best moments of being involved in research. For me, my

highlights would be seeing my research projects take shape after all the hours of work in addition to the lasting connections I've made. My experience in undergrad research has inspired me to continue into my master's research era at UBCO in September.

White Mountain Expedition

Justin Monteleone, Health and Exercise Sciences

In September, I was fortunate to join a Health and Exercise Sciences lab, on a high-altitude expedition to White Mountain in California, which was located 3800 meters above sea level. Our group consisted of 25 researchers who lived at the research base for 15 days. We conducted a variety of studies which focused on human physiology in respect to the lack of oxygen known as hypoxia. There were labs there from different parts of the world all with the same main focus of hypoxia research. As an undergraduate student, this was my first time seeing field research, so I was able to try and learn multiple skills and techniques. This presentation will share my exposure and introduction to research and the relationships I made through this experience.

RESPECT Magazine: Students as Partners

Ximena Cayo Barrantes, Bachelor of Arts in Psychology with a minor in Cultural Studies;

Élise Machado, Bachelor of Human Kinetics;

Jiayi (Nancy) Lu, Bachelor of Science in Psychology with a minor in Biology

In this presentation, we share an interdisciplinary project that promotes student engagement on equity, diversity and inclusion (EDI). Planned as a student focused and student run e-magazine with complex and multidimensional viewpoints on EDI, the digital magazine has the capability to have students as collaborators and contributors. Through the magazines mission and published works, we seek to 'support an agenda for social justice that is strengthened by diversity' (Gilpin & Liston, 2009, p. 5) of student voice and perspectives from multiple disciplines. This project uses 'students as-partners' model (Rankin et al., 2022, p. 3) to, for instance, develop the digital platform, identify themes, promotional material, call for submission, editorial discussion, and engagement with the community. Examples from published texts will be shared to demonstrate how EDI issues have been interpreted by contributors.