Overview

SFU Applied Sciences Outreach offers fun, engaging workshops and resources that encourage youths to explore topics in Science, Technology, Engineering, Arts and design, and Mathematics (STEAM). We aim to not only enhance STEAM literacy among youths in BC, but also foster an appreciation of how science can be used to make sense of the world we live in and improve how we do things.

About STEM Speaker Series

“What should I study in university?”

“What are my career options if I’m interested in STEM?”

“What is university like?”

If you are a Grade 9-12 student and these questions are on your mind, then perhaps this is the right event for you! The Science, Technology, Engineering, and Mathematics (STEM) Speaker Series provides secondary school students with the opportunity to meet and interact with university students, faculty members, and/or working professionals in STEM fields.

During this event, our guest speakers will present and discuss their research and/or the work they do in their profession. They will also talk about their career path and what made them pursue the field they are in. Finally, there will be a Q&A session for students to ask questions and interact with our guest speakers. This speaker series is also open to the public as we want to encourage parents, guardians, and teachers to join us in supporting youths who are interested in pursuing post-secondary studies in these disciplines.
Meet our speaker: Grayson Vanderbyl (she/her)

Service Administrator and Health and Safety Coordinator at Finning Canada
Registered member of the Alberta Society of Professional Biologists (BIT)

With nearly a decade of practical and theoretical knowledge of Canadian resource industries including mining, oil and gas, forestry, parks, and fisheries, I am dedicated to a career path preserving the environment while maintaining a healthy economy.

After attaining a diploma in Heavy Equipment Service Technology from GPRC in 2015, I went on to graduate with Honors from UNBC in 2020. I have a BSc for Natural Resource Management, specializing in Wildlife and Fisheries Science. Throughout my post-secondary education, I was awarded various grants and scholarships such as a USRA from NSERC (2019) to study heat transfer properties of fresh-water salmonids during their migration up the rivers from the ocean. I also held a position as a Teaching Assistant at UNBC in Introductory Biology (2019).

Growing up in the Yukon fishing, camping, hiking, gardening, mountain biking, and canoeing, I learned the importance of responsible harvest and proper management techniques to ensure that generations to come will enjoy the many benefits of our vast and beautiful country. Now working for Finning, a heavy equipment dealership, I am heavily involved in the mining community and maintaining a safe and healthy workplace for all our staff.
Schedule

Date: July 24, 2021 (Saturday)
Time: 1:00-2:00 pm
Grade: 9-12

Sign-up link: http://websurvey.sfu.ca/survey/403839844

The deadline to sign up is July 18, 2021 (Sunday) at 11:59 pm. A confirmation email with a Zoom link to the event will be sent to students by July 19, 2021 (Monday) at 5:00 pm. The meeting link will be opened 30 minutes before the talk starts for students to test their setup (e.g. is your audio working?).

Contact

If you have questions, please do not hesitate to contact Eva (Outreach Programs Coordinator, SFU Faculty of Applied Sciences) at sacoord@sfu.ca.

Supported by

Science AL!VE is also a proud network member of Actua, a national charity that is preparing youth, age 6-26, to be innovators and leaders by engaging them in exciting and accessible STEM experiences that build critical employability skills and confidence.
Welcome to the STEM Speaker Series! This speaker series provides secondary school students with the opportunity to meet and interact with role models in STEM fields. This speaker series is also open to the public as we want to encourage parents, guardians, and teachers to join us in supporting youths who are interested in pursuing post-secondary studies in these disciplines. Before you join us, there are some guidelines we need everyone to follow to maintain the safety of everyone involved. See below for our Virtual Community Guidelines.

**Personal Safety:** We take safety seriously. If harm is disclosed or discussed (harm to self, or harming others) then we will take the appropriate steps to ensure your continued safety and the safety of those around you. Threats about others personal safety will not be tolerated.

**Respect:** Treat those online as you would treat them in-person that is with respect, dignity, and care.

**No Hate Speech or Bullying:** Bullying, discrimination, and harassment of any kind will not be tolerated.

**Communication:** Communication is encouraged in this workshop. Communicate with respect and listen to others when they speak or share ideas, which includes when sharing ideas out loud or via the chat function. Mute your microphone when not speaking and only turn your video on if you feel comfortable to do so.

**Privacy:** Respect the privacy and personal information of those in the shared virtual space by not sharing information that is not your own. Respect your own privacy by not sharing any personal information with those you do not know. Sharing of the Zoom link with those outside of the specific intended group is strictly prohibited.

**Copyright:** There will be no recording of anything that happens in this space, which includes participants and instructors taking pictures, recording parts of the workshop or recording their screen during any part of the workshop.

By joining our STEM Speaker Series, you are considered to be in agreement with the above community guidelines. We will take the appropriate actions if any of the above guidelines are violated. Depending on the situation, this may result in revoking participation in the remaining events/workshops. Thank you in advance for your commitment for keeping our virtual events and workshops engaging, safe and of course, fun!