

SFU APPLIED SCIENCES OUTREACH & SCIENCE ALIVE FREE YOUTH PROGRAMS



STEM SPEAKER SERIES

The STEM Speaker Series provides high school students with the opportunity to learn about STEM topics and careers through the expertise and perspectives of university students, faculty members, and working professionals in STEM fields. You can also check out past events here:

<https://sciencealive.ca/ss-past-speakers>.

Using Sound Waves to Inspect Cracks in Train Systems

April 26, 2025 | 1:00 pm - 2:00 pm | Online | Grades 8-12

Zhen (Lisa) Li is a PhD student in the Vehicle-Track Interaction Research Group at SFU, supervised by Dr. Kevin Oldknow. Her work focuses on using sound waves to inspect surface-level damage, such as shallow cracks, in train wheels and tracks.

Understanding ALS: The Genetic Mystery Behind TDP-43

May 24, 2025 | 1:00 pm - 2:00 pm | Online | Grades 8-12

Josephine Esposto is currently a PhD student in the Environmental and Life Sciences program at Trent University. Her research is focused on protein therapeutics and misfolding in ALS, with an emphasis on the biochemical mechanisms of TDP-43 proteins.

[REGISTER FOR THE SPEAKER SERIES HERE](#)

SUBSCRIBE TO OUR OUTREACH COMMUNITY PROGRAMS NEWSLETTER

Interested in hearing more about Science ALIVE programs throughout the year? Sign-up for our monthly newsletter which lists our current free and paid youth programs in a community near you as well as teacher professional development opportunities and resources.

[APPLY TO WORK AT SCIENCE ALIVE](#)

[APPLY TO VOLUNTEER AT SCIENCE ALIVE](#)

Interested in working or volunteering with Science ALIVE? Check out our application pages for more information.

Faculty of Applied Sciences | Outreach and Diversity
Simon Fraser University | 10285 University Dr, Surrey, BC V3T 0N1
Email: fas_outreach@sfu.ca | <https://www.sfu.ca/fas/outreach>

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SFU APPLIED SCIENCES OUTREACH & SCIENCE ALIVE

PAID YOUTH PROGRAMS



SCIENCE ALIVE SUMMER ACADEMY

Summer 2025 | Grades K-8

Our Summer Academy camps registration is now open! Come join Science ALIVE instructors for a variety of Kindergarten to Grade 8 science and technology camps in July and August. Early bird pricing ends May 1, 2025. Bursaries available! Surrey camps to be announced soon.

[REGISTER FOR BURNABY CAMPS](#)

[SIGN-UP TO BE NOTIFIED WHEN SURREY CAMPS OPEN](#)

BURNABY PRO-D DAY CAMPS

April 28, 2025 | 9:00 AM - 3:00 PM | Kindergarten to Grade 6

Join us for a workshop where we explore the world of myths, legends, and science through hands-on experiments and fun activities at this pro-d day camp. Bursaries, snacks and lunch, as well as before and after care are available!

[REGISTER HERE](#)

SCIENCE ALIVE CLASSROOM WORKSHOPS

May-June 2025

For teachers and Parent Advisory Councils, Science ALIVE is back for in-classroom workshops. Choose from a variety of science themed workshops for grades Kindergarten through Grade 7, and have our undergraduate and graduate student instructors guide your class through workshops.

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