

FACULTY OF SCIENCE NEWSLETTER

Monthly newsletter sharing extraordinary work within the Faculty of Science

"The intelligent use of science and technology are the tools with which to achieve a new direction." - Jacque Fresco

EUReKA!



Haytham El Miligi, in the Computing Science Department, initially proposed an idea to help families from the community of Merritt, who were evacuated due to recent flooding, by volunteering to champion an event for youth.

EUReKA! brought hands-on science activities, and a welcomed distraction to 19 youth, running a free 1-day workshop that took place on Sunday, November 28th.

Anti-Racism Training Workshop



The Faculty of Science and Nursing have collaborated in a series of workshops entitled "Righting History". An Anti-

Discrimination and Response Training (A.R.T.) workshop, addressing systemic racism was held on Saturday, November 13th.

Dr. Ishu Ishiyama, Associate Professor, Dept. of Educational & Counselling Psychology & Special Education, UBC, helped faculty members gain the understanding and empathy to become active witnesses capable of taking action in their local and extended communities.

Discover Day: SD73 and TRU Department of Engineering



High school students in grades 10-12 from various high schools throughout SD73 joined the Department of Engineering at TRU for the first Discover Day collaboration – an exciting day of exploring the world of Software Engineering.

The aim of Discover Day is to support students in making successful transition decisions by providing opportunities to gain hands-on experiences.

Faculty, along with first, second, and third-year engineering students interacted with high school students during a day filled with presentations, engineering specific labs, and live demos.

TRU AA Grads - CCAA Certified Exam Results



Congratulations are in order to all the TRU Anesthesia Assistant Diploma graduates for successfully completing the national Canadian Society of Respiratory Therapists (CSRT) Anesthesia Assistant (AA) Examination in October 2021.

Twenty-nine TRU graduates passed the exam, a major requirement for attaining Certified Clinical Anesthesia Assistant certification through the CSRT. TRU graduates made up almost 50% of the total AA exam writers. These TRU graduates are working as integral members of Anesthesia Care Teams across Canada.

Anesthesia Assistants are valued allied health care providers who act as physician assistants, supporting and facilitating the work of physician anesthesiologists in delivering world-class care to patients before, during, and after their surgeries.

Physician anesthesiologists and anesthesia assistants work together as a team to ensure both the comfort and the

safety of every patient requiring anesthesia care.



Scholarships

The Faculty of Science congratulates Sophie Collins (*below left*), a physics major, who has been awarded the Irving K. Barber Indigenous Women in STEM/Tech Scholarship valued at \$10,000.



Publications

Dr. Dariush Ebrahimi, in the Computing Science Department, has recently had two papers published. The first in IEEE Transactions on Intelligent Transportation Systems, "Optimizing Information Freshness for MEC-Enabled Cooperative Autonomous Driving." The second in Elsevier Vehicular Communications, Volume 32, December 2021, 100391, "A cooperative approach for content caching and delivery in UAV-assisted vehicular networks".