



ASSOCIATION OF THE CHEMICAL
PROFESSION OF BRITISH COLUMBIA

2017 Undergraduate Student Member Scholarship awarded to

Lavraj Lidher

**Thompson Rivers
University**



“Chemistry has sparked my curiosity in an unparalleled way time and time again. The Chemical Biology honours program at Thompson Rivers University has propagated my interest in chemistry from numerous enriching experiences, both in class and out. I had a chance to help little scientists with the hydrogen rocket activities at our Regional Science Fair and the TRU Family Night of Science. I also participated in the Chemistry Magic Show at the Family Night of Science. I was an instructor with the EUReKA Science program for two years and created a chemistry workshop called “Crackalackin’ Chem”, which included learning about chromatography, centrifugation and making “alien eggs”. During our summer camps, I organized and performed chemistry lab demonstrations for the senior campers. As part of the Chemistry Biochemistry Club, I volunteered with the chemistry help centre for students with 1st year chemistry and 2nd year organic chemistry questions. My honours project entails the use of ¹H NMR spectroscopy to determine the effects of exercise-derived platelet microvesicles on the secretome of endothelial cells. This project is supervised by Drs. Mark Rakobowchuk and Bruno Cinel and has been supported by an NSERC-USRA. After graduation, I plan to attend professional school or graduate school focusing on NMR or mass spectrometry-based metabolomics.”