

NSERC CREATE

Technology-Enhanced Pharmaceutical Discovery (TEPD)

Student Biography

Liam Surry MSc., McMaster University

"Hello! My name is Liam Surry (he/him), and I am currently in the second year of my master's degree in chemical biology at McMaster University. I am originally from British Columbia, where I completed my undergraduate B.Sc. degree at Vancouver Island University (VIU), with a dual specialty in biological chemistry and molecular/cell biology. I am currently a member of the Britz-McKibbin laboratory studying capillary-electrophoresis mass spectrometry (CE-MS)-based metabolomics. Specifically, I focus on applying CE-MS workflows to high-throughput screening of drugs and their metabolites in urine samples from clinically depressed patients. This work aims to support precision psychiatry by identifying patterns of drug adherence, polypharmacy, and substance use in high-risk individuals. In my spare time, I love cooking and experimenting with meals as well as enjoying the outdoors