



ST. FRANCIS XAVIER
UNIVERSITY

2024 3MT-StFX-Program and Contestants

Overview:

The 3MT Competition highlights the breadth of graduate research undertaken at StFX University. This highly informative academic competition was developed by the University of Queensland in 2008 and is now held in more than 85 countries around the world. Participation in this event allows students to share their research and its impact with a wider audience, enhance their ability to communicate research to a non-specialist audience, refine their public speaking and presentation skills and expand their professional network. The winner of the StFX 3MT® competition will be invited to advance to the 2024 Eastern Regional 3MT Competition which will be hosted in-person by the Institut national de la recherche scientifique (INRS) in Quebec City on Friday, 7 June 2024.

Read about the StFX 2024's 3MT contestants and their work below!

- Recording Sea Slug behaviour and learning in remote areas on the West Coast of Canada, (**Alexandra Reinhardt, MSc. Biology**).
- Plant to Plate: Exploring the Flavour of a Plant-based Alternative Seafood', (**Dorris Onu, MSc. Biology**).
- Regional climate projections for Atlantic Canada under SSP245 and SSP585, (**Freddy Erazo, MSc. Earth and Environmental Sciences**).
- Pedagogical practices that best support the academic success of black students in rural Nova Scotia, (**Shawna-Kay Lawrence, MEd. Faculty of Education**)
- Consequences of minimal use of ultraviolet light as antifouling technology, (**Michael P. Murtaugh, MSc. Biology**).
- Geochemical Analysis of Methane Sources in Cold Lake, Alberta, (**Mackenzie LeVernois, MSc. Earth & Environmental Sciences**).
- Lagrangian Back-Trajectory Dispersion and Mass Balance Models for Methane Emission Localization and Quantification, (**Afshan Khaleghi, PhD Oil and Gas Engineering Physical Sciences**).
- "ChatNPC" (**Ethan Heavey, MSc. Computer Science**).
- Methane emission sources from Canadian landfills, (**Farnaz Farjani, PhD Physical Science at STFX and Civil Engineering at Memorial University**).

- Exploring Teachers' and Their Students' Experiences of a School-Based Yoga Program in the Elementary Classroom, (**Leanne Whiting, MEd. Faculty of Education**).

Program Overview

Venue: MH 3034

Start at 2:30 pm

- Land Acknowledgement & Welcome: Dr. Richard Isnor
- Opening Remarks: Dr. Marcia English

2: 50 to 4 pm:

- Student presentations:
- Vote for People's choice award

4 pm

- Presentation of Prizes

4:15 pm

- Closing remarks, Dr. M. English
- Photos with participants.

Judges:

Essential to the success of the 3MT competition is the participation of presentation judges! Judges will evaluate the participants on following criteria: comprehension and content, as well as engagement and communication. The judges for this year's competition include:

- Dr. Melanie Lam, (Department of Human Kinetics)
- Dr. Brian MacLean (Department of Chemistry)
- Dr. Ornella Nzindukiyimana (Department of Human Kinetics)
- Dr. Jessie McNichol (Biology Department)

Prizes:

First Place Presentation – \$250

Second Place – \$150

People's Choice - \$100

Read about the contestants and their work below!

Participants

1. "ChatNPC", Ethan Heavey, MSc Computer Science