

Katelyn Mountjoy
McMaster University
Hamilton, ON, Canada

History of employment

Co-Chair, CUPE 3906 Organizing Committee
October 2023–Present, McMaster University

Teaching assistant
September 2022–May 2024, McMaster University

Scientific editor,
November 2013–May 2022, Freelance

Degrees

MSc, September 2022–Present
McMaster University

- MSc in earth and environmental science at McMaster University’s School of Earth, Environment and Society

Honours BSc, September 2007–June 2012
University of Toronto

Research experience

Canadian Geophysical Union (CGU) Annual Meeting,
May 2024, Carleton University

- “Examining the effects of tropical cyclones on coastal aquifers using diatom microfossils.”

Student Canadian Geophysical Union (Student CGU) and Canadian Young Hydrologists’ Society (CYHS) Conference
April 2024, McMaster University

- “Examining the effects of tropical cyclones on coastal aquifers using diatom microfossils.”

American Geophysical Union (AGU) Annual Conference
January 2024, Virtual

- “Radionuclides as a driving factor of Arctic climate change.”

Graduate Science Symposium,

December 2023, McMaster University

- “Aquifer hydrology in the Yucatan Peninsula with an emphasis on the Classic Maya Decline”

Emerging Mobility Scholars Conference
June 2023, University of Toronto

- “Radionuclides as a driving factor of climate change”

McMaster University’s Grad Research Presentation Day and Industry Panel event
April 2023, McMaster University

- “Aquifer hydrology in the Yucatan Peninsula with an emphasis on the Classic Maya Decline”

Publications

- “Radionuclides as a driving factor of Arctic climate change” (2024) (research poster preprint, presented at the 2024 American Geophysical Union (AGU) Annual Meeting), ESS Open Archive, <https://doi.org/10.22541/essoar.171988231.18889095/v1>

Honors

- Global Experience award, McMaster University, June 2024
- American Geophysical Union (AGU) Hydrology Section Bridges to the Future grant, AGU, May 2024
- Ocean Startup Challenge Winner Shortlist, October 2022
- High Distinction with my Honours BSc, University of Toronto, November 2012
- Dean’s List Scholar, University of Toronto, April 2012

Professional society memberships

- Member, AGU (American Geophysical Union)
- Member, CGRP (Canadian Geomorphology Research Group)
- Member, CGU (Canadian Geophysical Union)
- Member, ISDR (International Society for Diatom Research)