# Connor O’Loughlin

Michigan Technological University

Biological Sciences

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## Education

### Michigan Technological University - PhD, 2029 (expected)

* Dissertation Advisor: Trista Vick-Majors.

### Northern Michigan University - B.S., 2023

* Major: Environmental Science.
* Minor(s): Biology and Chemistry.
* Wildcat Achievement Award, National Academic Award.

## Professional Experience

### Graduate Research Assistant – Michigan Technological University, 2024 - Present

### Student Research Intern – Pacific Northwest National Laboratory, 2024

### Student Research Intern – Argonne National Laboratory, 2022

## Fellowships and Awards

* 1st Place Paper Presentation, American Association of Geographers, 2022 ($1,000 travel award).
* Most Outstanding Undergraduate Presentation, American Association of Geographers, 2022 ($100 award).
* GLRC Travel Award, 2025 ($750 travel award).

## Publications and Scholarly Work

* **O’Loughlin, C.C.,** Flynn, T.M., Kemner, K.M., Weishorn, P.B., O’Loughlin, E.J.: Inhibition of methanogenesis by 9,10-Anthraquinone-2-carboxylic acid (AQC). In preparation for *Microorganisms*.

## Selected Conferences and Presentations

* “Seasonal Variation in Microbial Community Dynamics and Organic Matter in the Great Lakes”, International Association of Great Lakes Researchers (IAGLR) Annual Meeting, Milwaukee, WI, June 3, 2025.
* “Chemical Inhibitor of Methanogenesis: The Complete Story”, American Association of Geographers (AAG) Annual Meeting, Denver, CO, March 24, 2023.
* “Chemical Inhibitor of Methanogenesis: How Does It React in Different Environments?” East Lakes Division of the American Association of Geographers (ELDAAG) Annual Meeting, Muskegon, MI, October 28, 2022.
* “Investigating the Hydrological Connectivity of Forested Mitigation Wetlands Between 2019 - 2021, in Marquette, Michigan, USA” Joint Aquatic Sciences Meeting, Grand Rapids, MI, May 18, 2022.

## Service

* Exhibitor – Great Lakes Research Center (GLRC), International Association of Great Lakes Researchers (IAGLR) Annual Meeting, Milwaukee, WI, 2025.
  + I volunteered for 6 cumulative hours and was responsible for replenishing materials and answering questions concerning the GLRC.
* Poster Judge – Senior Capstone, April 14, 2025
  + I volunteered for 2 cumulative hours and was tasked with judging three poster presentations.

## Memberships in Associations and Institutional Affiliations

* Gamma Theta Upsilon (2022 – present).
* International Association of Great Lakes Researcher (2025-Present).
* American Geophysical Union (2025-Present).
* American Association of Geographers (2022-2024).
* Society of Wetland Scientists (2022-2023).

## Primary Advisor Contact Information

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