

**Connor O'Loughlin**  
Michigan Technological University  
Biological Sciences  
1400 Townsend Dr.  
Houghton, MI 49931  
(630)-750-1165  
ccolough@mtu.edu

## **Education**

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

- Dissertation Advisor: Trista Vick-Majors.

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

- Major: Environmental Science.
- Minor: 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**

- 1<sup>st</sup> 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) (Expected 2026). *Microorganisms* (Manuscript still being edited by authors).

## **Selected Conferences and Invited Presentations**

- “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.

- “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.
- “Chemical Inhibitor of Methanogenesis: The Complete Story,” American Association of Geographers (AAG) Annual Meeting, Denver, CO, March, 24, 2023.
- “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.

### **Memberships in Associations and Institutional Affiliations**

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