

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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