

ALLISON N. KNEISEL

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Ph.D. Candidate, University of Wisconsin-Madison, Department of Integrative Biology, WI
Advisor: Dr. Monica G. Turner

EDUCATION

Central Michigan University

M.S. in Biology

Advisor: Dr. Donald G. Uzarski

Thesis: *Impacts of invasive Phragmites australis on macroinvertebrate communities of Great Lakes wetlands*

Grand Valley State University

B.S. in Natural Resource Management, Minor in Spanish

RESEARCH

Graduate Research Assistant,

Spring 2024 - Present, Department of Integrative Biology, University of Wisconsin - Madison

Wetland Ecology Laboratory Manager

May 2017 – July 2022, Institute for Great Lakes Research, Central Michigan University

Graduate Research Assistant,

Spring 2017 Department of Biology, Central Michigan University

Wetland Research Technician

Summer 2015, Institute for Great Lakes Research, Central Michigan University

Waste Management Intern

Spring 2015, West Michigan Sustainable Business Forum

Summer Research Assistant

Summer 2011, 2012, Annis Water Resources Institute, Grand Valley State University

TEACHING

Coordination of Teaching Assistants – Introductory Biology Lab

Fall 2023, Department of Integrative Biology, University of Wisconsin - Madison

Teaching Assistant - Introductory Biology Lab

Fall 2022-Spring 2023, Department of Integrative Biology, University of Wisconsin - Madison

Teaching Assistant - Biology for Non-Majors

Fall 2016, Department of Biology, Central Michigan University

PUBLICATIONS

Kneisel, A.N., M.J. Cooper, A.K. Monfils, S. Haidar, and D.G. Uzarski. 2020. Ecological data as a resource for invasive species management in U.S. Great Lakes coastal wetlands. *Journal of Great Lakes Research*. 46 (4): 910-919. <https://doi.org/10.1016/j.jglr.2020.01.006>.

PRESENTATIONS

Kneisel, A.N., M.G. Turner. June 2024. Abrupt change in long-term lake data: Detection and patterns. Association for the Sciences of Limnology and Oceanography Aquatic Sciences Meeting. Madison, Wisconsin. (Presentation)

Kneisel, A.N., M.G. Turner. February 2024. Carbon storage in Madison's urban ponds. University of Wisconsin – Madison Arboretum Research Symposium. Madison, Wisconsin. (Poster)

Kneisel, A.N., M.G. Turner. August 2023. Where is carbon stored in the landscape of a midwestern city? Ecological Society of America Annual Meeting. Portland, Oregon. (Poster)

Kneisel, A.N., D.G. Uzarski. May 2022. The development of a macroinvertebrate index of biotic integrity for Michigan palustrine wetlands. Joint Aquatic Sciences Meeting. Grand Rapids, Michigan. (Poster)

Kneisel, A.N., M.J. Cooper, D.G. Uzarski. September 2018. Coastal wetland monitoring data as a resource for invasive species management. ELLS-IAGLR Big Lakes Small World Conference. Évian, France. (Poster)

Kneisel, A.N., M.J. Cooper, D.G. Uzarski. May 2016. The impact of *Phragmites australis* invasion on macroinvertebrate communities in the coastal wetlands of Thunder Bay, MI. IAGLR Conference on Great Lakes Research. Guelph, Ontario. (Presentation)

OTHER PROFESSIONAL CONTRIBUTIONS

Co-author. 2021 US EPA State of the Lakes Ecosystem Conference (SOLEC) Great Lakes Indicator report on Coastal Wetland Fish Community Health and Macroinvertebrate Community Health.

Co-author. A.N. Kneisel and D.G. Uzarski. November 2019. Using Indices of Biotic Integrity for Assessing Wetland Health in Michigan. Prepared for Michigan Department of Environment, Great Lakes, and Energy.

Panelist. September 20, 2019. Great Lakes Coastal Wetlands Collaboration Panel: Aligning targets for tracking progress across state and international boundaries. Great Lakes Coastal Wetlands Symposium. Oregon, Ohio.

Contributor. 2019 US EPA State of the Lakes Ecosystem Conference (SOLEC) Great Lakes Indicator report on Coastal Wetland Fish Community Health and Macroinvertebrate Community Health.

ADDITIONAL TRAINING

Coastal Wetland Monitoring Macroinvertebrate Taxonomic Workshop, February 2017
Central Michigan University, Mount Pleasant, Michigan

Working with Invasive Species Workshop, December 2016
Saginaw Conservation District, Mount Pleasant, Michigan

SERVICE

Biology Colloquium Graduate Student Representative
Department of Integrative Biology, University of Wisconsin – Madison, 2024

AWARDS

Early Excellence in Teaching, Dorothy Powelson Award, University of Wisconsin - Madison, 2024

FELLOWSHIPS AND SCHOLARSHIPS

Marion Whitney Summer Graduate Scholarship, Central Michigan University 2016

Daniel E. and Mildred G. Wujek Scholarship, Central Michigan University 2016

College of Graduate Studies Research Assistantship, Central Michigan University 2015 – 2016

Distinction Faculty Scholarship, Grand Valley State University 2009 – 2013