

ALLISON N. KNEISEL

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

E-Mail: Ankneisel @ wisc.edu

EDUCATION

- | | |
|------|--|
| 2022 | M.S. in Biology
Central Michigan University
Thesis: <i>Impacts of invasive Phragmites australis on macroinvertebrate communities of Great Lakes wetlands</i> |
| 2013 | B.S. in Natural Resource Management, Minor in Spanish
Grand Valley State University |

RESEARCH

- | | |
|------------|---|
| 2024 | Graduate Research Assistant, Dept of Integrative Biology, University of Wisconsin - Madison |
| 2017-2022 | Wetland Ecology Laboratory Manager, Institute for Great Lakes Research, Central Michigan University |
| 2015-2017 | Graduate Research Assistant, Dept of Biology, Central Michigan University |
| 2015 | Wetland Research Technician, Institute for Great Lakes Research, Central Michigan University |
| 2015 | Waste Management Intern, West Michigan Sustainable Business Forum |
| 2011, 2012 | Summer Research Assistant, Annis Water Resources Institute, Grand Valley State University |

TEACHING

- | | |
|-----------|---|
| 2023 | Coordination of Teaching Assistants - Introductory Biology Lab (Fall)
Department of Integrative Biology, University of Wisconsin - Madison |
| 2022-2023 | Teaching Assistant - Introductory Biology Lab (Fall, Spring)
Department of Integrative Biology, University of Wisconsin - Madison |
| 2016 | Teaching Assistant - Biology for Non-Majors (Fall)
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)

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

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.

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

2017	Coastal Wetland Monitoring Macroinvertebrate Taxonomic Workshop, Central Michigan University
2016	Working with Invasive Species Workshop, Saginaw Conservation District

SERVICE

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

AWARDS

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

FELLOWSHIPS & SCHOLARSHIPS

2016	Marion Whitney Summer Graduate Scholarship, Central Michigan University
2016	Daniel E. and Mildred G. Wujek Scholarship, Central Michigan University
2015 – 2016	College of Graduate Studies Research Assistantship, Central Michigan University
2009 – 2013	Distinction Faculty Scholarship, Grand Valley State University