

MULTIPLE GRADUATE STUDENT POSITIONS

The Spanbauer Lab at the University of Toledo is searching for multiple graduate students at the PhD level.

Our lab is seeking new members with interests in aquatic ecology, paleoecology, paleolimnology, and molecular ecology. The Spanbauer lab has positions open on multiple projects focused on understanding the impacts of global change on the biodiversity of large lakes across the globe. We are actively recruiting students and postdoctoral researchers to work on 1) a NOAA funded project investigating the historical occurrences of harmful algal blooms in the western basin of Lake Erie using sedimentary archives, 2) an NSF funded project aimed at understanding how climate change impacts food web dynamics in Lake Tanganyika (#2224891), and 3) an NSF project focused on reconstructing past sea-level rise in a coastal freshwater system (#2325894).

Research in the Spanbauer Lab focuses on how aquatic primary production and consumption is impacted by global environmental change over a range of temporal scales ranging from diurnal to centennial. The successful candidate will develop datasets using a combination of modern and ancient environmental DNA datasets recovered from aquatic ecosystems. Other duties will include processing large datasets, mentoring undergraduate students, preparing manuscripts for publication, and delivering presentations at scientific meetings.

Qualification for graduate positions: M.S. in biology, ecology, geology, or a related field. Ideally applicants should have a background and/or familiarity with molecular biology and phytoplankton taxonomy or demonstrated enthusiasm to immerse themselves in these areas. For other graduate admission requirements of the Department of Environmental Sciences at the University of Toledo, please see: <https://www.utoledo.edu/nsm/envsciences/grad/> The University of Toledo is an equal opportunity, affirmative action employer. The University of Toledo does not discriminate in employment, educational programs, or activities on the basis of race, color, religion, sex, age, ancestry, national origin, sexual orientation, gender identity and expression, military or veteran status, disability, familial status, or political affiliation.

Start date: flexible start date beginning as early as Summer 2024

Contact/Email: Please send a single PDF that includes a cover letter detailing your interests and your relevant background experience, a CV, names and contact information for three references, and a list of relevant coursework including GPA to Trisha Spanbauer (trisha.spanbauer@utoledo.edu) with the subject line '2024 Lab Recruitment'. Inquiries made by Dec 15, 2023, will receive full consideration.

Web link: www.trishaspanbauer.com