

Job Opportunity: Water Science Research Technician at Michigan State University



Overview: We are looking for a full-time career-track research technician to join the Hydrology labs in the Department of Earth and Environmental Sciences at Michigan State University. The technician will work with the Watershed Science and Hydroecology Lab (<https://www.zarnetskelab.com>) and the Hydrogeology Lab (<http://hydrogeology.msu.edu>) to support field, lab, and computational water science research. This is a great opportunity to support multiple research projects and researchers seeking to advance our understanding of water resources. The candidate will work both independently and in close collaboration with undergraduates, graduate students, postdocs, and professors in the two labs. Being in an academic environment means regularly learning new skills and working at the frontier of knowledge. Hence, we do not expect candidates to have experience in all aspects of this job. Training will be provided to the technician including general research and specific water science skills. This position is full time, funded for multiple years, and based in East Lansing, MI, USA. This position includes an incredible benefits package with some of the best PTO, retirement, and healthcare available in the US.

The ideal candidate will have experience with:

- Fieldwork in the water sciences
- Laboratory water sample analysis
- Managing field-collected data for use and archiving
- Conducting research that leads to peer-reviewed science products

Key duties will include:

- Assisting with creation of and execution of fieldwork and sampling plans
- Maintaining and preparing field equipment and sensors
- Assuring training in field and laboratory methods
- Preparing samples for analysis
- Operating basic water chemistry analytical instruments
- Analyzing samples for basic water chemistry
- Assisting with data management and computational water science tasks

To Apply: Apply online at <https://careers.msu.edu/jobs/search> under position number **1012771**. Direct link: <https://careers.msu.edu/jobs/research-technologist-ii-east-lansing-michigan-united-states-261e727c-448f-456e-abaf-a1e1ff7a34ae> Complete the application forms and upload the following required documents: 1) a letter of interest detailing qualifications for the position and how it relates to your professional interests, including a list of three professional references with contact information (institution, email address, and phone number), and 2) a resume or curriculum vitae.

Application period closes and review will begin January 20, 2025. Desired start date is in February/March 2025, but the start date is negotiable. Questions about the position should be directed to Dr. Jay Zarnetske at jpz@msu.edu.