

WE ARE CURRENTLY SEEKING: 1 undergraduate assistants for **Fall 2025**.

If you are a passionate, motivated, and hard-working student interested in water quality research with implications for Amherst, MA, please send a CV and statement of interest (~300 words) to us via this google form (<https://tinyurl.com/SoilWaterUMass>), and send questions to tsubuga@umass.edu , rvera@umass.edu, or cdguzman@umass.edu.
Accepting applications until **Sep 30th, 2025 or until filled**.

What to expect:

- Monthly Fieldwork:
 - Data Collection from 13 sites in Lake Warner Mill River Watershed
 - Data: phosphorus concentration, water isotope composition, flow, water temperature, air temperature, stream width, and stream depth
- Weekly lab work
 - Isotope sample processing using Los Gatos Liquid Water Isotope Analyzer
 - Phosphorus sample processing using AQ400 Analyzer
- Weekly data analysis
 - Regional precipitation dataset creation
 - Data visualization tasks

Expected of you:

1. Dedication, determination, and persistence
2. Driver's license
3. Availability ~ typically 10 hrs weekly + a once-a-month 8 hr field day
4. Learn to measure stream Phosphorus concentrations using an AQ400 Analyzer and analyze water isotopes using Los Gatos Liquid Water Isotope Analyzer
5. Perform weekly data analysis tasks

What our group can provide:

1. Mentorship
2. Experimental research training
3. Data analysis experience

