

Looking for research experience in agriculture and the environment?



The Water Quality Research Laboratory (WQRL) in Agricultural and Biosystems Engineering is now hiring undergraduate students as field and laboratory research assistants during **summer 2025**.

Assistants will be working with Dr. Michelle Soupir's research team on water and soil quality issues including bioreactors, nutrient and pathogen transport, and environmental contaminants such as antibiotics and greenhouse gases – please see our website at: <https://www.abe.iastate.edu/soupir/>

Job Duties

Field Research:

- Water, manure, plant, and soil sampling.
- Data recording; data retrieval from sensors.
- Installation and maintenance of environmental monitoring equipment.
- Field site maintenance (weed eating, etc.).
- Outdoor work may involve exposure to wet, dirty, and hot or cold conditions, climbing ladders, lifting up to 60 lbs., and wading in streams.

Laboratory:

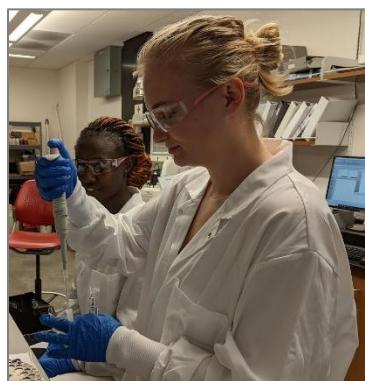
- Assist the staff and graduate students in processing water, soil, plant, and manure samples.
- Perform water quality analyses and microbial plate counts.
- Prepare agar and chemical reagents.
- Computer data entry.
- Washing and sterilization of lab dishes, and general lab cleanup.

Required Qualifications:

- Must perform both field and laboratory job duties.
- Must be enrolled as a student for Fall 2025.
- Requires a valid US driver's license and clearance to drive ISU vehicles.
- Must have problem solving, recordkeeping and organizational skills, and pay careful attention to detail.

Preferred Qualifications:

- Students majoring in agricultural and/or environmental sciences/engineering who are looking for research experience.
- Experience with power tools is a plus.
- No prior laboratory experience is necessary, but completion of one semester of college chemistry and/or microbiology coursework is preferred.



Starting pay: \$14.50/hour, either work-study or non-work-study.

Employment period: May 19, 2025 through August 22, 2025 with a possibility for continued part-time employment in Fall 2025. May be able to start during spring semester 2025 if schedule allows.

Hours available: 40 hours/week. Summer positions can be flexible to accommodate summer classes or travel.

Contact: Apply by **February 7, 2025** for priority consideration. Please email **Leigh Ann Long (lalong@iastate.edu)** a resume and contact information for 3 references.