

Now Hiring: Summer Field/Laboratory Assistants

The Water Quality Research Laboratory (WQRL) in Agricultural and Biosystems Engineering is seeking undergraduate students to assist with field and laboratory research during **summer 2024**.

Assistants will be working with Dr. Michelle Soupir's research team on water and soil quality issues including bioreactors, nutrient and pathogen transport, and contaminants of emerging environmental concern such as antibiotics – 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:

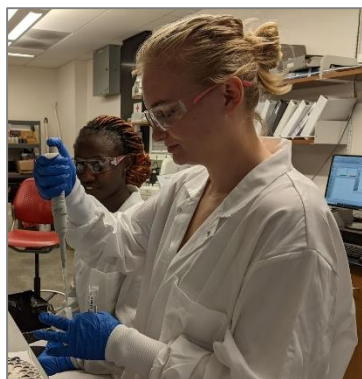
- Assist the staff and graduate students in processing water, soil, plant, and manure samples.
- Perform water quality analyses and microbial plate counts.
- Prepare agar and chemical reagents.
- Computer data entry.
- Washing and sterilization of lab dishes, and general lab cleanup.

Required Qualifications:

- Must perform both field and laboratory job duties.
- Must be enrolled as a student for Fall 2024.
- 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 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 13, 2024 through August 16, 2024 with a possibility for continued part-time employment in Fall 2024. May be able to start during spring semester 2024 if schedule allows.

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

Contact: Apply by **February 2, 2024** for priority consideration. Please email **Leigh Ann Long (lalong@iastate.edu)** a resume and contact information for 3 references.