

Now Hiring: Summer Field/Laboratory Assistant(s)

The Water Quality Research Laboratory (WQRL) in Agricultural and Biosystems Engineering is seeking undergraduate students to assist with field and laboratory research during **summer 2023**.

Assistant(s) will be working with Dr. Michelle Soupir's research team on water 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 collection and retrieval.
- 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:

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

Required Qualifications:

- Must be willing to perform both field and laboratory job duties.
- Must be enrolled as a student for Fall 2023.
- Requires a valid driver's license and clearance to drive University vehicles.
- Must have good 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 chemistry and/or microbiology college coursework preferred.



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

Employment period: May 15, 2023 through August 18, 2023 with a possibility for continued part-time employment in Fall 2023.

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

Contact: Apply by **January 31, 2023** for priority consideration. Please email **Leigh Ann Long (lalong@iastate.edu)** a resume and contact information for 3 references.