



Job Opportunity – General Lab Analyst

1. Project Description:

The Ohio-Kentucky-Indiana Water Science Center of the U.S. Geological Survey in Columbus, Ohio houses a laboratory that investigates microbiological contamination of the Nation's water resources. The Ohio Water Microbiology Laboratory is in need of a student contractor to assist with general laboratory duties and environmental sample analyses. This position will start in May/June 2019 and will be up to full-time during the summer with a potential to continue as part-time into the fall and winter.

2. Description of Student Services:

All work will be done according to Standard Operating Procedures developed by the lab. Strict quality control/quality assurance will be followed.

The student's main duties will include:

- Assisting with sample receipt, log in, and initial processing steps.
- Processing environmental samples for indicator bacteria and viruses using basic filtering and plating techniques.
- Preparing media and reagents.
- Performing quality control checks of equipment and supplies.
- General upkeep and maintenance of the lab and equipment.

3. Required Expertise/Skills:

The student should have general background knowledge in biology, environmental science, and/or microbiology. Essential skills must include the ability to keep accurate records, the ability to follow established lab protocols and quality-control procedures, and the use of common computer software.

4. Description of Working Conditions:

Student will be working in a Biosafety Level 2 laboratory. Student will be required to wear long pants and closed-toed shoes, as well as safety glasses, gloves, and lab coats when working in the lab. All personal protective equipment will be provided by the USGS. Laboratory duties may require prolonged periods of standing and manual dexterity. There is walking, bending, and lifting of samples and coolers.

5. Compensation:

Compensation is commensurate with the level of education and experience, as follows: \$13.70 per hour for a student who meets the above criteria. The student is responsible for all costs of transportation to and from the principal duty station location. The Government does not provide housing, meals, or other living expenses while working at the principal duty station.

6. Principal Duty Station & Technical Point of Contact:

Ohio-Kentucky-Indiana Water Science Center
Columbus Office
6460 Busch Blvd (Suite 100)
Columbus, Ohio 43229

Technical POC: Amie Brady, amgbrady@usgs.gov, 614-430-7760

The student may enter the building only during business hours or when approved by the Technical POC or their designee.