Employment Opportunity

Laboratory Technician

Annis Water Resources Institute
Grand Valley State University

Job Description
Drs. Ryan Otter and Charlyn Partridge are hiring two (2) Laboratory Technicians with shared responsibilities across three areas: 1) molecular biology; 2) wet chemistry; and 3) field work. Current projects include but are not limited to pathogen monitoring in wastewater (e.g., COVID-19, RSV, Norovirus), whole genome sequencing of pathogens, E. coli monitoring of public beaches, molecular source tracking of fecal indicator bacteria, eutrophication of Great Lakes and in-land waterways, forest pest monitoring using molecular approaches (e.g., hemlock wooly adelgid).

Details
Start Date: January 3, 2024
Location: Muskegon, MI
Term: 2 years guaranteed (renewable; contingent on funding)
Pay: ~$30k-$35k plus benefits

Qualifications
Required: B.S. degree in biology, chemistry, biomedical sciences, or related field.

Key Responsibilities (training available):
- General laboratory sample preparation (advanced aseptic techniques, low volume pipetting, reagent preparation, PCR plating)
- Biosafety Level 2 Laboratory certification
- Laboratory analysis (DNA/RNA extractions, qPCR, ddPCR plating, DNA sequencing)
- Field work (local/regional collection of aquatic and terrestrial samples)
- Data analysis and visualization

More information
Otter Lab: https://www.gvsu.edu/wri/otter/
Partridge Lab: https://cpartrige4.wordpress.com/
Annis Water Resources Institute: https://www.gvsu.edu/wri/

Contact
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