

## 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://cpartridge4.wordpress.com/>

Annis Water Resources Institute: <https://www.gvsu.edu/wri/>

### Contact

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