Owen Placido

Greenville, RI (401) 400-9293 oplacido@uri.edu

LABORATORY TECHNICIAN

Posting Details

Operating Title	LABORATORY TECHNICIAN
Summary of Position	We seek a skilled laboratory technician to assist in processing environmental samples for our wastewater surveillance program. The position would be hourly, up to 40 hours per week, with a pay range $25-32/hr depending on experience. Start date would be Oct 19, 2020 or as soon as possible.
Campus Location	Durham, NH
Required Qualifications	Preferred Qualifications: 1. Undergraduate degree in environmental engineering, earth science, environmental science, microbiology, or a related field. 2. High attention to detail and ability to focus on specific laboratory protocols. 3. Experience working in a field or laboratory setting or willingness to learn. This includes environmental sample collection/tracking, sample manipulation in hoods, and implementation of molecular protocols such as RNA extraction and gene amplification. 4. Experience using sensitive laboratory equipment. 5. Good communicator and team player 6. Assistance with sample collection preparation and execution when needed. 7. Valid motor vehicle operator’s license

Owen Placido

Greenville, RI (401) 400-9293 oplacido@uri.edu

Preferred Qualifications	8. Must be able to wear and use appropriate personal protective equipment as necessary
Physical Demands	
FTE	100
Salary Information	$25-32/hr depending on experience

Posting Number	ASP0405FY20
Open Date	10/06/2020
Close Date	
Open Until Filled	Yes
EEO Statement	The University System of New Hampshire is an Equal Opportunity/Equal Access/Affirmative Action employer. The University System is committed to creating an environment that values and supports diversity and inclusiveness across our campus communities and encourages applications from qualified individuals who will help us achieve this mission. The University System prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status, genetic information, and political orientation. Application by members of all underrepresented groups is encouraged. Hiring is contingent upon eligibility to work in the U.S.

Owen Placido

Greenville, RI (401) 400-9293 oplacido@uri.edu

Institution Information	The University of New Hampshire is an R1 Carnegie classification research institution providing comprehensive, high-quality undergraduate and graduate programs of distinction. UNH is located in Durham on a 188-acre campus, 60 miles north of Boston and 8 miles from the Atlantic coast, and is convenient to New Hampshire's lakes and mountains. There is a student enrollment of 13,000 students, with a full-time faculty of over 600, offering 90 undergraduate and more than 70 graduate programs. The University actively promotes a dynamic learning environment in which qualified individuals of differing perspectives, life experiences, and cultural backgrounds pursue academic goals with mutual respect and shared inquiry.
Special Instructions to Applicants	

Owen Placido

Greenville, RI (401) 400-9293 oplacido@uri.edu

University of New Hampshire System
5 Chenell Drive Suite 301
Concord NH

Greetings,

I am applying to the Laboratory Technician position at UNH's wastewater surveillance program. As a senior in my undergraduate program, I will be entering the workforce soon and this position aligns well with my interest in ecosystem water management. I would like my strong work ethic, laboratory research experience, relevant coursework, and ability to perform well as part of a team to be taken into account when considering my application.

The experience I have gained over my four years in school will serve me well in this position. My work with the URI Watershed Watch Lab has taught me several techniques for lab and field water quality analysis. Last summer I worked as a Coastal Fellow for the URI Laboratory of Soil Ecology and Microbiology. In this role I learned many important lab and field sampling techniques in studying nitrogen pollution and water quality. After completing this competitive undergraduate research fellowship last summer, I applied to and received an undergraduate research grant from the URI^2 foundation in order to continue my research on nitrogen dynamics in wastewater. In my current position with the town of Charlestown I participate in a monthly sampling of advanced nitrogen reducing septic systems and analyze the final effluent in the lab for nitrogen concentration.

I have taken several courses in environmental science that will help me to fulfill the requirements for this position such as ecosystem hydrology, environmental hydrogeology, and soil water chemistry. These courses helped me add to my environmental science knowledge, for example understanding the physical and chemical dynamics of water contaminants, solving real world issues involving soil chemistry by working in a small group of fellow students, and understanding water management at an ecosystem scale.

I look forward to hearing back about my application. I am confident that if selected for this position I will use my research experience and background knowledge to full effect, and will be an asset to your team. Thank you for taking the time to consider my application.

Respectfully,

Owen Placido

Owen Placido

Greenville, RI (401) 400-9293 oplacido@uri.edu

Education

University of Rhode Island - Kingston, RI
Bachelor of Science, Environmental Science and Management May 2021
GPA: 3.5 Dean's List

Relevant Coursework

Watershed Hydrology and Management: Understand the factors impacting water quality lakes, rivers, and estuaries, develop an understanding of ecosystem level watershed management, and collect field samples to analyze water quality in lakes
Soil Water Chemistry: Collaborated with a small group of fellow students to solve real-world problems in soil chemistry such as contaminant retention and soil remediation
Soil Microbiology: Worked in a group of fellow students to solve real-world problems dealing with soil microbiology, including nutrient cycling, bioremediation, and lab techniques in microbiology.
Soils Land Use and the Environment: Gain knowledge about soil formation, soil properties, and watersheds in order to make responsible choices about land use.
Environmental Hydrogeology: Developed an understanding of the physical and chemical processes that dictate contaminant fate and transport in hydrogeologic systems.

Experience

Lab Technician
URI Watershed Watch - Kingston RI May 2020 - Present
- ➢ Perform lab analyses of surface water samples including pH, chlorophyll, and nutrients
- ➢ Work with volunteers from across southern New England to monitor water quality
- ➢ Organize and manage data entry from numerous sources

Wastewater Management Intern
Town of Charlestown Wastewater Management Dept. - Charlestown RI January 2020 - Present
- ➢ Collect water quality data at several points in the town's salt ponds
- ➢ Sample advanced septic systems to analyze water for nitrogen content
- ➢ Participate in record keeping of all septic systems in Charlestown

URI Coastal Fellow
URI Lab of Soil Ecology and Microbiology - Kingston RI May 2019 - Fall 2019
- ➢ Contributed to graduate level research on onsite wastewater treatment systems
- ➢ Performed tasks in the lab to extract data from soil and water samples
- ➢ Communicated research in a scientific poster

Kitchen Support Staff
URI Catering - Kingston, RI September 2017 - Present
- ➢ Contributed to a team to prepare and serve meals
- ➢ Adapted to complete tasks in a small amount of time
- ➢ Collaborate with other staff to finish food preparation on time

Recreation Supervisor
Town of Smithfield Recreation Department - Smithfield, RI Summer 2018 and 2019
- ➢ Effectively manage the other staff members and the town beach
- ➢ Politely interact with members of the public
- ➢ Collaborate with the beach staff to run beach