



## Research Technician – Aquatic Biogeochemistry

We are looking for a motivated, independent individual interested in starting or continuing their career in aquatic biogeochemistry, ocean optics, or remote sensing to join the Carbon & (H<sub>2</sub>)Optics Lab at Cleveland State University. Our lab focuses on advancing our spatiotemporal and mechanistic understanding of the drivers of water quality and aquatic carbon cycles in inland and coastal waters using optical, chemical and satellite datasets. We currently have active projects with field components across the Great Lakes (Lakes Erie, Superior, and Michigan) and the Hawaiian Islands, alongside projects considering global processes through the use of in situ and satellite data. Successful applicants will have the opportunity to lead field, lab, and computationally-focused research across a variety of inland and coastal aquatic systems, and join a diverse, energetic research group in downtown Cleveland. Successful applicants will also be encouraged and supported to present research at scientific meetings.

### Minimum Qualifications

- BS in a relevant field (e.g., oceanography, biology, chemistry, environmental science)
- Intermediate skills in Python, Matlab, or R, and an interest in developing a multi-language skill set
- Experience conducting field and lab-based research
- Ability to travel for field work, and commit to intermittent long days in the field and lab with non-standard hours
- Ability to lift 50 lbs.
- Effective written and verbal communication skills

### Preferred Qualifications

- MS in a relevant field (e.g., oceanography, biology, chemistry, environmental science)
- Advanced skills in Python, Matlab, or R, and experience with multiple languages
- Experience collecting and analyzing aquatic optics, chemistry, or microbial datasets
- Experience working on a research vessel
- Experience supervising students
- Effective written and verbal communication skills

Interested applicants can learn more about our lab group at <https://www.coffeandoptics.com/>. Applicants should submit a single PDF that includes (1) a cover letter outlining your background, overlap in research interests and relevant experience/skills for the position; (2) your CV; (3) a copy of your unofficial transcripts; and (4) contact information for three professional references to Brice Grunert ([b.grunert@csuohio.edu](mailto:b.grunert@csuohio.edu)). Priority will be given to applications received by December 10, 2023 but the position will remain open until filled, with an expected start date in Spring/Summer 2024. Members from groups underrepresented in

STEM are highly encouraged to apply; further, consideration will be given to personal circumstances that have challenged the ability to succeed in one or more of the preferred applicant categories. A competitive salary will be provided, based on the experience of the candidate. This position is currently for a 3-year period, pending satisfactory performance, and is expected to continue based on the availability of funds.

### **About Cleveland State University**

CSU is a diverse urban university located near the heart of downtown Cleveland. We are ranked first in Ohio among public universities that fulfill a critical dual mission, providing upward mobility *and* conducting impactful research. Undergraduate involvement in research is extensive and a priority at CSU. Cleveland and the surrounding region offers diverse recreational opportunities and cultural activities, and affordable housing in a variety of neighborhoods within a short drive or ride via bike, bus, or train. For additional information about the City of Cleveland, see <https://www.thisiscleveland.com>.

It is the policy of Cleveland State University to provide equal opportunity to all qualified applicants and employees without regard to race, color, religion, sex, sexual orientation, gender identity and/or expression, national origin, age, protected veteran or disabled status, or genetic information. Hire is contingent upon the maintenance of existing levels of funding. Offer of employment is contingent on satisfactory completion of the University's verification of credentials and other information required by law and/or University policies or practices, including but not limited to a criminal background check.