

We are looking for a postdoctoral research scientist to work on a project that aims to advance understanding of how early season nutrient loading magnitude and stoichiometry, and hydraulic residence time in lakes and reservoirs with varied surrounding land-use practices influences HABs, anoxia and microbial functioning. Specifically, the postdoctoral research scientist will be involved in assessing microbial seasonal dynamics (phytoplankton, prokaryotes, and viruses) using metagenomics and transcriptomics. Duties include field sampling, DNA/RNA extractions, bioinformatic analyses and integration with the field data to generate an ecosystem model for monomictic lakes.

**Desired qualifications:**

- A PhD degree or equivalent in the field of microbial ecology, showing evidence of a strong and ambitious research-oriented profile and demonstration of research productivity
- A strong background with large-scale genomic data (metagenomics and/or transcriptomics)
- Experience in viral ecology is highly desirable
- Experience with field work and water sampling
- Excellent written and oral communication skills in English

The position could start as early as January 4, 2021, is funded for 36 months by the U.S. Army Corps of Engineers, and includes full benefits. Applicants are asked to submit 1) a CV including a list of publications, 2) a 1-2 page statement on research interests, experience and goals, and 3) the names and contact information of at least two references before November 1, 2020. The search will continue until the position is filled.

The project is a collaboration between Drs. Jessica Labonté and Daniel Roelke. For more information about the position, or to learn more about the Labonté Viral Ecology Lab, visit <https://www.tamug.edu/labonte/> or contact Dr. Labonté at [labontej@tamug.edu](mailto:labontej@tamug.edu).

Located on the Gulf of Mexico coast, Texas A&M University at Galveston is a special-purpose institution of higher education for undergraduate and graduate instruction in marine and maritime studies in science, engineering and business and for research and public service related to the general field of marine resources. Texas A&M at Galveston is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity. Researchers from underrepresented groups (race, ethnicity, veterans, or sexual orientation/identity) are encouraged to apply.

Apply here: [https://tamus.wd1.myworkdayjobs.com/en-US/TAMUG\\_External/job/Galveston-TAMUG/Postdoctoral-Research-Associate---USACE-grant-\\_R-033089](https://tamus.wd1.myworkdayjobs.com/en-US/TAMUG_External/job/Galveston-TAMUG/Postdoctoral-Research-Associate---USACE-grant-_R-033089)