



Postdoctoral Position:
Marine Viral Ecology

The Geaux Viral Lab at Louisiana State University is seeking highly-motivated candidates for a position as a Postdoctoral Researcher in the area of Marine Viral Ecology.

The Postdoctoral Researcher will join Dr. Jennifer Brum's Geaux Viral Lab (<https://brumlab.com/>) in the Department of Oceanography and Coastal Sciences at Louisiana State University in Baton Rouge, Louisiana. The focus of this NSF-funded, 3-year position will be to investigate viral ecology and viral effects on biogeochemical cycling within seven globally-distributed marine oxygen minimum zones (OMZs), while engaging with an amazing group of collaborators from around the world (see our lab Research page for more details: <https://brumlab.com/research/>). Specifically, the Postdoctoral Researcher will utilize highly-contextualized, assembled viral and microbial metagenomic, metatranscriptomic, and single-cell data sets to (i) assess the structure and ecological drivers of viral communities within and between differing marine OMZs, (ii) examine virus-host interactions as a function of environmental variables within and between OMZs, and (iii) assess the contribution of viral auxiliary metabolic gene expression to biogeochemical cycling in marine OMZs.

Desired qualifications:

- Recent Ph.D. and research experience in viral and/or microbial ecology or oceanography, or a relevant related field.
- Strong scientific writing skills, as demonstrated through publication in peer-reviewed scientific journals.
- Ability and/or interest in utilizing statistical methodology, environmental context, and ecological principles to make sense of large data sets.
- Ability to collaborate with a diverse group of researchers.
- Strong interest in viral ecology and virus-host interactions in the marine environment.

To apply for the position:

- If you are interested in this position, please send an inquiry email to Dr. Jennifer Brum (jbrum1@lsu.edu). Please include a brief description of your background and interest in this position, as well as an attached CV. I look forward to hearing from you!
- For the official application, please see this website: https://lsu.wd1.myworkdayjobs.com/LSU/job/LSU--Baton-Rouge/Postdoctoral-Researcher_R00031614.