



Postdoctoral Research Position in Phytoplankton Ecology and Small-Scale Fluid Dynamics

The Villareal Laboratory of Phytoplankton Ecology (University of Texas) and the Gemmell Laboratory of Marine Ecology and Biological Fluid Dynamics (University of South Florida) are seeking a postdoctoral researcher to investigate dynamic sinking patterns of marine diatoms and the resulting small-scale fluid dynamics associated with this behavior. The successful candidate will work with a productive team of researchers to advance our understanding of essential processes that regulate sinking patterns in marine diatoms and how changes to the surrounding physical fluid environment modify these sinking behaviors.

Essential functions: Conduct research and analyze data: Utilize novel methods and instrumentation to collect and analyze biological and fluid dynamics data. Write manuscripts: Develop and publish multiple first-author manuscripts, contribute to additional papers. Mentor graduate students and interns: Work closely with graduate and undergraduate student participants. Disseminate results at conferences: Present results at symposia; interpret and disseminate results to management agencies and non-science audiences

Qualifications: The candidate must have a Ph.D. in marine science, ecology, or a related field. The preferred candidate will have experience in phytoplankton ecology and basic fluid dynamics as well as the demonstrated ability to publish peer reviewed manuscripts. The candidate will also be expected to participate in field work that may require physical effort to transport equipment in field sites throughout coastal Texas and Florida. The ability to work in a group setting is essential, as the postdoctoral researcher will work collaboratively with other PIs, post docs, graduate and undergraduate students, and research associates/technicians. High organizational and communication skills, creativity in methodological development, and understanding of basic experimental design and statistical analyses are required for this position. Salary is competitive and commensurate with experience.

Duration and Start Date: The appointment is for 1 year with the possibility of a second year pending satisfactory performance and funding. The position is available immediately. Review of applications will commence as they are received and continue until the position is filled.

Location: The position will be primarily based at the University of South Florida Tampa campus in Tampa, FL (<http://biology.usf.edu/ib/>) but will also involve time spent at the University of Texas Marine Science Institute (<https://utmsi.utexas.edu/>).

To Apply: Send 1) a cover letter that describes your interest in the position, career goals and details your work/educational experience most relevant to the position, 2) curriculum vitae, 3) up to 3 relevant reprints, and 4) contact information for 3 references to Dr. Brad Gemmell (bgemmell@usf.edu) with “Postdoc position” in the subject line.

The University of Texas and University of South Florida are equal opportunity employers