



### **Ph.D. student: Coastal Ocean Nitrogen Cycling**

The Fulweiler lab at Boston University ([www.fulweilerlab.com](http://www.fulweilerlab.com)) is looking for a Ph.D. student interested in coastal nitrogen cycling – specifically on the study of water column and sediment nitrogen fixation.

The goal of our project is to advance our knowledge of coastal nitrogen cycling by directly measuring rates of nitrogen fixation using a range of geochemical and molecular techniques. Research will include field measurements as well as large-scale manipulative mesocosm experiments. The majority of this research will take place in New England and will involve working collaboratively with researchers from other institutions and governmental organizations.

The ideal candidate should be willing to participate in short field expeditions. Experience with small boats, stable isotopes, molecular techniques, and R is a plus but not required. The candidate must have the ability to work independently and as part of an interdisciplinary team and to be effective in communication and receptive to feedback.

Interested students should send a cover letter, their CV, and the names and contact information of three references, to Dr. Robinson (“Wally”) Fulweiler ([rwf@bu.edu](mailto:rwf@bu.edu)) and Melissa Hagy ([mehagy@bu.edu](mailto:mehagy@bu.edu)). Please use the subject line: N-fixation PhD student.

*Starting date:* Summer 2020. Funding for this position would include teaching fellow support from Boston University and Research Assistant Support from a Sea Grant funded project.