

A Ph.D. research assistantship is available (beginning summer 2015) in the Hardison and McClelland Labs at the University of Texas at Austin Marine Science Institute, (<https://utmsi.utexas.edu/>). This position will be a part of an interdisciplinary team funded by the National Science Foundation to study the physics and chemistry of oscillic freshwater zones (OFZs) that exist in the lower reaches of rivers. Water flow may slow, stop, or even reverse direction with the tide in these zones, but not an ounce of seawater is seen. The student will focus on characterizing what effect OFZs have on nitrogen inputs to estuaries through field and laboratory activities. We seek applicants with a background in marine or aquatic chemistry, preferably with a degree in chemistry, biology, environmental science, or a closely related field. The student will be involved in all aspects of the project, from field work to publication of findings. Applicants are expected to have a strong academic background, show evidence of independent work in the field and/or lab, and demonstrate a capacity to contribute to a collaborative research environment. For more information, please email a statement of interest/background and a copy of your CV to Amber Hardison (amber.hardison@utexas.edu) and Jim McClelland (jimm@utexas.edu). Note that the application deadline for our graduate program is December 1, 2014.

Links:

Hardison Lab: <https://utmsi.utexas.edu/staff/hardison>

McClelland Lab: <https://utmsi.utexas.edu/staff/mcclelland>

UTMSI graduate program:

<https://utmsi.utexas.edu/academics/graduate/admission-information>