

From: Tom O'Halloran
Subject: Ph.D. student assistantship – coastal and forest ecology

The O'Halloran lab in the Department of Forestry and Environmental Conservation at Clemson University currently has an opening for a Ph.D. student starting in fall or winter of 2017. We seek an enthusiastic and inquisitive student who is interested in understanding mechanisms of land-atmosphere interactions with particular focus on forests. The student will have the opportunity to create their own research project out of several ongoing funded activities, including at AmeriFlux sites in Virginia (loblolly pine and switchgrass) and a new eddy covariance tower in a salt marsh in coastal South Carolina. Potential broad research topics include: environmental controls on managed forest productivity, coastal carbon cycling and greenhouse gas emissions, aerosol new particle formation, and coastal forest disturbance ecology. A student with sufficient incoming transfer credits will spend one year completing coursework on main campus and then relocate to the Baruch Institute of Coastal Ecology and Forest Science to join the lab group at the coast and complete their fieldwork and writing. A full research assistantship (including stipend and tuition waver) is available for three years, but students will also be encouraged to seek their own funding through national fellowships (e.g. USDA, NASA, NSF). Required Qualifications: Bachelor's degree in forestry, ecology, atmospheric science or other closely related environmental science. Strong quantitative abilities, self-motivation and desire to do field work in coastal South Carolina, where the work is physically demanding in a hot, humid environment. Preferred Qualifications: M.S. degree (highly preferred) in forestry, ecology, atmospheric science or other closely related environmental science. Programming experience in MATLAB or R. Fieldwork experience in ecology or forestry. To apply, send a CV, unofficial GRE and TOEFL scores (if available) and a cover letter stating your previous experience, interest in this specific position, and future goals to Dr. O'Halloran. Review of applicants begins immediately. Contact info and more details about the lab are available here: <http://tinyurl.com/ohalloranlab>