

From: Brad Taylor
Subject: M.S. Opportunity in Stream Insect Recruitment

The Freshwater Ecosystem Ecology Lab (www.bradwtaylor.com) in the Department of Applied Ecology (https://urldefense.proofpoint.com/v2/url?u=https-3A__appliedecology.cals.ncsu.edu__&d=DwIF-g&c=Ngd-ta5yRYSqUsEDgxcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLol&m=ecz1_U5HBh7ouqRGHeD4VyAxUiG4TgWhfplWaN6toQ&s=YjqpUH7p2IS4NEKCPJ6GYYXjr0b7C4KSA08708e-wbY&e=) at North Carolina State University is accepting applications for a graduate student interested in earning a Masters of Science degree in stream ecology. Funding will support a graduate student to develop innovative whole-stream experimental approaches to test whether enhancing the egg-laying habitat for adult stream insects can be used to accelerate the recovery and resilience of biological conditions, such as invertebrate community structure, diversity, and productivity in restored streams in North Carolina. Applicants with interest in developing expertise in invertebrate ecology, life histories, natural history, dispersal, recruitment, population ecology, invertebrate identification, and diversity metrics are especially encouraged to apply.

B.A. or B.S. degree in a related field is required. Applicants should have the ability to work well both independently and cooperatively, and a firm interest in working in an interdisciplinary research environment that includes state agencies, private industry stream restoration contractors, and private landowners. Applicants should be motivated, creative, eager to be immersed in a program that requires developing strengths in applied and basic science skills, and possess strong communication and quantitative skills. Financial support includes: a yearly stipend, tuition support, health insurance, funds for research expenses, and funds for research assistants.

The optimal start date is January 2019 but September 2018 could be an alternate start date. Review of complete applications will begin immediately, and this opportunity will remain available until a suitable candidate is found or at the latest 15 November 2018. To apply, visit https://urldefense.proofpoint.com/v2/url?u=https-3A__grad.ncsu.edu__apply__&d=DwIF-g&c=Ngd-ta5yRYSqUsEDgxcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLol&m=ecz1_U5HBh7ouqRGHeD4VyAxUiG4TgWhfplWaN6toQ&s=J3aVZIOInWtkv71KUTZLdst2BcmfRMS317436AG_6A&e= and indicate Brad Taylor as your potential advisor. Applicants are strongly encouraged to contact Brad Taylor (brad.taylor@ncsu.edu) prior to applying.