

From: Alex Huryn
Subject: Ph.D. Research Assistantships - Stream Ecosystems and Climate Change

PhD Assistantships – Responses to Stream Warming: Food Webs (University of Alabama); Carbon Dynamics (University of Georgia); and Metabolism and Carbon Emissions (Virginia Tech), starting spring or fall 2018

We are seeking enthusiastic and qualified applicants to join our research team investigating the effects of climate warming on macroinvertebrate communities, stream carbon dynamics and ecosystem metabolism/carbon emissions in a new project funded by the National Science Foundation. The larger scope of the project includes microbial to whole-stream reach responses to temperature that will be used to predict future network-scale fates of carbon, using a multi-scale design that includes a paired-catchment whole-stream warming experiment, an array of warmed streamside channels, laboratory studies of aquatic microbes, and reach- and network-scale modeling. Fieldwork will take place in the Southern Appalachians at the USDA Forest Service Coweeta Hydrologic Laboratory, North Carolina. Students will engage in multiple aspects of research and will also develop their own research questions under the overall theme of global change and thermal effects in stream ecosystems.

Prospective students interested in the Food Web position should contact Dr. Jon Benstead (jbenstead@ua.edu) at the University of Alabama. Those interested in the Carbon Dynamics position should contact Dr. Amy Rosemond (rosemond@uga.edu) at the University of Georgia, and prospective students interested in the Metabolism and Carbon Emissions position should contact Dr. Erin Hotchkiss (ehotchkiss@vt.edu).

Please send an email with 1) a CV and 2) a letter of interest by December 1 for full consideration. Include a description of your education, research and work experience and perceived fit for the position. These positions are open until filled; desired start date is on or before August 1, 2018. Each position includes a competitive stipend, health insurance and tuition waiver.