

Subject: PhD Assistantship in Forest Ecology at NC State

NC State University, Department of Forestry and Environmental Resources is seeking candidates for PhD Assistantships to begin Summer or Fall 2016. Successful applicants will join a research project aimed at quantifying the causal relationships between forest structure, diversity, decomposition and carbon cycling in managed northern hardwood forests. The students will work with researchers from NCSU, USFS Center for Mycology Research, University of WI Madison, and University of Maine at a long-term, large-scale, field experiment established in Northern Wisconsin. Students will work on topics such as 1) linking the diversity of wood decay fungal communities with decomposition rates, 2) comparing diversity patterns between managed and naturally disturbed forest, 3) quantifying the relationship of coarse woody debris, carbon cycling and soil microbial community, and 4) analyzing the functional role of biodiversity on productivity and carbon storage.

Qualifications: MS in forest ecology, forestry, biology or related discipline; demonstrated ability to work independently, but also collaboratively; and effective writing, communication and quantitative skills.

Application: Submit a cover letter detailing your qualifications and research interests, resume, and names and contact information for 3 references to: Dr. Jodi Forrester (jodi_forrester@ncsu.edu). Positions open until filled.