Postdoctoral Position in Experimental Landscape Ecology

We seek a Postdoctoral Research Associate to help lead a landscape experiment examining the roles of source patch quality and matrix permeability for landscape-scale plant community movement. This experiment employs a series of landscape restoration strategies (prescribed fire, overstory tree thinning) to experimentally manipulate source (remnant) and matrix (post-agricultural) longleaf pine woodland patches at the Savannah River Site, near Aiken, SC. Our goals are to understand basic drivers of plant community diversity and spatial distributions (including constraints to spatial spread), as well as test strategies for landscape restoration in the imperiled longleaf pine ecosystem. The postdoc will join a group of collaborators (Lars Brudvig, Michigan State University; John Orrock, University of Wisconsin; the USDA Forest Service-Savannah River; technicians and graduate students) and will be centrally involved in all aspects of this project. In addition to facilitating the goals of the core landscape experiment, the successful candidate will have substantial opportunities to develop their own independent research.

A Ph.D. is necessary. Funding for salary, benefits, and research expenses is available for two years, with second year renewal contingent on performance. There is some flexibility in the start date, ranging from fall 2012 – spring 2013, and candidates should indicate their availabilities. The primary location for the postdoc will be determined together with the research group, but substantial time will need to be spent at the field location in SC.

To apply, email Lars Brudvig (brudvig@msu.edu) with a CV, cover letter explaining research interests, and contact information for three references. Review of applicants will begin immediately and continue until a suitable candidate is selected.

A criminal background check is a prerequisite for all Research Associate appointments at Michigan State University. The offer of appointment will be contingent on satisfactory criminal background check results, including degree verification.