

Postdoctoral Position in Plant Ecophysiology

The Juenger lab at the University of Texas at Austin is recruiting a postdoctoral researcher in the field of plant ecophysiology. The researcher will be involved in collaborative NSF and DOE funded projects exploring local adaptation using C4 perennial switchgrass (*Panicum virgatum*) and panicgrass (*Panicum hallii*) as model systems. A major goal of the project is to identify important traits underlying local adaptation across species ranges using a combination of experimental common gardens and field based drought experiments. The aims of the position will be tailored to the expertise of the candidate. Opportunities exist for physiological studies of abiotic stress tolerance and climate adaptation, studies of physiological priming/acclimation and legacies in stress tolerance, genetic mapping of important eco-physiological traits, and studies linking physiological traits with underlying molecular pathways and natural variation. Candidates with experience or special interest in experimental studies of leaf or root economic spectrums are especially encouraged to apply.

The position requires a PhD in Plant Physiology, Ecology, Evolution, Genetics, Plant Biology or a related field. The ideal candidate will have experience in field measurements of physiological traits, plant-water relations, and measures of plant performance under abiotic stress. Experience in experimental design, statistical analyses, and excellent oral and written communication skills are required.

Austin is the state capital of Texas, an inland city bordering the Hill Country. Home to the University of Texas, Austin is known for its eclectic live-music scene, sizeable tech sector, and SXSW Conference. Its many parks and lakes are popular for nearly year-round hiking, biking, swimming and boating. Austin boasts approximately 300 days of sunshine per year and is America's fastest growing city. <https://hr.utexas.edu/prospective/austin>

We encourage applications from female, minority, and culturally diverse candidates. Please email all applications to bethaney.watson@austin.utexas.edu with the subject "Postdoctoral Application: ecophysiology". Applications should include a cover letter detailing experience and research interests, a current CV, and contact information for three professional references compiled in a single pdf file. Applicants can find additional information about the Juenger lab at https://sites.cns.utexas.edu/juenger_lab. Applications will be considered until the positions are filled.