

Postdoctoral Position Available:
Sorghum Crop Physiology and Abiotic Stress Tolerance

Project Description

We are looking for a highly motivated, productive plant physiologist to pursue research within a team on the topic of sorghum nitrogen and water use efficiency. The project will focus on identifying the most nitrogen and water use efficient sorghum lines and understanding the mechanisms behind the tolerance to abiotic stress. The individual will work to identify differences in energy sorghum varieties using modern phenotyping and classical plant physiological methods. S/he will evaluate and be part of team involved in mapping genomic regions involved in abiotic stress tolerance. This is a great opportunity to work within a large team of scientists who are working on different aspects of this agro ecosystem in the areas of soil metagenomics, metabolomics, trait mapping and transcript profiling.

Position Requirements

Candidates should have a PhD in Agronomy or Plant Physiology, some understanding or a willingness to learn about genetics, a strong publication record and professional references. The ideal candidate will have experience measuring different aspects of crop and plant physiology in the field. Excellent communication skills are required to effectively work in the research team.

The Schachtman Laboratory

The Schachtman Lab is located at the University of Nebraska – Lincoln and has a strong track record working on the physiology of abiotic stress tolerance as well as soil metagenomics. The Lincoln campus is a premier location to conduct research on crop plants in agricultural soils. This new exciting research project started in June 2016. Lincoln is a great town for biking, studying and watching football. People are friendly and easy going. There are plenty of extracurricular activities happening all year round to keep you busy.

Please Email Dr. Daniel Schachtman your CV with the names of three professional references and a cover letter describing your qualifications and why you are interested in the position. Email: Daniel.Schachtman@unl.edu or call 314-799-2427.

Starting salary \$38,000.