Research Associate

University of Arkansas – Fayetteville, AR

A research/program associate position is available in the Wheat Breeding and Genetics program at the University of Arkansas. The successful applicant will contribute to projects related to understanding stress tolerance in wheat, including the physiology and molecular genetics of abiotic stress tolerance (water-logging, drought, and heat) and durable disease resistance. The projects will involve collection of agronomic and physiological data in the field and greenhouse, molecular genotyping of experimental populations using SSR and SNP markers, development of genetic linkage maps, and QTL analysis. The incumbent will also assist in marker assisted selection of breeding material with molecular markers. Other activities include assisting with the daily activities of the wheat breeding program, such as making selections and crosses for new breeding and experimental populations, supervising and mentoring graduate and undergraduate students, as well as coordinating breeding and research activities with the program leader and current field program associate. The applicant is expected to participate in the writing of grant proposals, prepare reports for funding agencies, publish results in peer-reviewed journals and participate in scientific meetings. Travel to research stations throughout the state will be required on a seasonal basis.

This is a full-time benefits eligible position, available starting **April 1, 2011**. Minimum qualifications include a MS degree in plant breeding and genetics or a related field with experience in molecular biology. Preferred qualifications include a PhD in plant breeding and genetics with previous experience in wheat or related small grains research. Additional information and application instructions are available at: https://jobs.uark.edu/applicants/jsp/shared/Welcome_css.jsp

Job posting number: 0600587

Additional questions can be directed to Dr. Esten Mason (esten@uark.edu), Department of Crop, Soil and Environmental Sciences, University of Arkansas.