**Postdoctoral Position in Crop Functional Genomics**

University of Nebraska-Lincoln

A Postdoctoral Scholar position is available in the Walia Lab (cropstressgenomics.org; wrchr.org) at University of Nebraska-Lincoln to study abiotic stress tolerance in rice. Candidate will be involved in mining large scale genomics, phenomics and transcriptomic dataset for identifying genes and functionally characterizing these genes using gene editing and other molecular analysis. The main focus will be on genes involved in heat and drought tolerance. This project presents excellent opportunities to work in a collaborative environment with computational scientists, statisticians and quantitative geneticists.

Applicants must have a Ph.D. in Plant Biology, Molecular Biology, or Plant Genetics, or a closely related field at the time of hiring. Experience in developmental biology and/or abiotic stress tolerance project is highly desirable. Prior experience with GWAS, plant phenomics, gene expression analysis (RNA-seq, statistical analysis of expression datasets, or real-time PCR), cloning and mutant analysis is highly desirable. Preference will be given to candidates with evidence of publications and strong interest in crop improvement using genetic and functional genomics approaches. Ability to manage large-scale sequencing data is essential. Salary is commensurate with experience and qualifications.

Interested candidates should apply by email to Dr. Harkamal Walia (hwalia2 at unl dot edu; http://cropstressgenomics.org). The email should include the following: (1) cover letter explaining candidate’s research interests and how they fit with this position, (2) CV, (3) publications, and (4) contact information including phone numbers for 3 references.