GRA Position #512 - Crop Physiology

POSITION  Graduate Research Assistant (Ph.D.), 0.5 time, Crop Physiology

LOCATION  Department of Agronomy  Throckmorton Plant Sciences Center  Kansas State University  Manhattan, KS 66506-5501

POSITION DESCRIPTION  A graduate research assistantship is available for a project involving quantification of reparation rate, devising high throughput proxy trait for respiration, exploring the genetic diversity for the above trait in an attempt to map genomic regions responsible favorable respiration under heat and drought stress. The student will oversee greenhouse, growth chamber and lab tasks (and could possibly involve a field study) related to this research study and will work as part of a collaborative team dealing with other areas of crop physiology. Candidate will complete coursework necessary for a (Ph.D.) degree in Agronomy with a thesis/dissertation topic related to crop physiology.

QUALIFICATIONS  M.S in Crop Physiology, Crop Science, or related discipline. Interest/knowledge/experience in crop physiology/science and strong problem solving skills are highly desirable for these positions. Demonstrated excellence in course work, good written and oral communication skills, and the ability to work as a team member are also required. A key requirement would be the student’s willingness to spend time during the night in the lab and growth chambers as the work deals with night respiration in wheat.

STIPEND  Maximum annual stipend is $27,000 including 5.8% fringe benefits. Graduate Research Assistants are considered Kansas residents for tuition purposes and are responsible for paying tuition and fees.

HOW TO APPLY  Applicants should send a statement of educational and career objectives, resume, transcripts (TOFEL scores for international applicants), and three references to:

Krishna Jagadish  Associate Professor  Department of Agronomy  Kansas State University  3706 Throckmorton Plant Sciences Center  Manhattan, KS 66506, Ph: 785-706-3263; E-mail: kjagadish@ksu.edu

Further information about graduate studies at KSU Department of Agronomy can be found at: http://www.agronomy.ksu.edu or by contacting Robert Berry at rwb7@ksu.edu.

DATE AVAILABLE  Fall Semester 2015 or Spring Semester 2016

Screening of applicants begins immediately and will continue until position is filled.

Kansas State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.