GRA Position #543—Ag-Climat Science

Position: Graduate Research Assistant (Ph.D.), 0.5 time

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 student to study how climate changes observed and projected from 1981 to 2060 causatively interact with surface water resource dynamics in the Southern U.S. This study includes generating and processing large-volume data sets when conducting both statistical and dynamic downscaling climate models. The student will oversee all aspects of large-volume data set manipulations, advanced analysis, data visualization, and publication of results. The student will also work as part of a collaborative team to provide high resolution climate and satellite data for crop production assessment related studies. Candidate will complete coursework necessary for a Ph.D. degree in Agronomy with a thesis topic related to the research described above.

Qualifications: B.S. or M.S. degree in Atmospheric Science, Applied Climate, Agronomy, or related file. Interest and experiences in climate data analysis and climate modeling skills including Matlab and/or Python programming are highly desirable for this position. Demonstrated excellence in course work, good written and oral communication skills, and the ability to work as a team member are also required.

Stipend: Annual PhD stipend is $30,435. 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:

Dr. Xiaomao Lin
Associate Professor
Department of Agronomy
Kansas State University
2018 Throckmorton Plant Sciences Center
Manhattan, KS 66506, Ph: 785-532-8616; E-mail: xlin@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: Spring 2022

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

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