TITLE: Soil Water Processes, 70% Research and 30% Teaching appointment
RANK: Assistant Professor (Tenure track, 12 month position)
LOCATION: Department of Agronomy, Kansas State University
Manhattan, KS 66506-5501

DATE AVAILABLE: December 2015

RESPONSIBILITIES: The successful candidate will conduct research in soil water management in dryland and irrigated agriculture. Specific topic areas may include irrigation management and cropping systems that maximize crop water use efficiency in water-limited environments, development of sensor-based monitoring of soil water status, working with crop breeders and physiologists to identify and develop drought tolerant crop genetics, and the interaction between global climate change and soil-water relationships. The successful candidate will be expected to develop a strong, grant-funded research program, including the training of graduate students and publication of research results in high-impact journals and to work as part of an interdisciplinary team of soil and crop scientists, climatologists, and engineers on crop water and environmental stresses with the overall goal of improving productivity of crops. Teaching duties will include a dual level course on the physical properties of soils, an additional course to be identified after the completion of a curriculum review, participation in student extracurricular activities and relevant academic committees. The candidate must be able to work in a multi-cultural setting and create an environment that fosters collegiality, diversity, and teamwork.

TRAINING AND EXPERIENCE:
Required: Ph.D. in soil physics, soil water management, or related discipline with a demonstrated potential for achievement in research in soil/water relationships in limited rainfall areas. Demonstrated potential for effectiveness in teaching including a strong desire to work with and advise undergraduate and graduate students. Excellent interpersonal skills and the ability to work in an interdisciplinary team of scientists. Excellent oral and written communication skills in English.
Desirable: Demonstrated publication record, experience in obtaining extramural funding, and effective teaching skills. Field research experience and knowledge of irrigation practices. Development and use of relevant models.

SALARY: Salary will be commensurate with qualifications and experience. An excellent fringe benefits package includes: retirement program, medical, life and disability insurance and sabbatical leave program.

APPLICATION PROCEDURE: Screening of candidates will begin September 15, 2015 and will continue until a suitable candidate is selected. Qualified persons are requested to send an application which must include a resume, copies of transcripts from all university degrees, statement of research interests and goals, and a statement of teaching philosophy. The applicant must also arrange to have (and we must receive) three letters of reference. All materials should be sent to:

Ms. Brittany Green, Senior Administrative Assistant
Dept. of Agronomy, Kansas State University
2004 Throckmorton Plant Sciences Center
Manhattan, KS 66506-5501
E-mail: bdgreen@ksu.edu

For additional information about this position contact Dr. Ganga Hettiarachchi at 785-532-7209 (ganga@ksu.edu) or Dr. Gary Pierzynski at 785-532-6101 (gmp@ksu.edu). Additional information about the Department of Agronomy may be obtained at the home page for the department: http://www.k-state.edu/agronomy/

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