GRA Position #532 – Agricultural Micrometeorology

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 project focused on increasing water productivity, nutrient efficiency and soil health in rainfed food systems of semi-arid US Southern Great Plains. The successful candidate will work as a member of a multidisciplinary collaborative team with researchers from different institutions in the United States. The primary responsibilities of the successful candidate will be to: 1) quantify field-scale crop evapotranspiration and CO₂ fluxes using micrometeorological techniques (e.g. the eddy covariance approach); 2) to test and validate approaches for partitioning evapotranspiration into plant transpiration and soil evaporation; 3) to oversee field and laboratory experiments; 4) to perform data analysis, present research results in professional meetings, and publish papers in peer-reviewed journals; and 5) to complete all the course work necessary to pursue a Ph.D. degree with a dissertation related to the research topic.

Qualifications
- B.S. or M.S. in Agronomy, Micrometeorology or related field.
- Some experience with field observations, data acquisition and processing is desirable.
- Demonstrated excellence in course work, written, quantitative, and oral communication skills.

Stipend
Annual PhD stipend is $22,500 plus tuition and fees (~$8,200) are paid by the grant. Graduate Research Assistants are considered Kansas residents for tuition purposes.

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. Eduardo Santos
Associate Professor
Department of Agronomy
Kansas State University
2004 Throckmorton Plant Sciences Center
Manhattan, KS 66506, Ph: 785-532-6932; E-mail: esantos@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 2021

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.