

GRA Position # 537 –Soil 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	The soil water processes research group is searching for a PhD student to work on a new Rainfed Agriculture Innovation Network (RAIN), a project that focuses on turning field-scale soil moisture information into actionable decisions. The primary responsibilities of the successful candidate involve: i) collection of soil moisture information using traditional and innovative non-invasive technologies; ii) laboratory and field determination of soil health and soil physical properties; iii) geospatial analysis, modeling, and forecasting of soil water dynamics. The soil water processes research group has a newly equipped laboratory for measuring a wide range of soil physical properties and processes at the laboratory, field, and landscape scale. The successful applicant will work in an interdisciplinary team involving crop scientists, soil scientists, and modelers working together to improve soil water conservation.
Qualifications	Highly motivated students with background in Soil Science, Agronomy, and Environmental Engineering, Environmental Science, or a closely related discipline are encouraged to apply. Basic knowledge of scientific programming languages like Matlab, Python, or R, are desirable. 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 Ph.D. stipend is \$29,388. 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 resume to: Dr. Andres Patrignani Assistant Professor in Soil Water Processes 1011A Throckmorton Plant Sciences Center Manhattan, KS 66506 e-mail: andrespatrignani@ksu.edu - (785) 532-5732 For more information visit: http://soilwater.ksu.edu/ Further information about this application can be found at: http://www.agronomy.ksu.edu or by contacting Robert Berry at rwb7@ksu.edu
Date Available	Spring 2020, Summer 2020, Fall 2020 Screening of applicants begins immediately and will continue until position is filled.