Title: Program Associate for Irrigation Water Management Program
Location: University of Arkansas Rice Research & Extension Center, Stuttgart, AR 72160

Summary: Program Associates operate in an independent, decision-making role in the planning & execution of programs. Work objectives are coordinated with Project Leaders and/or other supervisors, but project implementation & management are primarily the responsibilities of the Program Associate. Program Associates are expected to contribute effectively to conceptual framework, program design, result dissemination, educational activities, & the pursuit of extramural financial support.

Duties include some laboratory but mostly field activities in irrigation water management. Includes but not limited to repairing and installing irrigation equipment, planting crops, harvesting crops, spraying crops, retrieving information from data logging equipment, manual data collection, data summarization and analysis of field experiments. The employee must be able to perform physical work such as lifting a minimum weight of 50 pounds and operate ATV. The job also requires driving long distances and walking and working on cooperating producer farms. The main responsibility will be establishing Irrigation Water Management Demonstrations on cooperating producer farms and training farmers and other trainers about Irrigation Water Management Practices. This keystone program is demonstrating 27% reductions in water use with no yield penalties and an average of $511 per irrigation pumping plant from testing. The individual also will assist the water management engineer in development of materials for extension programs and research presentations and meeting the needs of stakeholders and funding agencies. Provide training for a mobile app developed for rice irrigation. If individual is trained as an engineer, duties would also include troubleshooting and design of irrigation system and components. Supervisor is a licensed Professional Engineer.

Arkansas is the third largest irrigated state, the largest producer of rice in the US, and is unsustainable in groundwater withdraws. The University of Arkansas, Irrigation Water Management program works on-farms with producers to improve irrigation practices through on-farm demonstrations and advancing the knowledge of water resource management in Arkansas. Join a cutting edge team creating new irrigation technology and creating sustainable solutions for agriculture. The mission at the Rice Research and Extension Center is to improve rice production for Arkansas farmers through applied research and extension programs to develop sustainable systems that protect our natural resources, enhance the economy of Arkansas and provide a food product consumed worldwide. Excellent verbal and written communication skills are required and must be able to work independently in a professional agricultural atmosphere. A BS or MS in agricultural or biological engineering, crop, soil, or environmental science, comparable engineering discipline, agriculture or related field is required. Experience with irrigation or water management highly desirable. Applicants MUST complete the ONLINE application to be considered for employment at the University of Arkansas. https://jobs.uark.edu/postings/18871.

Skills: Excellent written & verbal communication skills. Proficiency in Microsoft Office applications, data management, & email programs. Ability to relate and communicate effectively with farmers. A high level of technical competence in irrigation. Ability to develop & deliver...
presentations. Ability to exercise initiative, make sound judgments, & work independently. Ability to relate & respond to the needs of supervisors, subordinates, & clientele.

**Minimum Qualifications:** Bachelor's in Engineering, Mechanized Systems Management, Agriculture Technology Management, Agriculture, Environmental Science, agronomy, soil science, crop science or related technical agricultural or environmental field plus three years of related professional work experience.

**Preferred Qualifications:** M.S. in related field. Experience and/or knowledge of farming and familiarity with farm machinery, electronics, and irrigation management and equipment is desirable. Irrigation Engineering experience or formal training is highly desirable.

**Salary:** Commensurate with experience.

Applicants MUST complete the ONLINE application to be considered for employment at the University of Arkansas. Please visit [https://jobs.uark.edu/postings/18871](https://jobs.uark.edu/postings/18871) and choose “create an application” and create user name and password to begin the process. You can call 870-673-2661 or come by the office located at 2900 Hwy 130 East, Stuttgart for assistance in completing application. For more information contact Chris Henry, Ph.D., P.E., Assistant Professor and Water Management Engineer at cghenry@uark.edu. Deadline for accepting applications is **May 15, 2017.** UofA is an EO/AA institution.

*The University of Arkansas is an equal opportunity/affirmative action institution.*