

POSITION DESCRIPTION: Assistant or Associate professor – Precision Agriculture

Technologies: is a full-time, tenure-track, 12-month position with a research (60%) and teaching (40%) assignment within the Agricultural Education, Communications and Technology Department (75%) and the Biological and Agricultural Engineering Department (25%). The funding appointment will be 75% University of Arkansas campus and 25% UA Agricultural Experiment Station. The tenure home will be the Department of Agricultural Education, communications and Technology with input from the Department of Biological and Agricultural Engineering.

The candidate is expected to develop a nationally recognized research program for “smart//digital agriculture” and precision agriculture technologies to support sustainable food systems. The candidate will also lead in the development of an academic program, including development of courses, in applied precision agriculture technologies. Engineering expertise for precision technologies is vital for enhancing sustainable food production and processing efficiencies, as well as educating graduates in these cutting-edge technologies. Sensing and big data analytics to produce food to meet industry needs presents an opportunity to grow the value and significance of the food and agriculture industry, and enhances job opportunities in the state. Research addressing the application of precision technologies for a climate-smart food industry requires the expertise of scientists working in multidisciplinary teams and utilizing systems-based research.

This position will complement faculty in the Arkansas Agricultural Experiment Station, in the college of Agricultural, Food and Life Sciences and in the College of Engineering who are working on applied agricultural production and processing designs and technologies. The candidate will develop a strong extramurally-funded research program, teach undergraduate and/or graduate courses, and serve as the research advisor for PhD and MS students, as well undergraduate honors students in both departments. The candidate will actively engage faculty from other disciplines and physical locations and aggressively pursue extramural funding for their program. The candidate will also serve on Department, Division and College committees as assigned, and as opportunity and expertise permits. The candidate should be or have the ability to become a registered Professional Engineer (P.E.).

MINIMUM QUALIFICATIONS: Ph.D. in an Agricultural, Food, Biological Systems Engineering or a closely related discipline. Demonstrated excellent written and oral communication and interpersonal skills should be evident. Working in a team setting, leading research teams, teaching courses, and mentoring students is essential. It is important that the successful applicant secure, manage and deliver extramurally funded projects.

PREFERRED QUALIFICATIONS: Experience in applied precision technology applications is highly preferred.

LOCATION: The position will be on the main campus of the University of Arkansas, Fayetteville. The department offers a Bachelor of Science in Agriculture, with four degree concentrations: agricultural communications, agricultural leadership, agricultural education, and agricultural systems technology management. Graduate degrees include a Master of Science in Agricultural and Extension Education and a PhD in Agricultural, Food and Life Sciences. The department is one of nine academic departments within the College of Agricultural, Food and Life Sciences. The University of Arkansas is an 1862 Land-Grant university with approximately 29,000 students on the Fayetteville campus. The population of Fayetteville exceeds 90,000 and is located in Northwest Arkansas in one of the fastest growing areas in the U.S.

Our department website is: <https://agricultural-education-communications-and-technology.uark.edu/>

The University of Arkansas is an equal opportunity, affirmative action institution. The university welcomes applications without regard to age, race/color, gender (including pregnancy), national origin, disability, religion, marital or parental status, protected veteran status, military service, genetic information, sexual orientation or gender identity. Persons must have proof of legal authority to work in the United States on the first day of employment. All applicant information is subject to public disclosure under the Arkansas Freedom of Information Act.

APPLICATION PROCEDURE: Applications will be accepted through June 12, 2022. The link to apply is:

https://uasys.wd5.myworkdayjobs.com/en-US/UASYS/details/Associate-Professor---12-MONTH_R0012333?q=associate%20professor&locations=17a66cdad98201f7890cfb48ca00e249

Questions may be directed to:

Dr. Don Johnson, University Professor and Search Committee Chair, dmjohnso@uark.edu

ANTICIPATED START DATE: January, 2023