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POST DOCTORAL RESEARCH ASSOCIATE POSITION ANNOUNCEMENT

TITLE: Postdoctoral Scientist (Ph.D.) Food Safety

The Department of Food Science and Center for Food Safety at the University of Arkansas Agricultural Experiment Station in Fayetteville, AR seeks one post-doctoral scientist to work in the food safety program of Dr. Kristen Gibson. The selected applicant will work on the environmental control of human pathogens along the food system continuum with an emphasis on human pathogenic viruses. Specifically, the post-doctoral scientist will focus on i) the persistence of viruses within food production systems such as controlled environment agriculture; ii) the efficacy of environmental sampling tools and protocols; and iii) the environmental control of foodborne pathogens within a variety of settings from farm to fork.

RESPONSIBILITIES:

- Conduct research in BSL-2 laboratory with a focus on the environmental control of human pathogens.
- Utilize both culture and molecular-based methods for detection of microorganisms.
- Participate in the design and execution of applied research in transmission of infectious disease within the food system.
- Review scientific and applied literature to identify appropriate materials, statistical techniques, or methods applicable to the area of research.
- Train undergraduate and graduate students on bacterial and virological methods.
- Develop scholarly activity at scientific conferences and publications in peer-reviewed journals.
- Maintain laboratory, record-keeping, and laboratory equipment.

QUALIFICATIONS: Highly motivated candidates should have a Ph.D. in food science or closely related field with a concentration in microbiology, virology, or a relevant field and experience in laboratory microbiology. Demonstrated experience in food safety systems. Experience with retail food safety and environmental virology is desirable. A strong and proven record of scientific accomplishment by peer-reviewed publications is a must for this position. Working knowledge of MS Office and Excel is essential as well as relevant statistical software packages (e.g. R, SAS, or JMP). High-level of skill in applying statistical principles to quantitative and qualitative data is required. Experience in grant-writing is desirable. Effective human relations skills are required to work with a variety of stakeholders and professional groups. Experience with diversity and ability to work well in a multi-cultural team setting. Ability to effectively communicate verbally and in written form with a variety of audiences is required.

SALARY: Commensurate with qualifications and experience with full university benefits package. Initial appointment is for one year and may be renewed for up to two years contingent upon availability of subsequent funding and job performance.

REQUIRED DOCUMENTS TO APPLY: Curriculum Vitae, List of three Professional References (name, email, business title), Unofficial/Official Transcript(s)

LINK TO APPLY: https://uasys.wd5.myworkdayjobs.com/UASYS/job/Fayetteville/Post-Doctoral-Research-Associate_R0056461

CONTACT INFORMATION: Dr. Kristen E. Gibson, keg005@uark.edu

For general application assistance or if you have questions about a job posting, please contact Human Resources at 501-671-2219 or 479-502-9820.