

Graduate Teaching Assistantship

Applied Agricultural Statistics

The Animal Science department at The University of Tennessee Institute of Agriculture (UTIA) is seeking a self-motivated graduate student (MS or PhD) in applied agricultural statistics. This Graduate Teaching Assistantship will support Dr. Liesel Schneider's teaching and statistical consulting efforts. After appropriate training, the GTA will be expected to provide assistance related to data cleaning, organization, simple statistical procedures (i.e. descriptive statistics, manipulation to provide summary datasets, graphical representation) and more advanced statistical modeling (i.e. linear regression, logistic regression, mixed model analysis of variance, and multivariate analyses).

Additionally, the student will perform research related to statistical methods, beef cattle health, and precision livestock farming. Potential research topics include livestock environment management, animal health monitoring and surveillance, and comparisons of diagnostic methods.

Applicants should have an earned B.S. or M.S. in animal science, biostatistics, or related field by the time of hiring. Strong skills in one or more statistical analysis software are expected. Experience in machine learning is highly preferred, but not required.

More information of graduate program can be found in Animal Science website: (<https://animalscience.tennessee.edu/graduate-program-future-students/>)

A tuition waiver and a competitive stipend commensurate with education and experience will be offered.

Admission is expected in Fall 2021 or Spring 2022.

If interested, please send your CV and research statement to Dr. Liesel Schneider (lschneider@utk.edu). Please contact Dr. Schneider for any questions.