

PhD Position in Digital Agriculture LSU Ag Center Fall 2020

The LSU Ag Center invites applications for a new PhD position in Digital Agriculture. The successful candidate is expected to conduct research in a variety of areas both from Weed Science and also Statistics, Mathematics and Computer Science. The candidates' focus will be on Data Analysis primarily through Machine Learning, Database development, Drone and Image processing but also on how these practices can enhance production efficiency and help manage weeds.

Candidates must hold a bachelors or masters in relevant fields but preference will be given to people with a bachelors in Agronomy, Weed Science, Plant Biology, Computer Science, Mathematics, Statistics, or related fields. The selected candidate will be expected to pursue a strong, independent, multidisciplinary, research program utilizing cutting edge techniques in terms of software and hardware. A research assistantship is available.

Due to the multidisciplinary nature of the project the candidate is expected to dual enroll in the School of Plant, Environmental, and Soil Sciences and the Department of Experimental Statistics completing the School of Plant, Environmental, and Soil Sciences PhD program and obtaining a PhD minor in Statistics. The successful candidate is also expected to participate in appropriate computer science classes and their pre-requisites at the master's level and above, as well as have a strong background in agriculture.

All applicants should submit their application online to Dr. Lauren Lazaro (llazaro@agcenter.lsu.edu). Electronic applications should include a cover letter describing the principal expertise of the applicant, a statement of research interests, a complete resume, and a publication list if any. Applications should also include at least three reference letters.

Applications will be reviewed starting January 15, 2020 and will be accepted until the position is filled.

The LSU Ag Center is an equal opportunity/affirmative action employer that actively encourages interest from minorities and women and is committed to recruiting, supporting, and fostering a diverse community of outstanding faculty, staff, and students. All applicants who share this goal are encouraged to apply.

The candidate will work closely with Dr. Lauren Lazaro (School of Plant, Environmental, and Soil Sciences) and Dr. Thanos Gentimis (Experimental Statistics). Please refer your questions to Dr. Gentimis at agentimis1@lsu.edu and/or to Dr. Lazaro.