



Graduate Research Assistant Position (M.S.) Available in Agricultural/Biological Engineering

Position Description

Mississippi State University is inviting applications for a M.S. level Graduate Research Assistantship in the Department of Agricultural and Biological Engineering. The successful candidate will conduct, under the supervision of Dr. Yuzhen Lu, original, multidisciplinary research broadly within the fields of sensing and automation for agriculture-food systems. Potential research topics include but are not limited to sensing and assessment of food quality and safety, imaging, machine learning and robotics for plant phenotyping and precision agriculture, and artificial intelligence and IoT in plant/animal production. The graduate student will be funded during a two-year period of study with living stipends, tuition, fees, and health insurance.

Qualifications Sought

- Qualified applicants should earn a B.S. or M.S. degree in Agricultural/Biological Engineering, Food Engineering, Electrical Engineering, Computer Science, or related engineering fields, by the time of enrolling in the program.
- Students with non-English credentials must obtain a TOEFL score of 79 iBT or IELTS score of 6.5 or higher (GRE may be waived).
- Students who are proficient in computer programming (Matlab/Python/C++), image processing and analysis and mathematical modeling, and have excellent writing and communication skills are highly welcome to apply.
- The successive candidate will be organized, self-motivated, and willing to learn new skills and collaborate in a highly multidisciplinary environment.

Application Procedures

Please contact Dr. Yuzhen Lu (email: yzlu@abe.msstate.edu; website: yuzhenlu.com), if you are interested in or have any questions regarding this position. A full application for an official offer to be made should include a cover letter describing the applicant's research interest, a CV, transcripts, test score(s), and a list of three references including names, email, address and telephone number. Please visit the website <https://www.grad.msstate.edu/students/admissions> for application details.

Applications will be screened immediately until the position is filled. The anticipated start date for the position is Fall 2021.

Mississippi State University (www.msstate.edu) is a public, Land-Grant, Sea-Grant research university founded in 1878, adjacent to Starkville, Mississippi. At Mississippi State University, we believe in getting personal. Our university provides the academic, leadership, and social opportunities to help each person excel. Your success—in whatever field of study or career goal—is our success. We take that mission seriously. Here, faculty, staff and students share a common goal: to make the Mississippi State University experience a lifetime opportunity.