UNIVERSITY OF GEORGIA

College of Engineering

Research Assistantship in Plant Robotics

The Bio-Sensing and Instrumentation Laboratory in the College of Engineering at the University of Georgia has two opening positions for Ph.D. level research assistantship (RA). We invite highly motivated graduate students to apply. The positions are expected to begin in September 2017 or Spring 2018.

University of Georgia is ranked #56 in National Universities and #18 in public universities in the 2017 rankings by the *US News and World Report*. The Bio-Sensing and Instrumentation Laboratory is dedicated to developing innovative sensing and robotic technologies for agricultural and food systems, contributing to providing safe and quality food in an efficient and sustainable way to feed the 9 billion people expected to inhabit our planet by the middle of this century. The funding of the RA is from the National Robotics Initiative (a joint program between the National Science Foundation and National Institute for Food and Agriculture). The candidates are expected to work on projects to develop robotic technologies (including autonomous ground robot and unmanned aerial systems) for high throughput plant phenotyping.

Successful candidates are expected to have relevant experiences and interests in one or more of the following areas: computer vision, mechatronics, robotics, electronics, sensing, and machine learning, with strong programming skills in one or more of the following languages (MATLAB, LabVIEW, Python, C/C++, Java, and IDL). In addition, it would be desirable to have the proven ability to publish research in peer-reviewed journals, and to learn new technologies.

Interested applicants are encouraged to send a curriculum vitae, a list of three references, and transcripts to Dr. Changying Li at cyli@uga.edu.

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Bio-Sensing and Instrumentation Lab