

Clemson University Agricultural Sciences Department Announces New Graduate Program Assistantship Opportunities

The Department of Agricultural Sciences (AS) at Clemson University is excited to announce a plethora of outstanding opportunities for graduate students to join our newly formed graduate program. We are currently seeking qualified candidates for a total of 5 doctoral (Ph.D.) research assistantships and 10 Master's (MS) research assistantships. Our unique department is comprised of three interdisciplinary programs including Agribusiness, Agricultural Education, and Agricultural Mechanization and Business. The Department brings the strengths, expertise, and talents of an experienced multidisciplinary faculty and staff to deliver research-based knowledge to address agricultural, economic, natural resources, and environmental issues important to society.

Appointments are annual, 12-month, for the duration of a 2-year Master's program and 3-year PhD program and are contingent upon satisfactory performance of academic and assistantship responsibilities.

Within the **Agribusiness Program** we offer the graduate degree of **Applied Economics and Statistics** we have 4 MS research assistantships available. The faculty in the Agribusiness program conduct innovative research that focuses on the management of the many aspects of agricultural systems, such as: production economics, farm management, distribution, agricultural policy, environmental economics/policy, risk management, consumer behavior, regional economics and marketing. Students completing the program of study towards a Master's degree will receive instruction in intermediate economic theory, quantitative methods, policy analysis, as well as, elective courses in their area of interest.

In our **Agricultural Education Program**, we currently have 3 PhD and 3MS research assistantships. The Agricultural Education Program provides advanced degree preparation related to agricultural sciences and professional education for agricultural educators, cooperative extension and industry professionals. Efforts include a strong continuing education program focused on developing effective teaching methods, curriculum and adult education program development, and innovative strategies for technology integration. Current research areas of focus for the faculty in the Agricultural Education Program include program evaluation related to in-service teacher professional development and cooperative extension programs, factors related to career readiness, teaching effectiveness, inquiry-based and science, technology, and engineering and mathematics (STEM) instruction and curriculum development.

Under the **Agricultural Systems Management Program**, we have 2 PhD research assistantship and 3 MS research assistantships available. The Agricultural Mechanization or System Management Program area involves research efforts focused on precision agriculture, sustainable agriculture, irrigation design and scheduling, machine systems and automation, sensors and data acquisition, storm water design, erosion prevention, sediment control, water quality, animal and plant structures, and nutrient and waste management.

Minimum Qualifications:

BS and/or MS degree in area related to Agricultural Sciences, with a GPA of 3.0 or higher.

Experience related to program area of interest.

Combined GRE Score of 300.

Preferred Skills:

Strong desire to conduct research

Excellent verbal and written communication skills

Ability to work independently and in collaborative multidisciplinary teams

Clemson University's Department of Agricultural Sciences (AS) is a major supporter of agriculture and natural resources through its strong programs in teaching, research and outreach. The Agricultural Sciences Department delivers Clemson University's land grant mission of teaching, research, and engagement/outreach to the global economy that values the environmental, economic, and social benefits of sustainable agriculture and our natural resources. Clemson University is an R1 Land Grant university located on the shores of Lake Hartwell within view of the Blue Ridge Mountains in the Upper Piedmont of South Carolina, USA. The 1,400-acre campus is part of the 18,000 acres of University Farms and Forests devoted to teaching and research.

For more information about one of these exciting opportunities, please send a current resume and a brief personal statement (maximum of 3 double-spaced pages) that includes your experience, articulates your desire to pursue a graduate degree and identifies the research area and program of interest to Dr. Michael Vassalos (mvassal@clemson.edu), AS Department Graduate Program Coordinator. He will share your intent and introduce you to the appropriate faculty member for your identified program of interest. Eligibility for one of these research assistantship opportunities requires candidates to apply and be successfully admitted to the graduate school at Clemson University. For information on Clemson University's Graduate School, please use the following link: <https://www.clemson.edu/graduate/index.html>.