

Assistant Professor - Weed Biologist  
Auburn University

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Posted Jan. 28, 2022, set to expire Jun. 27, 2022

<b>Job Title</b>	Assistant Professor - Weed Biologist
<b>Department</b>	Crop, Soil and Environmental Sciences
<b>Institution</b>	Auburn University Auburn, Alabama
<b>Date Posted</b>	Jan. 28, 2022
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Agronomy/Plant & Soil Sciences Agricultural - General
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<b>Job Description</b>	

The Department of Crop, Soil, and Environmental Sciences in the College of Agriculture at Auburn University is seeking applications for the position of Assistant Professor - Weed Biologist. This position will be a nine-month, tenure-track position with a 75% research and 25% teaching appointment. The projected start date is August 16, 2022.

**Responsibilities:**

The successful candidate will be expected to develop a dynamic, impactful and innovative research program in the area of weed biology, ecology, and evolution. Of specific interest, the research program would focus on enhancing understanding in how weed management practices influence weed communities, how management and environmental selection pressures influence population genetic changes (e.g., genetic drift, allele frequency, genetics) in weed species, and how climate change is impacting weed management practices and the evolution of weed species. The successful candidate would be expected to use basic biological and ecological principles to solve and understand applied

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weed management issues. Candidates would be expected to transfer knowledge acquired from basic biology research to applied management practices. The successful candidate would be expected to develop novel and creative non-herbicide based weed management concepts and practices that take advantage of improved understanding of management impacts on weed biology.

The continued use of herbicides as the primary mechanism of weed management in agronomic crops is largely seen as unsustainable due to evolved herbicide resistance. Candidates are expected to provide novel insight into improving sustainability of herbicide-based weed management practices. While the primary focus of this position is focused on greater understanding of weeds species biology, some research effort on utilizing herbicides and the impact of herbicide chemistry practices on weed populations can be included in the overall research program. The primary plant systems research focus by the individual in this position will be in agronomic crops. The successful candidate in this position would be expected to work closely and cooperatively with other weed scientists in the Department of Crop, Soil and Environmental Sciences, as well as other scientists in related fields. Teaching responsibilities are 6-8 hours of course credit per academic year, including an upper level undergraduate/graduate weed science course and a graduate level weed science course. The successful candidate will mentor undergraduate students and supervise graduate programs in weed science. As a member of the College of Agriculture and the Alabama Agricultural Experiment Station, this position will also participate in service and outreach activities.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### Contact