

## Postdoctoral Researcher at LSU AgCenter

**Work Location:** Department of Entomology, Louisiana State University, Baton Rouge, LA 70803.

**Position Description:** The Sun Lab at Louisiana State University is seeking a postdoctoral researcher for an NSF-funded project focused on the plasticity of desiccation resistance in subterranean termites. This research will involve analyzing cuticular hydrocarbons and other physiological traits, and utilizing molecular biology tools such as RNA-Seq and RNAi to determine the acclimation capacity for desiccation resistance and the underlying mechanisms in different termite species. Some objectives of the work will be conducted in collaboration with Dr. Henry Chung (Michigan State University) and Dr. Thomas Chouvenec (University of Florida). The candidate is also expected to mentor undergraduate students and participate in outreach activities.

**Qualifications:** This position requires a motivated and independent scientist with a Ph.D. in biology, entomology or a relevant field. The candidate should possess skills in molecular biology or bioinformatics. Research experience with social insects or insect desiccation resistance is preferred but not required.

**Salary and Benefits:** Salary will be commensurate with qualifications and experience. The LSU AgCenter has an attractive benefits package with a wide variety of benefit options. Benefits offered include retirement, multiple medical insurance options, supplemental insurances (dental, life, long-term disability, accident, vision, long-term care, etc.), Tax Saver Flexible Benefits Plan (saves tax dollars on some child care and medical expenses), university holidays (14 per year, typically includes a week off at Christmas), generous annual (vacation) and sick leave benefits.

**Start Date:** August 1, 2024 or a later date mutually agreed upon. The initial appointment is for one year, with the possibility of renewal for a second and third year.

**Application Deadline:** July 20, 2024 or until a suitable candidate is identified.

**Application Procedures:** Apply online at <https://lsu.wd1.myworkdayjobs.com/LSU> (posting number R00094741) (or through Workday for internal applicants) by attaching file(s) containing a curriculum vita, a statement of research experience and interests, official university transcripts, and provide the names + contact information of three references. Questions about the online application system should be directed to the HRM Office at 225-578-0324. Questions about the position can be directed to:

Dr. Qian “Karen” Sun  
Department of Entomology  
Louisiana State University  
Phone: 225-578-1831  
Email: [qsun@agcenter.lsu.edu](mailto:qsun@agcenter.lsu.edu)

The LSU Agricultural Center provides equal opportunities in programs and employment.