

Research Associate Specialist (Chemical Ecology of
Insects and Plants)
LSU AgCenter

Direct Link: <https://www.AcademicKeys.com/r?job=227424>

Downloaded On: May. 9, 2024 8:07am

Posted Dec. 13, 2023, set to expire Nov. 9, 2024

Job Title	Research Associate Specialist (Chemical Ecology of Insects and Plants)
Department	East Baton Rouge Parish
Institution	LSU AgCenter Baton Rouge, Louisiana
Date Posted	Dec. 13, 2023
Application Deadline	Jan. 15, 2024
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Agricultural - General
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Job Description	

POSITION VACANCY ANNOUNCEMENT

Job Description

This is a contract/grant-funded, non-tenure track position. This position is available for at least one year and may be extended upon satisfactory progress and continuation of funding.)

Work Location: Department of Entomology, Louisiana State University, Baton Rouge, Louisiana

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Position Description: The Southern pine beetle (*Dendroctonus frontalis*; SPB) is one of the most important pests of pine trees in managed and unmanaged forests, causing ecological and economic damage throughout the Southeastern United States. Due to its severity, Louisiana, along with other states in the region, regularly monitor populations of the beetle and its major predators, checkered beetles. As part of a collaborative effort with the Louisiana Department of Agriculture and Forestry, the primary responsibility of this position is to identify and count SPB and associates collected from pheromone traps deployed across the state. When not leading this effort, the successful candidate would be expected to assist in the coordination of ongoing and developing research projects in the field and laboratory relating to the behavior and chemical ecology of trees, insect herbivores, and their natural enemies. Some travel within the state, as well as to neighboring states is expected.

Opportunities for career development related to this position might include:

- **Networking:** Direct interaction with a diverse team of scientists across state and federal agencies, as well as collaborating universities
- **Skills:** Hands on experience in the trapping of insects, collection and characterization of plant and insect chemicals, assessment of host plant resistance, and behavioral assays
- **Mentorship:** Direct interaction with undergraduate and graduate researchers
- **Project management:** Analysis of data, preparation of reports and manuscripts, allocation of budgets and research effort.

About Us and Our Research: Insect populations are regulated by abiotic and biotic factors that vary across the heterogeneous landscape. Our recently formed research group (September 2022) seeks to understand how natural variation influences ecological interactions in forest ecosystems, especially among organisms that contribute important ecosystem services (e.g., pest suppression,

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decomposition) or threaten biodiversity and ecosystem function (e.g., invasive species). We seek to use the knowledge we gain to further our fundamental understanding of forest ecosystems and their management. Ongoing projects in the lab include: community ecology of arthropods on ash trees, chemical ecology of classical biological control agents of the emerald ash borer, nutritional and reproductive ecology of longhorned beetles, and Southern pine beetle population dynamics and management. We have a strong commitment to maintaining a diverse, equitable, and safe environment in our research group and Department.

Qualification Requirements: Degree in Entomology (BS/MS) or related discipline including Ecology or Botany. Experience working in forest ecosystems, insect herbivores or parasitoids, and collection/analysis of chemicals from plants, insects, or soils is preferred. We are especially interested in creative individuals with love of field ecology and drive to challenge themselves and learn.

Salary and Benefits: Salary (range: \$30,000-\$40,000) will be commensurate with education 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, Employee Assistance Program, and possible educational leave and tuition exemption for coursework at campuses of the LSU System. Specific benefits depend on job category, percent effort and length of employment.

Date Available: Upon completion of the selection process.

Application Deadline: January 15, 2024 or until a suitable candidate is identified.

Application Procedure: Apply online at <https://lsu.wd1.myworkdayjobs.com/LSU> (or through Workday for internal applicants) by attaching cover letter with resume, curriculum vitae, official university

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transcripts, and contact information for three references. (Paper, faxed or e-mailed application materials will not be accepted.) For more information, please contact:

Dr. Todd D. Johnson

Louisiana State University

Department of Entomology

404 Life Sciences Building

Baton Rouge, LA 70803

Email: ToddJohnson@agcenter.lsu.edu

Website: www.lsuagcenter.com

The LSU Agricultural Center is a statewide campus of the LSU System and provides equal opportunities in programs and employment. An Equal Opportunity Employer.

Contact Information

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

Contact