

Postdoctoral Researcher of Ecology (Plant Herbivore)
Louisiana State University and Agricultural and
Mechanical College

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Posted Sep. 25, 2020, set to expire Jan. 25, 2021

Job Title	Postdoctoral Researcher of Ecology (Plant Herbivore)
Department	Department of Biological Sciences https://www.lsu.edu/science/biosci/index.php
Institution	Louisiana State University and Agricultural and Mechanical College Baton Rouge, Louisiana
Date Posted	Sep. 25, 2020
Application Deadline	Oct. 9, 2020
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Earth Sciences Botany/Plant Sciences
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Apply By Email

Job Description

A full-time postdoctoral researcher to participate in a USDA funded project that focuses on the role of plant chemistry in mediating plant-herbivore, plant-soil microbe, and above- and belowground interactions. The goal is to understand whether these interactions are playing a role in the large-scale dieback of a dominant coastal marsh plant (*Phragmites australis*) in the Mississippi River Delta. The postdoctoral researcher will be expected to design and conduct experiments, analyze data and write manuscripts for peer-reviewed publications.

Duties:

70% Design and conduct experiments, to understand whether these interactions are playing a role in

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the large-scale dieback of a dominant coastal marsh plant (*Phragmites australis*) in the Mississippi River Delta.

20% Write manuscripts and give presentations on the research.

10% Laboratory upkeep and maintenance; organize and quality-control data. Work with undergraduate and graduate students in the laboratory.

Minimum Qualifications:

PhD in Entomology, Botany, Ecology or related field.

Preferred Qualifications:

PhD in Entomology, Botany, Ecology or related field. With specific experience in conducting research on plant-herbivore or plant-soil microbe interactions. Strong statistical skills using SAS or R; A strong record of publications in peer-reviewed journals related to plant, plant-herbivore interactions or plant-microbe interactions.

Special or Physical Qualifications:

Must be willing and capable of working in coastal marsh habitats and in hot and humid weather.

Special Instructions:

Please submit a c.v., brief statement of research interest/accomplishments and a list of at least 3 professional referees with full contact information.

Additional Position Information:

Background Check - An offer of employment is contingent on a satisfactory pre-employment background check.

Benefits - LSU offers outstanding benefits to eligible employees and their dependents including health, life, dental, and vision insurance; flexible spending accounts; retirement options; various leave options; paid holidays; wellness benefits; tuition exemption for qualified positions; training and development opportunities; employee discounts; and more!

Questions or concerns can be directed to the LSU Human Resources Management Office at 225-578-8200 or emailed HR@lsu.edu

EEO/AA Policy

LSU IS COMMITTED TO DIVERSITY AND IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

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Contact Information

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

Contact

Baton Rouge, LA