



Dept. of Entomology, 404 Life Sciences Bldg.
Louisiana State University
Baton Rouge, Louisiana 70803
Phone: (225) 578-1634

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Graduate Student Opportunity: Exploring novel chemistries to reduce plant pathogen transmission.

The Davis lab in the Department of Entomology at Louisiana State University is seeking a PhD-level graduate student.

Background: The Davis Lab at Louisiana State University has recently been awarded several grants to identify novel chemistries that simultaneously inhibit feeding, halt pathogen transmission, and induce mortality of Hemipteran plant disease vectors. This project will test the efficacy of these chemistries to prevent plant feeding by hemipteran vectors and by doing so, prevent pathogen transmission and acquisition.

Qualifications: A MS degree in Biology, Entomology, or related field. Interested students should have a strong interest in plant virus vector epidemiology. Students should have good organizational skills, demonstrated communication skills, experience with molecular techniques, and must be self-motivated and be willing to be a part of a dynamic lab group.

Position Details: Student will be based in Baton Rouge, Louisiana and advised by Dr. Jeff Davis (field crop entomology, IPM). Tuition remission will be granted, and a competitive stipend will be provided. Preferred start date: August 2023.

How to apply: Prospective students should email a statement of interest and CV to Jeff Davis (JeffDavis@agcenter.lsu.edu). Full application details for the Department of Entomology can be found [here](#), and the LSU Graduate School [here](#).

The University: LSU includes institutions, facilities, and programs in each of Louisiana's 64 parishes, and its campuses stretch the length of the state from New Orleans to Shreveport. Each institution plays a vital role in preparing students to incorporate new knowledge and technologies into their daily lives. LSU researchers across Louisiana are developing a wide range of innovations to improve quality of life by studying issues such as disease management, advance medical treatments, obesity, coastal protection, hurricane preparedness, energy, natural resource management and agriculture, among others. Louisiana's Flagship University is a land-, sea- and space-grant institution with academic programs in all areas of science, engineering, humanities, arts, and social sciences.

EEO Statement: The LSU Agricultural Center is a statewide campus of the LSU System and provides equal opportunities in programs and employment. An Equal Opportunity/Affirmative Action Employer.