

Postdoctoral Scientist

Department of Entomology

Louisiana State University, Baton Rouge, Louisiana, USA

Application Deadline: 2 March 2018

Start date: 20 March 2018

Qualifications

Ph.D. in entomology, biochemistry, biology, or related field with experience in identification and quantification of plant natural products.

Description

Two years of funding are available to support a post-doctoral scientist interested in the causal bases of plant resistance to insects. The scientist will be housed in the laboratory of Dr. Michael Stout in the Department of Entomology at Louisiana State University. The ideal candidate will have experience with techniques for extracting, separating, identifying, and/or quantifying plant natural products and will conduct research on the chemical ecology of plant-insect interactions in rice, other grasses (e.g., *Phragmites*), soybeans, and sweetpotatoes. The scientist will assume leadership of ongoing research projects on the biochemical and morphological bases of constitutive and inducible plant resistance in these plants. The scientist will also assist in managing the day-to-day activities in Dr. Stout's laboratory, including participation in the mentoring of undergraduate and graduate students. The scientist will be expected to publish the results of his/her research in refereed journals and to pursue extramural funding from various sources, including USDA-NIFA and NSF.

Application Materials

Cover letter with CV, transcripts, and contact information for three references.

Submit applications and further questions to:

Candidates must apply online at <https://lsu.wd1.myworkdayjobs.com/LSU> by attaching cover letter with CV, transcripts, and contact information for three references. Paper, faxed or e-mailed application materials will not be accepted.

Further questions should be directed to:

Michael Stout, Professor and Head

Entomology Department

Louisiana State University

404 Life Sciences Building

Baton Rouge, LA. 70803

Email: MStout@agcenter.lsu.edu