Postdoctoral and Ph.D. Positions in Molecular Plant-Insect Interactions at the University of Nebraska-Lincoln

A Ph.D. and postdoctoral position is available in the Molecular Plant-Insect Interactions laboratory at the University of Nebraska-Lincoln (UNL). The selected candidates will work under the direction of Dr. Joe Louis in the Department of Entomology, UNL. The research project will be on identifying and characterizing plant resistant genes, plant physiological responses to insect feeding, and understanding the genetic basis of plant resistance to insects recently funded by the National Science Foundation. Selected recent publications related to these positions include: *Plant Physiology*, 2019; DOI: 10.1104/pp.18.01472, *Frontiers in Plant Science*, 2019; DOI: 10.3389/fpls.2019.00145, *Arthropod-Plant Interactions*, 2019; DOI: 10.1007/s11829-019-09679-y.

Candidates should have a degree in Entomology, Molecular Biology, Genetics, Biochemistry or a related discipline. Prior experience with plant-insect stress biology research, gene expression analysis (RNA-seq, statistical analysis of expression datasets), genome editing (CRISPR/Cas9), and QTL mapping is a plus. Successful candidate should have excellent written and oral communication skills. The ability to work well in a team-oriented environment is essential.

Interested candidates should submit the following as a single document to Dr. Joe Louis (joelouis@unl.edu). The email should include the following: i) one page cover letter/research interests and how they relate to this position ii) CV and iii) names and contact information for three references (including the phone number and email address). Screening of applications begins March 25, 2019 and will continue until the position is filled. The start date can be as early as May 2019.

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See [http://www.unl.edu/equity/notice-nondiscrimination](http://www.unl.edu/equity/notice-nondiscrimination).