

Graduate Research Assistantship

DEPARTMENT OF Crop Sciences
UNIVERSITY OF ILLINOIS at Urbana-Champaign

Ph.D. student, Molecular Plant Pathology/Bacteriology/Functional genomics

Two graduate research assistantships (Ph.D) are available in the Department of Crop Sciences at the University of Illinois at Urbana-Champaign as early as the spring semester of 2010.

Candidates with a background in plant pathology, microbiology, genetics, molecular biology or plant science are preferred. A demonstrated background in molecular techniques is required. Prior experience in bacteriology and bioinformatics is an advantage, but not required. Applicant must have an interest in molecular plant-microbe interactions and the ability to work in a team including interdisciplinary collaborators. The ideal candidate would have practical experience in molecular techniques e.g., PCR; real-time PCR; cloning; gel electrophoresis; Southern and northern blotting or microarray. The successful applicant is expected to have excellent written and oral communication skills and to be able to work independently. Position responsibilities and duties include: design and execution of experiments; data analysis; preparation of manuscripts; presentation of results at professional meetings.

Application: Applicants should email Dr. Frank Zhao directly (zhao888@Illinois.edu) to indicate their interest in this position. Applicants have to follow the departmental guidelines to apply to the plant pathology or molecular biology/genetics graduate program and to the Graduate College at University of Illinois (<http://www.grad.illinois.edu/admissions/applicant.htm>).