



THE OHIO STATE UNIVERSITY

Ph.D. and M.S. Graduate Research Assistant Position in Plant-Microbe Interaction
Available Spring/Fall, 2017
Department of Plant Pathology, The Ohio State University, Columbus, OH, 43210 USA

Description: The successful applicant will conduct experiments using a wide range of approaches in biochemistry, genetics, genomics, molecular biology, bioinformatics, metabolomics, and cell biology. The research will aim to study plant surface (cell wall and cuticle) mediated plant immunity against diverse pathogens; and/or improvement of plant immunity and yield by beneficial microbes from phytobiome.

Qualifications:

- For Ph.D. Graduate Research Assistant, M.S. in in plant biology, microbiology, plant pathology, genetics, biochemistry, molecular biology or related area; For M.S. Graduate Research Assistant, B.A. in in plant biology, microbiology, plant pathology, genetics, biochemistry, molecular biology or related area
- Experience in plant immunity, microbial pathogenesis, beneficial microbes, plant-microbe interaction, phytobiome related study, and evidence of excellent accomplishment in conducting scientific research
- Skills in biochemistry, genetics, genomics, molecular biology, cell biology, next-generation sequencing, bioinformatics, and metabolomics
- Ability to work in a team and also independently
- Excellent communication, reading, and writing skills in English

Application materials include an online application, GRE general scores, statement of intent, curriculum vita, transcripts from all college institutions attended, and 3 letters of recommendation. International applicants should review requirements for English proficiency (TOEFL or other approved test).

For application instructions, visit: <http://plantpath.osu.edu/future-students/graduateapplication>.

To be considered for Spring 2017, applications should be received by mid-September 2016.

Contact: Dr. Ye Xia, xia.374@osu.edu

Applications: Submit complete application in single one PDF including (1) cover letter, (2) curriculum vitae, and (3) contact information of three references to Dr. Ye Xia (xia.374@osu.edu). Review of applications will begin Aug 1, 2016 and continue until the successful candidates are identified.

See more research information on <http://plantpath.osu.edu/our-people/ye-xia>
Get more application information on <http://plantpath.osu.edu/future-students/graduateapplication>