

**Ph.D. and M.S. Graduate Research Assistant Position Available Spring/Autumn 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. or B.S. 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](http://plantpath.osu.edu/future_students/graduateapplication).

To be considered for Spring 2017, applications should be received by September 26<sup>th</sup>, 2016.

For potential applicants screening: submit complete application in single one PDF file including 1) cover letter, 2) curriculum vita including GRE and TOFEL scores, 3) All transcripts, and 4) contact information for three references to Dr. Ye Xia (xia.374@osu.edu). Review of applications will begin Sept. 1st, 2016.

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>