Graduate Research Assistantship

Prospective candidates are invited to apply for PhD research assistantship to conduct interdisciplinary research in Prof. Jung-Youn Lee’s laboratory (https://leelab.dbi.udel.edu) at the Delaware Biotechnology Institute, Department of Plant and Soil Sciences, University of Delaware, U.S.A.

The successful candidates will participate in cutting-edge plant research to investigate molecular mechanisms underlying plant responses to biotic and abiotic stresses with the focus on the role of cell signaling. Specifically, the successful candidate will investigate how the intercellular channel plasmodesma is regulated by a set of molecular players at the cell type- and tissue-specific manner.


Currently two GRA positions are available to be filled. The successful candidates will conduct research in a stimulating and interdisciplinary research environment. Preference will be given to candidates with research experience and with a BS or Ms degree in Biology, Biochemistry, Molecular Biology, or Plant Science or Plant Pathology.

Research experience in DNA cloning, transient gene expression; analyzing plant responses to abiotic or biotic stress; microscopy and cell biology; or Arabidopsis transformation/mutant phenotyping is preferred. The successful candidates are highly motivated, proactive, team-oriented members with an excellent academic record, strong passion for plant research, and proficient communication skills in English.

Graduate research assistants receive full tuition credit ($31,860 per year) and a stipend (~$26,000-28,000 per year commensurate with experience).

Those candidates interested in applying should directly contact Prof. Jung-Youn Lee via email (lee@dbi.udel.edu).