Graduate opportunities in plant-microbe-soil interactions in the Russo Lab at UNL

The Russo Lab (www.russolab.unl.edu) at the University of Nebraska-Lincoln is seeking masters or PhD students interested in conducting research on plant-microbe-soil interactions.

Graduate positions are available as part of a multi-PI NSF-funded project (crri.unl.edu/about-crri) investigating plant-microbe rhizosphere interactions in natural grassland and agricultural systems. A variety of approaches (field, greenhouse, genomic, and experimental) are being used to address questions ranging from identifying patterns of soil and rhizosphere microbial diversity, to investigations of mechanisms involved in plant-soil feedbacks, especially under stress.

Graduate students will work in multi-disciplinary collaborative teams and have the opportunity to gain skills in areas such as microbial ecology, bioinformatics, genomics, and modeling, in addition to plant physiology and ecology.

Members of the Russo lab work broadly in plant ecology and diversity, linking ecophysiology with demography and species distributions. Potential applicants should email Sabrina Russo (srusso2@unl.edu) with the subject line, “Plant-microbe Graduate Position”, and with a description of their research interests and experience and resume summarizing previous coursework and listing any publications. See www.russolab.unl.edu/links and www.biosci.unl.edu/prospective-graduate-students and www.unl.edu/gradstudies/prospective/programs/BiologicalSciences#apply for information on how to apply (deadline December 1, 2017).