**STDT 3 Lab Assistant JOB ID# 839773**

LOCATION: 586 Hutchison Hall, Department of Plant Pathology. Laboratory of Dr. Amisha Poret Peterson, Research Microbiologist, USDA/ARS-CPGRU, 1 Shields Ave, Davis, CA 95616.

JOB PURPOSE: To provide support for molecular microbial ecology research projects.

JOB DESCRIPTION: Assist in research on soil microbial communities associated with tree crops in laboratory, greenhouse, and field settings. Training will be provided. Position duties will include: (1) DNA and RNA extraction, PCR, gel electrophoresis, and nucleic acid quantitation, (2) enzyme assays and other biochemical tests, (3) media preparation and culturing of microorganisms, (4) soil sampling in field locations, and (5) plant maintenance in greenhouse. Opportunities to learn bioinformatic processing of sequence data and statistical analyses will also be available.

QUALIFICATIONS: Introductory coursework in biology, chemistry, geology, or other sciences. Familiarity with Microsoft Word and Excel or equivalent applications is required. Basic laboratory training is preferred, but no specific experience is required. Must be able to work in greenhouse and field conditions. A valid driver’s license is required. Must be reliable, organized, and interested in learning. Freshman and sophomore students are encouraged to apply.

DURATION: Flexible. Summer 2018 onward

APPROXIMATE HOURS PER WEEK: 10-20

TRAVEL PERCENTAGE: < 10% Travel

BASE PAY RATE: STDT3, $11.25

CONTACT: Amisha Poret-Peterson, aporetpeterson@ucdavis.edu