OFFICE OF STUDENT FINANCIAL AID
UNIVERSITY of WASHINGTON
Division of Student Life

Work Study Job Description

Job Title	Lab Assistant
Department Name	SEFS
Job Location	Winkenwerder Hall
Pay Rate	$12 - $12
Employment Period	Academic Year
Hours Per Week	19 hrs/wk
Contact Supervisor	Sharon Doty
Phone Number	206-616-6255
Email Address	sldoty@uw.edu
Website	http://faculty.washington.edu/sldoty
Box Number	352100

Nature of Organization

Duties and Responsibilities

The student will be funded by a new NIFA/USDA grant on using endophytes for climate change mitigation, increasing plant growth and health and providing fixed nitrogen, lessening the need for chemical fertilizers and other inputs. The primary responsibility of the student will be to assist the Research Scientist in all aspects of the experiments. These duties include preparation of microbial and plant media, preparing microbial cultures, germinating seeds, inoculating seeds with endophytes, monitoring growth of seedlings, and helping to gather data for publication. Other duties include preparing chemical solutions and doing general lab maintenance including washing and sterilizing glassware, autoclaving biohazardous waste, and disinfectin

Minimum Qualifications

At least one quarter of general chemistry. A background in biology and microbiology would be helpful. The student must be responsible and work well with others.

Educational Benefits

The student will learn sterile technique, media preparation, and have the opportunity to learn valuable plant microbiology research techniques. The student may be a co-author on the research paper resulting from the work. The student will be part of a rigorous plant biotechnology lab and would be welcome to attend the weekly lab meetings and to learn from the graduate students, research scientists, and undergraduate researchers in the lab.

How to Apply
Contact Professor Sharon Doty by e-mail

Job Number: EFSC01 | Job Class Code: 0875 | 51% Comp. To Classified: y | State | Closed