

January 30, 2012

Research Assistant (Micro/Protein/PCR), UAS1317
Biological Sciences

Salary Range: \$15.00 /Hourly

Work Schedule: Part-time, hours to be determined with a maximum of 20 hours per week, non-exempt classification. This position does not provide benefits. This position has a contract end date of on or before May 31, 2015.

Essential Functions:

Under direct supervision of Dr. Porter and a research associate, the incumbent will perform protein extraction and electrophoresis, immunoassays, PCR, antimicrobial assays, and participate in general lab maintenance.

Specific Job Duties include but are not limited to:

60% of time: Perform protein extraction, SDS- and AU PAGE, Western immunoblot and dot blot to quantify antimicrobial peptides as well as various proteins involved in antimicrobial lipid biosynthesis using tissue, body fluids or cell culture materials. Conduct antimicrobial assays with BSL1 and BSL2 microorganisms. Assist in PCR experiments.

15% of time: Supervise and train undergraduate students in the Porter lab and train other researchers in various related research projects.

20% of time: Participate in lab maintenance such as but not limited to: ordering; stocking orders; cleaning refrigerators and freezers.

5% of time: Participate in scientific data communication including preparation of publication quality figures, assisting in manuscript preparation, and conference presentation and performs other related duties as assigned.

Requirements: A completed UAS employment application is required. B.S. degree from an accredited four year college or university in Microbiology or related field. Appropriate experience with BSL1 and BSL2 microorganisms. Aseptic technique. Experience in various immunoassays. General lab skills to include but not limited to buffer preparation, pH-ing, pouring SDS gels for protein electrophoresis, and simple calculations for dilutions. Fingerprinting will be taken and checked by the California Department of Justice and FBI.

Special desired qualifications: Ability to perform various methods to quantify viable bacteria. Pouring AU gels for protein electrophoresis Qualified to work with tissue and fluid samples of human origin. Experience in PCR and training students.

Review of applications/resumes will begin February 6, 2012 and will continue until the position is filled; however, the position may close when an adequate number of qualified applications are received. A completed UAS employment application is required.

<http://www.calstatela.edu/univ/uas/hrmformtemp.php>

You may apply to: uasshr@cslanet.calstatela.edu or mail to: Cal State LA University Auxiliary Services Inc., 5151 State University Drive, GE 310, Los Angeles, CA 90032-8534.

UAS hires only those individuals lawfully authorized to work in the United States. Americans with Disabilities (ADA) requested accommodations should be made in advance to the UAS Human Resources Department. UAS is an Affirmative Action/Equal Opportunity Employer.