POSITION: ASSOCIATE RESEARCH CHEMIST

DEPARTMENT: Moss Landing Marine Laboratories Norte: WPCL (Rancho Cordova, CA)
IMMEDIATE SUPERVISOR: Organic Extractions Lab Lead
POSTING DATE: 03/29/2016
CLOSING DATE: Open Until Filled
SALARY: $16-23.50 / hour, DOQ/E Benefited
APPOINTMENT: Full Time Non-Exempt (hourly)

GENERAL NATURE OF POSITION:

Will perform Research Chemist and related tasks for the Water Pollution Control Laboratory’s Pestside Extraction Laboratory, located in Rancho Cordova, California.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

1) Perform various techniques of organic extractions on environmental water, sediment and biological tissue samples for the determination of environmental contaminants.

2) Operation of a wide range of manual and automated analytical equipment including accelerated solvent extraction systems, automated gel permeation chromatography and column chromatography for sample clean-up, and various liquid extraction protocols.

3) Preparation of analytical reagents and standards.

4) Performs maintenance and operation of laboratory extraction equipment.

5) Maintains laboratory notebooks for sample preparation.

6) Glassware washing and preparation with solvent rinses.

INTERPERSONAL CONTACTS: Reports to the WPCL Organic Extractions Laboratory Lead. Interacts and works with department staff and managers, other Research Foundation and State of California co-workers and university faculty.

QUALIFICATIONS:

1) Education and Experience

   a) Two years of college/AA degree. Emphasis in chemistry, biochemistry or environmental toxicology preferred.

   b) At least one year working in an environmental laboratory is preferred.
2) **Knowledge, Skills, Abilities required**

   a) Knowledge of environmental laboratory methods for extracting samples and EPA procedures.
   
   b) Knowledge of and ability to operate essential laboratory equipment for the extraction of water, sediment and tissue.
   
   c) Able to operate computer equipment and software is required. This includes solid working knowledge of Windows operating system and Microsoft Office applications.
   
   d) High level of organizational and planning skills with the ability to continually produce high quality data according to QA/QC requirements.
   
   e) Good laboratory practices and general computer skills to achieve maximum performance, efficiency, and safety.

3) **Physical Requirements**

   a) Must be able to operate a PC including mouse and keyboard.
   
   b) Must be able to work with chemicals and solvents.
   
   c) Must be able to lift objects up to 30 pounds.

4) **Complexity of Duties**

   a) Works on a variety of projects, utilizing many different laboratory methods.
   
   b) Knowledge of EPA chemical laboratory methods and procedures.
   
   c) Knowledge of proper laboratory pipet, filtration, homogenization, and weighing techniques.
   
   d) Ability to prepare and analyze samples.
   
   e) Ability to follow written laboratory procedures.

**APPLICATION PROCEDURE**

To apply for this position, you may submit a letter of interest and a resume or an application. An application and other information may be obtained from the Research Foundation Human Resources Department, through the Research Foundation’s web site at foundation-jobs@sjsu.edu or in person by visiting the Foundation, located at 210 North 4th Street, 4th Floor, San Jose, CA (corner of St. James and North 4th Streets). An application will be required for those interviewed.

The SJSU Research Foundation website’s job listings page, which also has a link for downloading an application, can be found at http://www.sjsu.edu/researchfoundation/open/index.html

San Jose State University Research Foundation
Atttn: HR/Job Code WPCL ReChem
210 North 4th Street
San Jose, CA 95112
E-mail: foundation-jobs@sjsu.edu

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The SJSURF has implemented California State University Executive Order 1083 (http://www.calstate.edu/EO-1083.pdf). By policy, all SJSURF employees are mandated reporters for suspected child abuse or neglect and are expected to undergo formal training in accordance with the directives of the Executive Order.

The SJSURF has also implemented California State University Policy Memorandum HR 2015 – 08 (http://www.calstate.edu/HRAdm/pdf2015/HR2015-08.pdf).

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the SJSURF. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current SJSURF employees who apply for the position.