POSITION: ASSOCIATE RESEARCH CHEMIST

DEPARTMENT: Moss Landing Marine Laboratories Norte:
WPCL (Rancho Cordova, CA)

IMMEDIATE SUPERVISOR: Organic Extractions Lab Lead

POSTING DATE: 08/26/2016

CLOSING DATE: Open Until Filled

SALARY: $16.00 - 23.50 / hour, DOQ/E
Benefited
Full time

APPOINTMENT: Non-Exempt (hourly)

GENERAL NATURE OF POSITION: The incumbent will perform Research Chemist and related tasks for the Water Pollution Control Laboratory’s (WPCL) 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, including the job description, may be obtained from the Research Foundation through its web site at [http://www.sjsu.edu/researchfoundation/open/index.html](http://www.sjsu.edu/researchfoundation/open/index.html). You may also obtain information in person by visiting the Research Foundation, located at 210 North 4th Street, 4th Floor, San Jose, CA (corner of St. James and North 4th Streets). A formal application for employment will be required of all candidates who are selected for a personal interview. Please address your letter of interest and resume or application directly to:

San Jose State University Research Foundation  
Attn: 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 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.