

DUTY STATEMENT

Employee Name:	Position Number: 580-353-5609-909
Classification: Research Scientist IV (Epidemiology/Biostatistics)	Tenure/Time Base: Permanent/Full-Time
Working Title: Senior Research Scientist	Work Location: 850 Marina Bay Parkway, Bldg. P, 3 rd Floor Richmond, CA 94804
Collective Bargaining Unit: R10	Position Eligible for Telework (Yes/No): Yes
Center/Office/Division: Center for Healthy Communities	Branch/Section/Unit: Environmental Health Investigations Branch Exposure Assessment Section

All employees shall possess the general qualifications, as described in California Code of Regulations Title 2, Section 172, which include, but are not limited to integrity, honesty, dependability, thoroughness, accuracy, good judgment, initiative, resourcefulness, and the ability to work cooperatively with others.

This position requires the incumbent to maintain consistent and regular attendance; communicate effectively (orally and in writing) in dealing with the public and/or other employees; develop and maintain knowledge and skill related to specific tasks, methodologies, materials, tools, and equipment; complete assignments in a timely and efficient manner; and, adhere to departmental policies and procedures.

All California Department of Public Health (CDPH) employees perform work that is of the utmost importance, where each employee is important in supporting and promoting an environment of equity, diversity, and inclusivity, essential to the delivery of the department's mission. All employees are valued and should understand that their contributions and the contributions of their team members derive from different cultures, backgrounds, and life experiences, supporting innovations in public health services and programs for California.

Competencies

The competencies required for this position are found on the classification specification for the classification noted above. Classification specifications are located on the [California Department of Human Resource's Job Descriptions webpage](#).

Job Summary

This position supports the California Department of Public Health's (CDPH) mission and strategic plan by contributing epidemiological expertise toward reducing the public health impact of harmful environmental exposures.

The incumbent works under the administrative direction of the Exposure Assessment Section Chief. The Research Scientist IV (RS IV) will use their advanced epidemiologic and statistical expertise to serve as a technical lead for the California Environmental Contaminants Biomonitoring Program (also known as Biomonitoring California) and as a technical advisor for the Environmental Health Investigations Branch (EHIB).

As lead scientist, the RS IV's responsibilities will include designing biomonitoring and other environmental health studies and conducting data analysis to reveal population-level exposure trends and explore disparities and sources of exposure. The RS IV will also provide guidance on EHIB projects, related to exposure investigations, and impacts of climate change.

Special Requirements

- Conflict of Interest (COI)
- Background Check and/or Fingerprinting Clearance
- Medical Clearance
- Travel: in-state travel up to 10%.
- Bilingual: Pass a State written and/or verbal proficiency exam in
- License/Certification:
- Other:

Essential Functions (including percentage of time)

- 30% Directs design and implementation of complex statewide surveillance and community-focused biomonitoring studies to measure chemical exposures across California populations. Works with the Biomonitoring California team to identify and prioritize biomonitoring research priorities. Utilizes advanced epidemiologic and statistical expertise to determine temporal, demographic, and geographic trends in data and to assess potential exposure sources. Directs the production of reports, papers, and presentations to communicate findings from Biomonitoring California studies.
- 30% Act as lead on EHIB projects, related to environmental exposure assessment, climate change, and non-infectious outbreaks. Advises the Branch Chief on branch-wide priorities and strategies to address priority environmental health issues. Provides independent review of manuscripts and draft reports for scientific accuracy.
- 20% Maintains expertise in environmental epidemiology and statistics, biomonitoring, and exposure assessment through regular review of scientific literature, attending technical conferences, and participation in State and national collaborations. Leads and develops collaborations to identify and address impacts of chemical exposures on population health.
- 15% Represents EHIB and Biomonitoring California across the Branch and to California and national organizations. Reviews and critiques manuscripts, reports, and proposed legislative bills as required.

Marginal Functions (including percentage of time)

5% Performs other job-related duties as required.

I certify this duty statement represents an accurate description of the essential functions of this position. I have discussed the duties and have provided a copy of this duty statement to the employee named above.

I have read and understand the duties and requirements listed above and able to perform these duties with or without reasonable accommodation. (If you believe reasonable accommodation may be necessary, or if unsure of a need for reasonable accommodation, inform the hiring supervisor.)

Supervisor’s Name:	Date	Employee’s Name:	Date
Supervisor’s Signature	Date	Employee’s Signature	Date

HRD Use Only:

Approved By: Ana Guzman
 Date: October 2023.