

**DUTY STATEMENT**

Employee Name:	Position Number: 580-352-5577-909
Classification: Research Scientist I (Epidemiology/Biostatistics)	Tenure/Time Base: Permanent/ Full Time
Working Title: Lead Poisoning Prevention Research Scientist	Work Location: 850 Marina Bay Parkway, Bldg. P-3, Richmond, CA 94804
Collective Bargaining Unit: R10	Position Eligible for Telework (Yes/No): Yes
Center/Office/Division: Center for Healthy Communities	Branch/Section/Unit: Childhood Lead Poisoning Prevention Branch/Program Evaluation & Research Section/Epidemiology Unit

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 supporting the Childhood Lead Poisoning Prevention Branch's (CLPPB) mission of identifying children at risk for lead poisoning, ensuring clinical and environmental case management of lead exposed children, and identifying and mitigating environmental sources of lead exposure.

The incumbent works under the supervision of the Chief of the Program Evaluation & Research Section's (PERS) Epidemiology Unit, to assess statewide efforts to investigate and mitigate

environmental sources of children's lead exposure.

---

**Special Requirements**

---

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

---

**Essential Functions (including percentage of time)**

---

- 40% Reviews and analyses data pertaining to assessment and mitigation of housing related sources of lead exposure. Collaborates closely with staff of other CLPPB sections on statistical analytic studies of data related to environmental investigations of properties for lead exposure, and mitigation of identified exposures. Uses data from 8552 forms to understand which properties have been tested for lead hazards, have an identified lead hazard, and have been remediated for lead hazards. Links housing inspection data to data about blood lead tests found in the RASSCLE II database. Utilizes SAS and/or SQL in analyzing data. Identifies gaps in current data systems as related to environmental lead sources and makes recommendations for addressing these gaps. Develops and maintains an information system for tracking of information pertaining to property investigations and lead mitigation activities.
- 20% Reviews and analyses blood lead level data on a continuing basis. Identifies trends in blood lead level testing by laboratory, provider, and jurisdiction. On an ongoing basis, reviews data for quality assurance, performing specific functions such as identifying duplicates, inaccurate addresses, false positives, etc. Gathers, collects, and compiles information relevant to program planning and policy development for childhood lead poisoning prevention and management. Generates periodic reports of all blood lead test results for dissemination to local jurisdictions. Collaborates with other Research Scientists to provide bi-yearly and yearly analyses of blood lead data to CLPPB management.
- 15% Conducts analyses of predictors of blood lead levels above the Center for Disease Control's reference value for lead exposure. Provides detailed interpretation of findings including complex statistical interpretation and produces reports based on these analyses, with particular emphasis on reports needed by local jurisdictions. Develops data analysis plans, based upon interpretation of data collected by state surveillance of blood lead levels and other information held by CLPPB. Recommends new approaches in data handling and participates in evaluation of these methods.

15% Works on extraction of information from the CLPPB data systems for special analyses and requests, such as those for other state and federal agencies and for other programs. Plans and conducts specialized projects and studies related to the prevention of childhood lead poisoning. Assists in developing and evaluating research methodology for studies to support state and local program development. Provides technical assistance and consultation to state and local childhood lead poisoning prevention programs and other health agencies.

5% Collaborates with the U.S. Department of Housing and Urban Development and local public housing agencies to identify federally assisted properties that house children with elevated blood lead levels. Facilitates meetings and coordination of providing data and analyses on a quarterly basis.

**Marginal Functions (including percentage of time)**

5% Performs other work-related activities as assigned.

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 am 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:

Date: