

DUTY STATEMENT

Class Title Research Scientist IV (Epidemiology/Biostatistics)	Position Number 580-035-5609-001
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COI Classification
 Yes No

Unit
Health Research and Statistics

Section

Branch

Division
Office of Health Equity

This position requires the incumbent maintain consistent and regular attendance; communicate effectively (orally and in writing if both appropriate) 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 regarding attendance, leave, and conduct.

Job Summary: The Research Scientist IV (Epidemiology/Biostatistics) will provide epidemiology and statistical leadership and support for the California Department of Public Health (CDPH) Office of Health Equity regarding the implementation of AB 32 (the Global Warming Solutions Act of 2006), climate change and health adaptation, the Healthy Community Indicators Project of the Health in all Policies Task Force and other public health activities. CDPH is the designated lead agency for the Climate Action Team Public Health (CAT-PH) Work Group and is a member of the cross sector work group implementing Safeguarding California, the State's climate change adaptation strategy. The Public Health Work Group has been charged with developing and implementing a work plan for public health activities and advising the California Air Resource Board (CARB) of important public health considerations in AB 32 program implementation and development (e.g., regulations). The Research Scientist (RS) IV (Epidemiology & Biostatistics) is the lead scientist of the CAT-PH Work Group team and is responsible for the development and implementation of the CAT-PH Work Group program activities.

As the lead scientist, the RS IV works with CARB and other state agency scientific and technical staff in implementing the AB 32 Work Plan; designs health impact and vulnerability assessments; performs research; develops surveillance system and survey instruments, including health metrics/indicators for the purposes of tracking the impacts of AB 32-related public health activities; and assists in the training and technical assistance needs of the project. As the team lead, the RS IV reviews and approves all materials and correspondence issued from the team, including Work Group agendas, web postings, outreach materials, general correspondence, etc.

Supervision Received: The Research Scientist IV works under the administrative direction of the Research Scientist Supervisor II (Epidemiology/Biostatics), Chief of the Health Research & Statistics Unit (HRSU).

Supervision Exercised: None

Description of Duties: See Below

Percent of Time Essential Functions

50% Serves as project lead or co-lead/expert of the Climate and Health Team in the Office of Health Equity. Duties include the following areas of CAT-PH Work Group work plan implementation as they relate to AB 32 and to adaptation planning and implementation: health impact assessment; vulnerability assessment; research; surveillance; and training and technical assistance. Serves as lead to plan, organize and direct major scientific research studies that are complex and have statewide sensitivity and policy impact, including the Integrated Transport and Health Impact Model. Provides oversight in the design, development and maintenance of databases relevant to the project; conceives, plans and conducts statistical analysis of

data and oversees the writing of reports based on these analyses; develops data quality control protocols for the acquisition, storage, compiling, editing and analysis for work related to public health and climate change. Develop measures and milestones for the CAT-PH Work Group work plan and its implementation.

- 25% The RS IV serves as primary epidemiologic lead to the Health in All Policies Task Force and the Healthy Community Indicators Project, and is the lead in planning, organizing and directing major scientific research studies that are complex and have statewide sensitivity and policy impact design, including the Healthy Community Indicators project; provides oversight for analysis and reporting of findings related to the Healthy Community Indicators data.
- 15% Functions as principal investigator and technical lead on Centers for Disease Control and Prevention (CDCP) Building Resilience Against Climate Effects in California (BRACE) grant for climate change adaptation in California and provides technical support for epidemiologic assessments of the burden of disease and injury triggered by projected climate change.
- 5% Serves as the epidemiologic lead in the development of research grant proposals for outside funding to supplement and extent research efforts on climate changes, health in all policies efforts or healthy community indicators and liaisons with other agencies as necessary through meetings and workgroups and task forces as appropriate. Represents the CDPH, Office of Health Equity, Policy Unit or Climate Action Team at meetings with other state, federal and local agencies and other duties are required.

Percent of Time Marginal Functions

- 5% Assist in epidemiologic data base development, data collection and analysis regarding health disparities in the Office of Health Equity working with other members of the Office of Health Equity research and epidemiology team. Develops graphic representations of data for presentations and reports as needed by the Policy Unit or Office of Health Equity.

Employee's signature	Date
Supervisor's signature	Date