SEQUOIA FOUNDATION

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Research Data Analyst
Vacancy Announcement – January 2021

Sequoia Foundation (SF), working with the California Department of Public Health (CDPH), is seeking a **full-time Research Data Analyst** (option for part-time). SF is a California-based nonprofit conducting a broad range of public health research activities, outreach, education, and technical assistance programs.

The **Research Data Analyst** will work closely with a lead epidemiologist in CDPH's Environmental Health Investigations Branch to conduct epidemiological/biostatistical analyses, data management, and research writing on the topics of environmental exposures, specifically air pollution and health effects research. The Research Scientist will work as part of an inter-disciplinary scientific team including researchers outside of CDPH. The primary work location is the Marina Bay area of Richmond, CA.

RESPONSIBILITIES:

- Conduct complex biostatistical analyses for epidemiologic research projects using programs such as R, SAS.
- Employ machine-learning and other statistical methods to develop and evaluate optimal data surfaces from multiple sources of PM exposure from wildfire, prescribed fire smoke and ambient air pollution.
- Develop and run statistical models to quantify associations between particulate matter and multiple health outcomes and calculation of health burden.
- Carry out data cleaning and descriptive analyses; summarize data runs and analyses.
- Participate in preparation of manuscripts and presentations for conferences.

EDUCATION, EXPERIENCE, AND SKILLS

- A Master's degree or higher in environmental health science, epidemiology, biostatistics or a related field.
- Applicants must have excellent working knowledge of R (related statistical programs a plus) and Excel, with application to health research.
- Proficiency in ArcGIS.
- Experience with large datasets required.
- Two or more years of prior work experience with health or medical-related data analyses and data management.

- Able to work independently, as well as part of a scientific team, on multiple projects.
- Problem-solving, including proactively identifying analysis issues and ability to identify and recommend appropriate biostatistical methods.

COMPENSATION:

The monthly pay for this exempt position is $5,875-$6,505 dependent on skills and experience. Sequoia Foundation offers an excellent benefits plan, which includes full medical, dental, vision, a life insurance policy, and a 401(k) retirement plan. Other benefits, such as paid time off and holiday pay also apply. Must be available during weekday hours.

HOW TO APPLY:

- Interested and qualified persons are invited to email a cover letter and résumé as a Word or PDF attachment by January 20, 2021 to: kristen@sequoiafoundation.org. Please use **your last name and Research Scientist** in the subject line.

EOE/AA/M/F/Vet/Disability. No phone calls please. We regret that we cannot contact all applicants. Only those selected for an interview will be contacted.