

Research Data Analyst (6256U), Berkeley Public Health -
71917
University of California, Berkeley

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Posted Sep. 20, 2024, set to expire Jan. 18, 2025

Job Title	Research Data Analyst (6256U), Berkeley Public Health - 71917
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Sep. 20, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
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Job Description

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About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the

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transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

Berkeley Public Health (BPH) aims to improve population health, especially for the most vulnerable, through interdisciplinary collaborations, preeminent education, and transformational research. Established in 1943, BPH is a professional school on the UC Berkeley campus that comprises six academic divisions and nearly 30 research centers and programs. Our department's values include social justice, health as a right, challenging conventional thought, embracing diversity, and creating meaningful impact. We honor our principles of community by centering and valuing everyone in our community; prioritizing prevention while remaining grounded in social justice; promoting safety and respect; practicing self-care and kindness; and remaining optimistic, hopeful, and committed to change. Learn more at: publichealth.berkeley.edu.

The UC Berkeley Safe Transportation Research and Education Center (SafeTREC) was established in 2000 as the Traffic Safety Center (TSC) to address the fact that motor vehicle crashes are a leading cause of death for people aged 1 to 34 in the U.S.-and a major cause of minor and debilitating injuries for all age groups. SafeTREC's mission is to inform decision-making and empower communities to

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improve roadway safety for all. The center is funded by a combination of contracts and grants from federal and state agencies and private foundations.

At SafeTREC, we are committed to helping each other succeed, having a growth mindset, speaking up, inclusion, and accountability. We are looking for inclusive-minded applicants who demonstrate a sensitivity to and understanding of the diversity of our faculty, staff, and student population and the communities we work with across the state of California. Our team is an innovative and equity-focused community that envisions a world with zero roadway fatalities or serious injuries and a culture that prioritizes safe mobility for all. This position is part of a high performing team culture informed by Berkeley's Principles of Community: <https://diversity.berkeley.edu/principles-community>.

Application Review Date

The First Review Date for this job is: September 2, 2024

Responsibilities

- Conducts transportation safety related data analysis
- Utilize general statistical knowledge in support of research grants.
- Analyze data using R, Python, STATA or other statistical software, as needed.
- Document analyses performed and and share the outcome with other staff.
- Assist in preparing reports, presentations, and publications
- Develop data summary and visualization using tables and charts.
- Draft a part of manuscripts with directions from the Principal Investigators.
- Conduct literature searches and reviews.
- Assist in preparing data and writing a draft for the grant proposals.
- Draft monthly, quarterly, or yearly progress reports if appropriate.
- Research, collect and maintain transportation safety related data
- Collect relevant transportation safety data.
- Assist in developing systems for organizing data to analyze, identify and report trends.
- Review available data and update periodically if needed to make the data up-to-date.
- Share the summary of the available dataset and recent changes with internal constituents.
- Participates in workshops, training, and other professional development opportunities.
- Other duties, as assigned

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Required Qualifications

- Working knowledge in various statistical analysis methods in order to perform data analyses
- Proficiency with statistical software such as STATA, R, or related data analysis software to perform processes necessary to examine datasets
- Demonstrated strong data analytical skills in order to utilize multiple datasets together
- Ability to communicate complex information in a clear and concise manner both verbally and in writing
- Self-motivated and works independently
- Demonstrated broad problem-solving skills
- Writes clearly and in the appropriate style
- Interacts with co-workers appropriately and efficiently

Education/Training:

- Bachelor's degree in related area and / or equivalent experience / training

Preferred Qualifications

- Experience of utilizing online charting libraries such as HighCharts, D3, or Google Charts
- Experience of analyzing geospatial dataset
- Knowledge of relational database structures and database querying tools
- Ability to understand SQL and write SQL queries for the data processing

Salary & Benefits

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this

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job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

- The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$35.00 - \$42.00. The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$35.00/hr - \$42.00/hr (\$73,080.00 - \$87,696.00 annual). The full pay scale range for this position classification is \$72,600.00 - \$129,000.00 annual (grade 21).
- This is a non-exempt, bi-weekly paid position.
- This is a 24-month, full-time (40 hours/week), Contract position that is eligible for full UC Benefits.
- This is hybrid position, eligible for 60% remote capability. Exact arrangements are determined in partnership with your supervisor to meet role responsibilities and department needs, and are subject to change.

How to Apply

To apply, please submit your resume and cover letter.

Other Information

This position is not eligible for visa sponsorship.

Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant, please see the [U.S. Equal Employment Opportunity Commission](#) poster.

The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#)

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To apply, visit

https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS.CG_S

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

N/A

University of California, Berkeley

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