

WORKING TITLE	Senior Data Analyst
PAYROLL CLASSIFICATION	Research Associate III (N3323)
DEPARTMENT	California Department of Veterans Affairs (CalVet)
STATUS	Full-Time, Benefitted, Non-Exempt, Hourly
NUMBER OF POSITIONS	Two
POSTING DATE	12/1/25
POSITION NUMBER	2723R

OVERVIEW

California State University Long Beach, Research Foundation seeks a highly skilled Senior Data Analyst to support a research project in collaboration with the California Department of Veterans Affairs (CalVet). The Senior Data Analyst will play an essential role in analyzing veteran suicide data, supporting policy development, and ensuring data-driven decision-making for the project.

This position requires expertise in quantitative data analysis, statistical modeling, data visualization, and research methodology. The analyst will work closely with Principal Investigators, project staff, subcontractors, and external stakeholders to synthesize data into meaningful insights that drive programmatic and policy improvements.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Data Collection & Management

- Develop and implement standardized data collection protocols across multiple sources, including county coroner's offices and public health agencies.
- Oversee data cleaning, validation, and integration from various databases to ensure consistency and reliability.
- Maintain a secure and well-documented data repository that facilitates analysis and reporting.

Statistical Analysis & Data Modeling

- Perform descriptive and inferential statistical analyses to identify trends and key risk factors related to veteran suicide.
- Utilize machine learning models, predictive analytics, and geospatial analysis to uncover patterns in veteran suicide rates across different demographics and locations.
- Conduct time-series analysis and trend forecasting to evaluate the impact of policy changes on suicide prevention efforts.

Data Visualization & Reporting

- Develop interactive dashboards, charts, and GIS-based maps to present complex data in an accessible format for stakeholders.

- Create detailed technical reports, white papers, and policy briefs summarizing research findings and actionable recommendations.
- Present findings at advisory board meetings, stakeholder convenings, and research conferences.

Research & Policy Development Support

- Assist in drafting evidence-based policy recommendations based on data insights.
- Collaborate with qualitative researchers to integrate qualitative data findings with quantitative analyses for a comprehensive understanding of veteran suicide factors.
- Support grant reporting and academic publications by contributing data analysis sections and methodological justifications.

Compliance & Ethical Considerations

- Ensure all data handling practices comply with institutional, state, and federal regulations, including IRB protocols and data security policies.
- Implement data anonymization and encryption strategies to protect sensitive veteran health information.
- Train research staff on best practices in data analysis, privacy compliance, and ethical research standards.
- Other duties as assigned. This job description is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to the job.

EDUCATION, SKILLS AND ABILITIES

Required:

- Bachelor's degree in Health Care Administration, Information Systems, Biostatistics, or a related field.
- Proficiency in statistical programming (Python, R, or Stata) and data visualization tools (Tableau, Power BI, or ArcGIS).
- Experience with SQL databases, data integration, and cloud-based data management.
- Strong written and verbal communication skills, with the ability to translate complex data into actionable insights.

Preferred:

- Experience working with government agencies, universities, or nonprofit organizations on research projects.
- Familiarity with veteran health services, mental health research, or suicide prevention initiatives.
- Advanced expertise in predictive analytics and machine learning techniques applied to health data.

Must be able to accept constructive criticism, prioritize workload, be dependable, behave professionally and interact positively with others. Regular, punctual attendance required. This position is employed through the CSULB Research Foundation. Employment is at-will.

POST OFFER BACKGROUND CHECK REQUIREMENT

A post offer background check (including a reference and criminal records check) must be completed, and the individual cleared, before they can start work with the CSULB Research Foundation. No information will be required prior to the offer of employment. Once an offer of employment is made, failure to complete the background check and receive clearance may affect the application status of a new hire individual and/or the continued employment of a current CSULB Research Foundation employee who has applied for/moved into a new position. Individuals working with minor children and/or the elderly will be required to renew their live scan fingerprinting and be cleared every twelve (12) months. Information obtained through the background check does not automatically disqualify an individual from employment.

GRANT FUNDED EMPLOYMENT

This position is restricted to the conditions set forth in the grant. Ongoing employment is contingent upon satisfactory job performance and continual renewal of grant money/availability of funds.

COMPENSATION RANGE: Hourly \$30.96 - \$41.28 per hour (Non Exempt)

FILING DEADLINE: Open until filled.

NOTE: In order to be considered for this position, please submit the required information as soon as possible. The hiring committee will review applications, interview qualified candidates and close the position anytime on or after two (2) weeks from the posting date listed above. Removal of a position from our website is indication that the position has been filled.

APPLICANT PROCEDURE

Interested individuals should forward their cover letter, resume, and completed employment application referencing position number to the CSULB Research Foundation Human Resources Department in one of the following ways:

- By Mail/Delivery: 6300 State University Drive, Suite 332, Long Beach, CA 90815
- By Confidential HR Fax: 562. 985.1726
- By E-mail: FND-HR@CSULB.EDU (put Job# in the Subject line)

A separate application is necessary for each employment opportunity posting. The employment Application can be found alphabetically on our website at <https://www.csulb.edu/research-foundation>, under the Forms, then the Human Resources tab. It is the responsibility of the applicant to clarify on their application their ability to perform the job for which they are applying. Individuals requiring a reasonable accommodation in order to apply for this position should provide necessary information to the Director of Human Resources. Additionally, individuals invited to interview for this position should inform the Director of Human Resources at the time of invitation, of any requirements for a reasonable accommodation.

NOTICE

The CSULB Research Foundation does not discriminate on the basis of sex in its employment as required by Title IX of the Education Amendments of 1972, as amended, and Section 86.9 of the administrative regulations adopted by the Department of Education pursuant thereto, nor does it discriminate on the basis of race, color, religion, national origin (including language restrictions), sex (pregnancy or gender), sexual orientation, marital status, age, disability (mental and physical, including HIV and AIDS), ancestry, medical condition (cancer/genetic characteristics), denial of family and medical care leave, denial of pregnancy disability leave or reasonable accommodation or veteran's status (including Vietnam-era veterans) as required by other federal/state non-discrimination statutes, related administrative regulations and executive orders. Individuals selected for employment must provide proof of identity and employment eligibility as prescribed in Title 8, United States Code, and Section 132A. We are an Equal Opportunity, Affirmative Action, and Title IX Employer. The CSULB Research Foundation is a 501 (c) (3) corporation that exists solely to support and advance the mission of CSULB. Employment with the CSULB Research Foundation rests solely with the CSULB Research Foundation and provides no rights or benefits of employment or any other kind, with any other organization. This includes but is not limited to: California State University Long Beach, the State of California, or the sponsoring agencies of any programs administered by the CSULB Research Foundation.