CANCER PREVENTION AND RESEARCH INSTITUTE OF TEXAS

PROGRAM STATISTICIAN

Cancer Prevention and Research Institute of Texas (CPRIT) is the second largest funder of cancer research and prevention activities behind only the federal government. Over the past decade, CPRIT has invested more than $2.9 billion in cutting edge research leading to a significant increase in intellectual property and knowledge related to cancer treatments, cures, and prevention best practices. CPRIT offers an unparalleled opportunity to catalyze discovery and progress in the prevention, diagnosis, and treatment of cancer.

Position Summary

Interprets and analyzes data as it pertains to population health in Texas and CPRIT award and impact data to identify trends and relationships among the data. Provides analytical data reports using graphs, tables, and charts for scientific and lay audiences for the Academic Research, Prevention and Product Development Research programs to inform CPRIT's strategies and priorities to reduce the burden of cancer in Texas. The position requires strong organizational, analytical, and communication (written and oral) skills. Works under minimal supervision, with considerable latitude for the use of initiative and independent judgment. This position will serve in a programmatic integrative model and works directly with the Chief Prevention Officer (CPO), Chief Product Development Officer (CPD) and the Director of Academic Research (DAR).

Salary Range: $ 69,415 – $117,397

Closing Date: May 16, 2022

GENERAL QUALIFICATION REQUIREMENTS

Experience

Five years full time experience in data collection, statistical analysis, data visualization, and reporting.

Experience using MS Office programs, statistical software, (e.g., SAS) to analyze data, mapping packages, (e.g.,ArcGIS) and data visualization software, (e.g., Tableau) is required.

Education

Graduation from an accredited four-year college or university with a bachelor's degree in statistics and or epidemiology or other relevant field. Master's degree is preferred. Experience and education may be substituted for one another.

Knowledge, Skills and Abilities

Knowledge of public health principles, epidemiology, evaluation, and surveillance related to chronic diseases and their risk factors. Knowledge of epidemiologic investigations, analyses, and interpretation of data. Knowledge of scientific research methods, principles, and philosophy. Knowledge of process improvement and quality assurance systems.

Skills in translating statistical information into meaningful information for the public and external stakeholders. Skills in effectively and concisely communicating both orally and in writing.

Must be highly self-motivated and directed with the ability to effectively multitask, prioritize, and execute tasks. Must be able to conceptualize ideas with internal stakeholders and communicate design ideas for presentations, data visualizations and infographics. Ability to establish positive working relationships with staff is essential. Ability to make independent decisions, manage high priority workloads, manage competing priorities, and operate in a changing environment.

EXAMPLES OF WORK PERFORMED

Provides business intelligence, analytics and custom reporting solutions utilizing tools and techniques to develop new insights and deliver end to end analysis that supports the agency's mission including the development of presentations, infographic, and data visualizations.

Perform complex statistical and mathematical analyses of critical, long-term resource requirements for various scenarios, options, and resource levels.

Apply knowledge of a broad range of techniques in the area of mathematics, statistical analysis, parametric and non-parametric analysis, computer modeling, decision theory, regression analysis, and economic analysis.

Develop analytical methodology and devise models to compare and evaluate various options and forecast the likely outcomes of each alternative.

Gather and determine the validity of data, identify variables, assesses their interrelationships, and evaluate their utility in developing and executing long-range strategic plans.

Present analysis results, finding, conclusions, options, and recommendations to senior management.

Identifies and displays trends and/or potential connectivity between the three CPRIT programs.

Builds statistical data models with creative display functions based on CPRIT goals and priorities

Use of GIS/GPS modeling to demonstrate presence/impact of CPRIT programs across the State.

Ability to creatively display data in various venues with statistical validation.

Performs related work as assigned.

Military Occupational Codes
You may access the Military Occupational Specialty (MOS) codes applicable to this position at
[Military Crosswalk for Occupational Category - Program Management (texas.gov)](). CPRIT
encourages Veterans, Reservists, or Guardsmen with a MOS or additional duties that fall in the
fields listed in the above link who meet the minimum qualifications listed above to apply.

Application Instructions
If you meet the qualifications, complete, and submit a State of Texas application online via the
WorkInTexas.com portal. You may also mail the application to Cancer Prevention   and Research
Institute of Texas, Human Resources, P.O. Box 12097, Austin, Texas 78711.

A State of Texas application may be obtained from [https://www.twc.texas.gov/jobseekers/state-texas-application-employment#applicationFormForDownload.]()

All résumés must be accompanied by a fully completed state of Texas application. Incomplete
applications may be disqualified at the agency's discretion. Faxed and emailed applications will
not be accepted.

CPRIT is a non-smoking office; the agency is in the Capitol Complex of Austin, Texas.

CPRIT currently offers teleworking as an option to employees.

The Cancer Prevention & Research Institute of Texas is an equal opportunity employer.

You may find additional information regarding the Institute's history and operations on the
agency's website at [https://cprit.texas.gov/]().