Statistician/Program Application Specialist

Salary Range: GS 1530 11/12 ($69,904 - $108,923)
Houston Health Services Research and Development, Innovation in Quality, Effectiveness and Safety
Michael E. DeBakey VA Medical Center and Baylor College of Medicine

The incumbent will have a wide range of responsibilities in providing data management and statistical expertise to all components of the VA Health Services Research and Development, Innovation in Quality, Effectiveness and Safety (HSR&D, IQuEST) and the Department of Medicine, Section of Health Services Research at Baylor College of Medicine (BCM).

Tasks and Responsibilities

- Manage, analyze and interpret data obtained from administrative databases, surveys, and other data sources.
- Plans data collection, analyzes, and interprets numerical data from studies, surveys, and other sources, and applies statistical methods to provide inferences and information for the fields of health services and statistics.
- Skilled in conducting primary studies as well as in secondary analyzes of extant data, including VA and non-VA medical system administrative databases, vital and health statistics, cross-sectional surveys, retrospective and prospective cohort studies, and case-control studies.
- Has the ability to evaluate the reliability of source information, adjust and weight raw data, and organized results into the format necessary for computer analysis.
- Analyzes and interprets statistics to point out significant differences between study samples, and prepares conclusions and forecasts based on data summaries and analyses.
- Conducts data checks to ensure quality of data.
- Merges data files using common patient identifiers.
- Extracts data sets from VINCI using SQL.
- Creates automated algorithms that can be run every month to update data sets.
- Run basic SAS code for descriptive statistics
- Prepare data summaries and output for presentation.
- Provide technical and methodological consultation to Research Investigators, including but not limited to assistance with development of research proposals, power and sample size calculations, and co-authoring manuscripts.

Education Required:
M.S. degree, PhD degree preferred with a background in mathematics, statistics, biostatistics, epidemiology, psychometrics, or a related area.
**Experience Required:**
Experience using SAS, VINCI or other statistical program. Knowledge of Office Automation (Sharepoint, Access, etc.) Experience with Dreamweaver and Website Development.

**Additional Qualification:**
- Applicants must be a **United States Citizen.**
- Ability to work effectively as a member of an interdisciplinary team.
- Excellent interpersonal and communications skills in both written and spoken English.
- Excellent computer programming skills, especially with SAS and VINCI programming.

**Contact:**
Interested applicants should e-mail resume and cover letter to Mr. Edward Pomer, Personnel Manager, HSR&D, IQuEST at Edward.Pomer@va.gov. Please reference “Statistician Position” in the subject line.