Data Analyst/Programmer (Full-time) – Join a great team working with our military veterans!

We are a non-profit medical research foundation based in Phoenix, Arizona. We offer our team members an opportunity to impact veterans' health while enjoying a competitive salary, generous benefits, a collaborative environment, and flexible scheduling.

The Company: Arizona Veterans Research and Education Foundation uniquely partners with the Phoenix Veterans Administration Health Services, universities, and pharmaceutical and device companies to conduct research benefiting military veterans.

- Our research activities matter!
- We bring cutting edge research opportunities to veterans that makes a difference in their lives.

The Position: We're looking for a data analyst/data scientist/programmer to join a growing team of physicians, biostatisticians, bioinformaticians, pharmacists and analysts on a large study of the many risk factors and complications of diabetes using the national Veteran Health Administration (VHA) linked electronic health records (EHR). A key focus will be studying the use and benefits of continuous glucose monitoring data (CGM) in this national health care system.

You will generate and manage datasets from the VHA linked EHR relational database (known as CDW), including demographic, pharmacy, laboratory, and medical diagnostic databases. You will conduct standard database management and statistical analysis with SQL and either SAS, R, or STATA. Assistance with data interpretation and more sophisticated analyses will be required.

The pay range for the position is $55,000-$77,000 per year (based on experience and education).

- We pay 85%-100% of the medical premiums for employees. We pay 50% of the medical premiums for family members. We pay 100% of the vision benefit premium and 100% of the dental premium for employees. We offer life insurance, short and long-term disability benefits, a Simple IRA with matching funds (immediate vesting), vacation, and sick leave.
- Vacation and sick leave accrue from date of hire. For each pay period (approximately every two weeks), 4.33 hours of vacation and 4.33 hours of sick leave accrued. In addition, ten federal holidays are observed.

Why Should You Apply?
- Wonderful team!
- Exciting research and experience
- Great benefits
- **Hybrid virtual /office work options**
- Flexible schedules and excellent work-life balance

Preferred Qualifications & Skills:

- Masters in statistics or a health field (e.g., Statistics, Biostatistics, Public Health, Epidemiology, Data Science or related field with coursework in data management and statistics)
- Proficiency in SQL and SAS or other statistical software (e.g., R), Windows/OS, Word, Excel, PowerPoint
- Demonstrated experience with data management, including creating, merging and cleaning data from large datasets using software such as SQL, and executing data analysis plans
- Excellent oral and written communication skills
- Strong interest in contributing to translational research
- Previous research experience with electronic health records
- Experience performing statistical and/or biomedical informatics analyses for research
- Experience with programming languages including R, SAS, Bash, SQL, Perl and/or Python. Experience running analyses on high-performance computing clusters
- Experience conceptualizing and creating tables and figures
- Experience creating presentations for professional audiences
- Experience performing literature searches to identify biologically relevant associations

Responsibilities:

- Database Management
    - Extract data from large national relational datasets and administrative data sources in support of clinical and health services science research projects.
    - Develop complex, sophisticated, accurate queries in SQL
    - Create tables, graphs, and summary reports to assist data extraction and data presentation.
    - Clean, manage and assist with analysis in large datasets and databases

- Programming and data analysis
    - Analyze, validate, and resolve data quality and methodological issues. Proactively craft and implement solutions, consulting with colleagues, team members and subject matter experts when appropriate.
    - Organize and summarize results using tables/figures, narrative description, and written presentation
    - Propose and perform statistical analyses (e.g., multivariate longitudinal analyses, survival analyses, propensity score matching) to answer health outcomes and health services research questions.
    - Review analytical results for accuracy and completeness

- Communication and dissemination

- Contribute to publications, presentations, and grant proposals (e.g., preparatory-to-research analyses and descriptions of data analysis plans)
- Undertake assigned tasks in support of research needs, which may include measure development, conducting internet research, attending study meetings, assisting in administrative or data editing tasks, and serving as a consultant on programming topics
- Proofread and edit drafts of proposals, scientific publications, and presentations (e.g., statistical reports, manuscripts, grants) and make recommendations to senior staff regarding their clarity, organization, and layout

The Location: Arizona Veterans Research and Education Foundation is based in Phoenix, Arizona on the Phoenix VA Medical Center Campus. Laboratory offices are situated in the downtown UA Biomedicine Campus.

Please apply through link: https://arizonaveteransresearch.bamboohr.com/jobs/view.php?id=25

Sunny Storer
HR & Operations Manager
Arizona Veterans Research and Education Foundation

No phone calls, please. Only candidates selected for interviews will be notified.

We are an equal-opportunity employer.