Statistical Programmer (TUM1301.13)

The mission of the Palo Alto Institute for Research and Education, Inc. (PAIRE) is to facilitate research and education activities conducted at the VA Palo Alto Health Care System (VAPAHCS). The range of research activities is broad and includes special emphasis on biomedical, health services, rehabilitation engineering, mental health and geriatric research endeavors. We also support various educational instruction or other learning experiences of benefit to employees and veterans.

PAIRE, a nonprofit foundation affiliated with the Veterans Affairs Palo Alto Health Care System (VAPAHCS), is seeking an individual to perform statistical programming for VA funded studies of the quality and timeliness of care for veterans with cardiovascular disease.

This is a full-time, exempt level position.

Duties:

- Oversee the development of statistical programs to generate analysis datasets;
- Clean data, build datasets for processing, interpret data, identify problems with data or coding, and resolve technical problems;
- Perform statistical analysis and evaluate large sets of clinical data;
- Provide programming input in SAS, STATA;
- Maintain detailed, professional programming and database documentation;
- Assist in preparation for research manuscripts and project reports and generating tables and graphs for publications;
- Monitor datasets and statistical deliverables for quality assurance;
- Collaborate with clinical research team and other experts in the field regarding ongoing analyses of the project;
- Train other programming staff.

Requirements:

- Bachelor’s degree or equivalent in Biostatistics, Statistics, Computer Science, Health Services Research, Economics or equivalent. An advanced degree is preferred.
- Experienced understanding of programming languages, flow and development;
- Efficient time-management and prioritization skills. Ability to complete tasks quickly and efficiently.
- Knowledge of statistical concepts and methods;
- Strong computer programming skills. Demonstrated skill in SAS, STATA programming and Excel is required. Experience in R is strongly preferred.
- Ability to analyze and interpret numerical and categorical data; Strong mathematical and analytical skills;
- Demonstrated knowledge of structured modular programming;
- Experience in methods of analysis and causal inference for observational studies, including
cohort and case-control, and survival analysis (linear, logistic, Cox regression)

- Familiarity with a variety of the field's concepts, practices and procedures (health services research; epidemiology);
- Good judgment in order to plan and accomplish goals;
- Ability to work independently and as part of a team;
- Effective communication skills, both verbally and in writing;
- Ability to train others;
- Experience in methods of adjustment for observational studies (propensity matching, time-dependent analysis) is strongly preferred
- Knowledge of VA and Medicare data and its data design is preferred;
- Familiarity with medical terms and the US Health Care System, preferred;
- Prior experience with clinical research, outcomes research, health services research or epidemiology is strongly preferred.

All PAIRE positions require the completion of a background check.

To Apply:

To be considered for this position you must apply via the PAIRE website, www.paire.org, and include a cover letter addressed to “Hiring Manager,” your resume and 3 professional references.

PAIRE is pleased to be an Equal Opportunity Employer. If you are interested in applying for employment with PAIRE and need special assistance or an accommodation to apply for a posted position, contact our Human Resources department at hr@paire.org.

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