RESEARCH BIOSTATISTICIAN

POSITION INFORMATION: Responsible for collaborating with medical and scientific researchers in study design; development of research and survey instruments; collection, management and analysis of data; statistical modeling; interpretation of results; preparation of research reports; and publication and presentation of research and program evaluation findings. Areas of research include substance and tobacco use prevention and treatment, obesity, physical activity/sedentary lifestyle, poor diet, alcohol use, vaccination, and cancer prevention and control, Projects are funded by local, state, and federal agencies, including the National Institutes of Health. The hire will be a member of the growing Research Design and Analysis Center in the Department of Biostatistics and Epidemiology of the Hudson College of Public Health.

REPRESENTATIVE DUTIES:
1. **Study Design.** Collaborates with medical and scientific researchers and administrators in designing research and program evaluation studies.
2. **Instrument Development.** Develops research instruments and surveys.
3. **Data Collection.** Oversees the collection of data and data entry. Creates data entry forms using programs including REDCap.
4. **Data Analysis.** Monitors, cleans, processes, and codes data for statistical analysis. Merges and processes data from multiple sources and platforms. Conduct primary and secondary analysis and interpretation of large population-based datasets. Analyzes large amounts of data. Performs statistical modeling to address project goals. Assists in the interpretation of such data.
5. **Report Preparation.** Prepares manuscripts and reports for research and evaluation projects and assists in the publication of research and presentation of research and program evaluation results.
6. **As Needed.** Performs various duties as needed to successfully fulfill the function of the position.

Job Requirements
- **Education:** Master’s Degree in Biostatistics, Statistics, Quantitative Psychology, Mathematics, or related field
- **Experience:** 24 months experience using and programming statistical software such as SPSS, SAS, STATA, etc.

Equivalent/Substitution: Will accept a Bachelor’s Degree plus 24 months equivalent experience in lieu of a Master’s Degree for a total of 48 months experience

Preferred:
- Statistical consulting experience in biomedical sciences, public health, or program evaluation.
- Experience navigating and maintaining databases.
- Strong SAS skills for data processing, cleaning and analysis.
- Experience creating and managing projects in REDCap.

Skills:
- Good oral and written communication and interpersonal skills.

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