

UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER

Department of Biostatistics and Epidemiology Hudson College of Public Health and Office of Institutional Research

TITLE: Biostatistician, Research

POSITION INFORMATION: Responsible for collaborating with medical and scientific researchers and institutional administrators in study design; development of research and survey instruments; collection, management and analysis of data; statistical modeling; interpretation of results; preparation of program and institutional reports; and publication and presentation of research and program evaluation findings.

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.
4. **Data Analysis.** Monitors, cleans, processes, and codes data for statistical analysis. Merges and processes data from multiple sources and platforms. 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 the Hudson College of Public Health and Office of Institutional Research assists in the publication of research and presentation of program evaluation results
6. **Institutional Research.** Prepares and/or assists in the preparation of data sets necessary for all Integrated Post-Secondary Education Data System (IPEDS), Oklahoma State Regents for Higher Education (OSRHE), National Student Clearinghouse (NCS), and/or additional reports required by institutional offices or accrediting bodies.
7. **As Needed.** Performs various duties as needed to successfully fulfill the function of the position.

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.

Certifications/ Licenses:

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. Utilization of SQL databases and query writing. Experience with programming and software languages and tools including Oracle SQL Developer and Application Designer, R Studio programming for statistical analysis, and/or visualization software expertise to include Tableau, Sisense, and/or Microsoft Power BI.

Knowledge/ Skills/ Abilities/ And Other Characteristics: Good oral and written communication and interpersonal skills.

To apply for this position, complete the application found at: <https://jobs.ou.edu/>

External Applicants Staff Position
Job Number: 190194

Review of candidates will begin immediately. Applications will be accepted until the position is filled.

OUHSC is an Equal Opportunity / Affirmative Action institution which includes protected veterans and individuals with disabilities.