Statistician - 13000000LJ
Salary Range: $39,790.40 to $58,822.40
Grade: 41

Job Summary/Essential Job Functions: Under limited supervision of a Faculty Biostatistician, the Statistician will design and conduct analyses of research data, and provide technical assistance to Biostatistics Faculty for advanced level statistical analysis. This position will serve as a biostatistician for the CANDLE (Conditions Affecting Neurocognitive Development and Learning in Early Childhood) study in particular as well as other studies initiated by UTHSC faculty in general as the need arises.

DUTIES AND RESPONSIBILITIES:
1. Perform a variety of technical duties needed in the collection, compilation, and statistical analysis of research data.
2. Assist the Ph.D. Biostatistician by providing appropriate statistical input in the design, execution, and analysis of scientifically conducted studies.
3. Collaborate with Investigators independently or with the Ph.D. statistician to develop data collection forms appropriate for the research study.
4. Manage and manipulate large datasets potentially coming from multiple sources; conduct and statistical analysis and reporting of datasets.
5. Prepare manuscripts, and be the author of data analyzed for publication.
6. Provide continuous support for the manuscript preparation and reviewers’ comments and additional request in the revision of such manuscripts.
7. Provide hands-on training to other data analyst staff on proper use of statistical procedures, or assist the Faculty Biostatistician in such training activities as needed.
8. Perform other duties as assigned.

MINIMUM REQUIREMENTS: Master’s Degree in Statistics and Biostatistics; two (2) years experience with database or records management and data analysis to include training and experience using SAS. Candidate must possess knowledge and application of statistical skills to include knowledge and application of basic statistical methods such as descriptive statistics, linear statistical models including analysis of variance and regression; logistic regression; non-parametric procedures that are counterparts of two-sample t-test, ANOVA, etc. Must have the ability recognize and understand limitations of basic statistical methods; interpret statistical analysis result accurately; explain methodology and results using terminology understandable to non-statisticians; incorporate graphs to facilitate understanding. Must have the ability to generate and understand content of output from fundamental procedures in SAS; understand and use LIBNAME statement; import data of various formats into statistical software and export data in various formats when needed; understand structure and syntax of DATA step including IF-THEN-ELSE construction. Must have the ability to manipulate data by sorting, subsetting, transposing, merging, concatenating, etc.; write code to apply basic validation procedures for data checking and cleaning. Must be able to describe statistical methodology and results effectively both verbally and in writing; knowledgeable about presentation software and other mediums used for presentation purposes, and able to deliver research results before a group in a presentation format. Excellent interpersonal, verbal and written communications skills. (TRANSCRIPT REQUIRED)

Primary Location
US-Tennessee-Memphis

Organization
Preventive Medicine

Schedule
Full-time

Job Posting
Jul 9, 2013, 12:00:00 AM

Please visit http://www.uthsc.edu/hr/employment/ to apply.
All qualified applicants will receive equal consideration for employment and admissions without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.

Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations.

In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University. Inquiries and charges of violation of Title VI (race, color, national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 920 Madison Avenue, Suite 420, Memphis, Tennessee 38163, telephone 901-448-7382 (TTY available). Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.