Statistician

Connecticut, United States

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Works under the direction of the Director of Data Management and Analytics to develop statistical analytic plans and programming in support of research projects for multiple clinical and epidemiology studies of cardiovascular outcomes research. Investigate, analyze and evaluate complex statistical and programming problems.

**Essential Duties**

1. Performs a variety of duties involving the application of statistical skills to the design of research studies. Works as a member of a research team/study team to provide appropriate statistical input in the design, execution and analysis of studies.
2. Participates in the development of operations and procedures for the collection, editing, verification and management of statistical data.
3. Operates one or more systems of computer hardware and statistical analysis software for the management and analysis of data. Evaluates the statistical methods and procedures used to obtain data to ensure validity, applicability, efficiency, and accuracy.
4. Analyzes and interprets statistical data to identify significant differences in relationships among sources of information.
5. Processes large amounts of data for statistical modeling and graphic analysis, using computers.
6. Investigates, evaluates and prepares reports on applicability, efficiency, and accuracy of statistical methods used in obtaining and evaluation data.
7. Participates in the preparation of written and oral presentations that summarize the analysis of data, interprets the finding and provides conclusions and recommendations.
8. May perform other duties as assigned.

**Required Education and Experience**

Master's degree in Statistics, Biostatistics, Epidemiology or related field or an equivalent combination of education and experience.
Required Skill/Ability 1:
Excellent analytical programming skills and modeling ability.

Required Skill/Ability 2:
Proficiency in statistical software such as SAS, STATA, R, WinBUGS.

Background Check Requirements
All candidates for employment will be subject to pre-employment background screening for this position, which may include motor vehicle, DOT certification, drug testing and credit checks based on the position description and job requirements. All offers are contingent upon the successful completion of the background check. Please visit [www.yale.edu/hronline/careers/...](http://www.yale.edu/hronline/careers/) for additional information on the background check requirements and process.

Posting Disclaimer
The intent of this job description is to provide a representative summary of the essential functions that will be required of the position and should not be construed as a declaration of specific duties and responsibilities of the particular position. Employees will be assigned specific job-related duties through their hiring departments.

Affirmative Action Statement:
Yale University considers applicants for employment without regard to, and does not discriminate on the basis of, an individual’s sex, race, color, religion, age, disability, status as a veteran, or national or ethnic origin; nor does Yale discriminate on the basis of sexual orientation or gender identity or expression. Title IX of the Education Amendments of 1972 protects people from sex discrimination in educational programs and activities at institutions that receive federal financial assistance. Questions regarding Title IX may be referred to the University’s Title IX Coordinator, at TitleIX@yale.edu, or to the U.S. Department of Education, Office for Civil Rights, 8th Floor, Five Post Office Square, Boston MA 02109-3921. Telephone: 617.289.0111, Fax: 617.289.0150, TDD: 800.877.8339, or Email: ocr.boston@ed.gov.

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