

The Biostatistics and Data Management Core Unit at the Jean Mayer USDA Human Nutrition Research Center on Aging (711 Washington St, Boston MA) at Tufts University is looking to hire additional statistical support. The Biostatistics and Data Management Core Unit consults and assists in study design, implementation, and data analysis to support the center's research activities, with an emphasis on rigor, reproducibility and transparency. The HNRCA is the country's largest research center on nutrition and healthy aging.

Gain experience in applied statistical analysis while working alongside a senior statistician on a variety of research projects. Become knowledgeable about all aspects of the study pipeline from protocol development through data analysis and reporting results. Ideal for a graduate student in biostatistics or closely related field. This is a part time position, 10-20 hours per week.

Duties and responsibilities include, but are not limited to, the following:

- Design and perform statistical analyses, in consultation with the senior statistician (incorporating quantitative methods including linear regression, logistic regression, Cox regression, and methods for clustered and repeated measures data)
- Carefully document all programming, data manipulation, and decision steps, which will serve as a technical appendix to project deliverables and ensure the reproducibility of any scientific findings
- Statistical programming in SAS, R, or other related software for data analysis and data visualization
- Participate in the preparation of statistical methods sections for grants and manuscripts under mentorship of a senior statistician
- Perform sample size and power calculations when designing new studies
- Apply knowledge of both statistics and study design to inform protocol development
- Other duties as assigned

Required Qualifications

- Currently in 1st or 2nd year of a graduate degree program in statistics, biostatistics, epidemiology, applied mathematics, or closely related field
- Statistical programming experience in SAS, R, or related software
- Excellent communication skills
- Strong team player

To apply, please send a cover letter and resume/CV to sierra.thorne@tufts.edu.