Biostatistics Intern – University of Tennessee Health Science Center

The Division of Biostatistics in the Department of Preventive Medicine at the University of Tennessee Health Science Center in Memphis, Tennessee invites applications for interns in biostatistics.

Interns will work with one or more of our faculty members on a statistical project of mutual interest. Interested individuals must have strong programming skills in at least one language (e.g. R, Python, Julia, C/C++, SAS), possess basic data analysis skills, and have a willingness to learn biomedical science. Applicants should possess a relevant (e.g. statistics, mathematics, computer science) bachelor’s or master’s degree; undergraduate students must be rising juniors or seniors.

Most internships are 20 hours per week for 10 weeks, but total weekly hours, start date and term are negotiable. Internships may be paid or for credit at the student’s home institution depending on institutional policies, student and faculty mentor preference.

See our internship page for a list of recent interns and their projects.

Responsibilities

Interns will assist a biostatistics faculty researcher on a collaborative or methodological research project. Interns will perform data wrangling, data analysis, simulation studies, software development, and report writing. The exact mix of these activities will depend on the project and intern interests. It is desired that the intern produce a tangible research product at the end of the internship such as a software package, manuscript, or poster.

About us

The University of Tennessee Health Science Center (UTHSC) is the academic medical center of the University of Tennessee System located in Memphis, TN. The Division of Biostatistics consists of 7 faculty, 4 staff, and 2 post-doctoral scholars engaged in a wide variety of collaborative and methodological research. Our faculty members teach biostatistics courses in the College of Graduate Health Sciences in the Epidemiology program. Our faculty also participate in the Data Science Doctoral at the Bredesen Center with the University of Tennessee at Knoxville, Oak Ridge National Laboratory, and the University of Tennessee at Chattanooga. Faculty research interests include large observational studies, clinical trials, statistical genetics, high-throughput data, and statistical computing.

Memphis is a mid-sized city with a distinctive cultural identity, mild climate, and affordable cost of living. It is the home of blues music, Elvis Presley, and barbecue. It offers the amenities of city life (zoo, museums, concerts, parks, restaurants) in a laid-back environment. The UTHSC campus is about 5 minutes from downtown and the popular Midtown neighborhood; there are many affordable apartments nearby. Most desirable residential neighborhoods within the city and suburbs are less than 40 minutes away.
Application procedure

To apply, please email biostatintern19@uthsc.edu with (a) resume and names of three references and (b) a statement of purpose. In the statement, please help us understand why you want to do this internship with us, your programming experience, and your knowledge of statistics/data analysis. It would also be helpful to know if you are interested in specific research areas.

The deadline for applications is 31 January 2019. We expect to make decisions in March 2019.

Please send informal enquiries to biostatintern19@uthsc.edu.