

ASSISTANT PROFESSORS OF BIOSTATISTICS

The Division of Biostatistics, School of Public Health, at the University of Minnesota is announcing openings for two tenure-track faculty positions at the Assistant Professor rank.

We are especially interested in applicants with a PhD in statistics or biostatistics who have academic and research records in (1) spatial and spatiotemporal statistics, especially as applied in environmental or climatological science and related health impacts, and (2) the development of innovative approaches, methods, and software for the manipulation and analysis of “big data” in the biomedical sciences, especially related to biomedical imaging, medical health records data, bioinformatics/-omics, wearable computing technology, and other applications of machine learning. We will however consider applications from candidates in other important related research areas, as well as those with PhDs in areas besides biostatistics or statistics.

A successful candidate will be responsible for teaching classes, advising students at the graduate level, writing methodological research papers, and developing externally funded grant applications. The candidate will also serve on various division and school level committees.

The Division has significant strengths in the broad areas targeted by this search. Current research in statistical methodology includes causal modeling, adaptive clinical trials, statistical genetics and bioinformatics including genomics and proteomics, analysis of spatial and longitudinal data, medical imaging methods, Bayesian methods, computer-intensive methods such as Markov chain Monte Carlo, survival analysis, and statistical data mining. Our faculty’s methods grants complement our larger, more collaborative research projects with investigators in the University’s Academic Health Center.

At the present time, the Division has statistical and data coordinating centers for NIH-funded clinical trials networks in HIV/AIDS, Ebola and other infectious diseases, and in lung and cardiovascular disease. The Division also collaborates actively on research in cancer prevention and treatment, dentistry and periodontology, psychiatry/psychology, environmental and occupational health, health policy, chronic and neurodegenerative diseases, and smoking prevention. Multi-year grants and contracts for various Divisional projects total over \$150 M.

The Division of Biostatistics (sph.umn.edu/biostatistics) currently includes 35 graduate faculty and 65 staff. The Division offers MS, MPH, and PhD degrees as well as a Certificate in Applied Biostatistics, and interacts in teaching, advising and research with the University of Minnesota School of Statistics, with whom we share a “4/1” (BS/MS) program. The Division currently has 70 graduate students (31 MS and 39 PhD).

The salary range for these positions will be very competitive, and the University of Minnesota offers excellent fringe benefits. Applications received before November 4, 2016 will be given first consideration for an interview; however, we will continue to accept applications until the positions are filled.

Applicants should submit a cover letter, current curriculum vitae, and the names of at least three references online at z.umn.edu/312432. Please reference requisition #312432. In addition, a letter of recommendation from each of the three references should be sent to: biosearch@biostat.umn.edu.

The University of Minnesota is an equal opportunity educator and employer



UNIVERSITY OF MINNESOTA

School of Public Health

Division of Biostatistics