Michigan State University: open rank faculty positions

Full advertisement at www.stt.msu.edu/jobs

The Department of Statistics and Probability at Michigan State University (MSU) plans to fill at least two tenure-track or tenured faculty positions, to begin in August 2017. Rank will be commensurate with qualifications.

For one position, excellent candidates are sought in applied statistics and the core of modern statistical methods. A typical candidate will be an energetic and talented researcher with a nationally established record or strong potential for such, working in statistical-theory-driven methodology grounded by scientific applications. All exceptional candidates in the statistical sciences and probability, at all career levels, will be considered, and are encouraged to apply.

For the other position, the Departments of Statistics and Probability and Computational Mathematics, Science and Engineering (CMSE), are jointly seeking exceptional candidates at all career levels from all areas of data science, for a majority appointment in Statistics and Probability. Specific priority research areas for this position include theory and methods in computational statistics for handling large datasets, high-dimensional, functional, spatial, and complex data analysis, statistical machine learning broadly construed, Bayesian and other guided or unguided learning. An ideal candidate for this joint position will draw a close connection between the computational side of data analysis and its applications, and the core of the modern statistical sciences. Areas of application of particular interest include the environmental sciences and climate change, genetic/genomic data analysis including genotype-to-phenotype association and prediction, medical and other image analysis, and precision medicine. Successful candidates are expected to publish in top tier statistics and computational journals and attract significant external funding.

For both positions, typical applicants will have a PhD in statistics or in a closely allied discipline. In addition to strong research credentials, as measured by publication record, established or potential funding levels, and other academic recognition, candidates are expected to provide evidence or potential for high quality teaching in undergraduate and graduate level statistics courses. For senior applicants, evidence of robust external funding and interdisciplinary research are essential, while evidence of engagement with national or international disciplinary organizations, and connections with industrial, government, and/or other professional sectors, are desirable.

Interested candidates should apply via MSU’s online job application website (http://jobs.msu.edu).

For full application instructions, and more information about the positions, please visit: https://stt.msu.edu/Job_Postings.aspx Posting #4320 is the joint position with CMSE; Posting #4292 is the other position. Applications received by Jan 2, 2017 will receive full consideration, but applications will be considered until the positions are filled. MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. We endeavor to facilitate employment assistance to spouses or partners of candidates for faculty and academic staff positions.