Faculty Positions in Statistics and in Data Science  
Michigan State University

The Department of Statistics and Probability (STT) and the Department of Computational Mathematics, Science and Engineering (CMSE) at Michigan State University (MSU) plan to fill at least two tenure-system or tenured faculty positions beginning in August 2018. Rank will be commensurate with qualifications. Both positions are jointly appointed between STT and CMSE with one position having majority appointment in STT and the other having majority in CMSE.

They are seeking exceptional candidates at all career levels from all areas of statistics and data science. Specific priority research areas for this position are theory and methods in computational statistics for handling large datasets, such as those arising in genomics, biomedical engineering, physics, astronomy, data visualization questions, and high-dimensional and complex data analysis; graphical models and network inference, functional and spatial data analysis, statistical machine learning broadly construed, including multi-platform data integration, Bayesian and other guided or unguided learning.

An ideal candidate for this position will work at the interface of the statistical sciences, computational sciences and modern application areas. Successful candidates are expected to publish high-quality and high-impact research in top-tier journals and attract significant external funding. A majority STT candidate’s research should enrich the computational sciences while a majority CMSE candidate’s research should have impact in the statistical sciences.

Typical applicants will have a Ph.D. in statistics or in a closely allied discipline. All candidates without a Ph.D. must be on track to complete their Ph.D. before August 16, 2018. 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 and appreciated.

Online application is required, please apply through MathJobs at https://www.mathjobs.org/jobs/jobs/11044. Applications should include a cover letter, CV, statement of research plans, and a one-page teaching statement, all in a single PDF file. In addition, for applicants seeking the rank of Tenure-system Assistant Professor, four letters of recommendation should be submitted electronically from recommenders through this application system, at least one of which
addresses teaching skills and excellence. For applicants seeking ranks with tenure at MSU, names and contact information of at least four recommenders who may be contacted by the search committee, at least one of whom could address teaching skills and excellence, should be included in the online application. Applications received by November 6, 2017 for the CMSE- majority position and Dec 4, 2017 for the STT-maj ority position will receive full consideration, but the search will continue until the positions are filled. For applicants who are highly ranked for a position with tenure after an initial screening, recommendation letters will be requested by the search committee with the applicants' consent. Questions regarding the positions may be directed to Prof. Michael Murillo, Chair of the search committee: murillom@msu.edu

MSU has been advancing knowledge for more than 160 years, as the pioneer land-grant university. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges. MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status. We endeavor to facilitate employment assistance to spouses or partners of candidates for faculty and academic staff positions. MSU offers an inclusive work environment, competitive salary and benefits packages, and famously low barriers to cross-campus collaborations of all types.

The Department of Statistics and Probability draws on a tradition of research excellence in the statistical sciences, spanning a broad and inclusive range of theoretical and applied topics, in a collegial and dynamic environment. The Department of Computational Mathematics, Science and Engineering, a newly created department at MSU, provides a unique environment focused on research at the frontier of computational sciences.