Faculty Position in Statistics

Position: The Department of Management Science and Statistics (MSS) in the College of Business at The University of Texas at San Antonio (UTSA) invites applications for one open rank position (Assistant, Associate, or Full Professor) in the Department of Management Science and Statistics. The expertise and research interest of the successful candidate will be in applied statistics and experience with artificial intelligence (AI), Bayesian methodology, data analytics, machine learning, statistical learning, or statistical computing within a multidisciplinary environment. The MSS department offers a B.S. degree in Statistics, a B.B.A. in Actuarial Science, a B.B.A. in Management Science, an M.S. in Applied Statistics and a Ph.D. in Applied Statistics and supports the M.S. in Data Analytics offered by the College of Business. Responsibilities include teaching day and evening, undergraduate and graduate courses, in both disciplines--Statistics and Data Analytics--and conducting scholarly research, external funding and university service. The expected teaching load is three and four courses per year for non-tenured and tenured-faculty members, respectively. For applicants who qualify for tenure consideration, tenured appointments are contingent upon Board of Regents approval. The salary and supporting start-up package are competitive and commensurate with qualifications, rank and experience. General information about the department and its faculty can be obtained online at https://business.utsa.edu/management-science-statistics/.

Required qualifications: The successful candidate for the appointment at any level must have a PhD in Statistics or a closely-related area with expertise and interest in data analytics or big data related to artificial intelligence, machine learning, statistical learning, statistical computing or Bayesian methodology. ABD candidates will be considered if completion of all requirements for the Ph.D. degree will be completed prior to beginning employment. Candidates should support an area of application of interest to the department such as biology, business, cloud computing, computationally intensive methods, cyber security, engineering, statistical learning, machine learning or health. Applicants must have demonstrated (at the rank of Associate or Full) or potential (at the rank of Assistant) excellence in teaching, mentoring and advising of students, scholarly research and strong communication skills commensurate with an appointment at the specified rank.

Preferred qualifications: The successful candidate must demonstrate interest or experience in working on applied data projects, an active (at the rank of Associate or Full) or potentially active (at the rank of Assistant) extramural funding program, external consulting with research centers or other quantitative institutes and a willingness to develop collaboration with other colleges and organizations. Candidates with research and funding interest in statistical learning, statistical computing and Bayesian methodology are preferred.

The University: The College of Business at UTSA is one of the 40 largest business schools in the nation, is AACSB accredited, has more than 20 master’s programs and has Ph.D. programs in six areas. The college ranks second in the number of bachelor’s degrees awarded to Hispanics in the United States. UTSA is a comprehensive public metropolitan university serving approximately 30,000 students on two campuses in San Antonio. It has the expressed goal of reaching a Carnegie Classification of doctoral/research extensive (Carnegie I) by 2020. UTSA
offers opportunities for collaborative research with the University of Texas Health Science Center at San Antonio, Southwest Research Institute as well as with a broad and growing industrial base.

**Department of Management Science and Statistics:** The department has 16 tenured/tenure-track faculty members. Faculty members are actively engaged in research and support the existing doctoral programs within the college. For more information about the college of business, visit the college website at: [http://www.business.utsa.edu](http://www.business.utsa.edu).

This position is part of a university-wide cluster hiring initiative this year in Artificial Intelligence, part of President Taylor Eighmy's ambitious vision for UTSA to become an urban-serving, multicultural discovery enterprise. UTSA’s research portfolio has increasingly become more transdisciplinary, cutting across areas such as cyber security, brain health, engineering, biomedicine, public health, educational transformation, sustainability and business and policy. These areas of research have been further fueled by focused faculty cluster hires in areas including cloud computing, cyber security, brain health and analytics and data science. This targeted faculty cluster hire in AI will build on and leverage our established research portfolio, propelling our ability to tackle and solve previously unsolvable problems. Hires are expected to build their own unique programs of research, as well as to collaborate with other hires in this cluster and with colleagues in their home department, college and other colleges.

Furthermore, San Antonio is a recognized cyber-analytics hub. Given the complexity of problems in transdisciplinary fields, and the opportunity for greater government and industry partnerships, UTSA has established The National Security Collaboration Center (NSCC), to support national security and global defense research in cyber security and cloud computing, cyber-attack/deterrence, critical infrastructure protection, analytics, high performance computing, artificial intelligence, machine learning and visualization. These positions will facilitate outstanding collaborative research to further connect partners in the NSCC ecosystem.

**NSCC Background:** [https://www.utsa.edu/strategicplan/tactical-initiatives/nscc/index.html](https://www.utsa.edu/strategicplan/tactical-initiatives/nscc/index.html)

**Application Procedure:** Applicants must apply through the STARS system ([https://jobs.utsa.edu/postings/10148](https://jobs.utsa.edu/postings/10148)). Applicants must include a letter of application, a curriculum vita, and a sample of recent research. Applicants must arrange for three letters of reference to be submitted through the STARS system. Applicants who wish to be considered for an appointment at the rank of Associate or Full Professor must also submit student evaluations of their teaching. Applicants who are selected for interviews must be able to show proof that they will be eligible and qualified to work in the United States by the time of hire. Please address materials to Professor Keying Ye (ATTN: Ms. Kim Kyle), Search Committee Chair, Department of Management Science and Statistics, University of Texas at San Antonio, One UTSA Circle, San Antonio, Texas 78249-0632, (210) 458-6375. Review of complete application files begins November 20, 2018 and will continue until the positions are filled.

UTSA is an Affirmative Action/Equal Employment Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply. This position is security-sensitive as defined by the Texas Education Code § 51.215(c) and Texas Government Code § 411.094(a) (2), which authorizes the employer to obtain criminal history record information.