

UNIVERSITY OF TEXAS AT EL PASO

College of Science

Department of Mathematical Sciences

Assistant Professor

POSITION DESCRIPTION: The Department of Mathematical Sciences at The University of Texas at El Paso (UTEP) is seeking a data scientist with expertise in statistical modeling for big data and/or high performance data analytics, for a tenure-track position at the Assistant Professor level. Successful candidates are expected to develop productive research programs and will be required to mentor and teach at both the undergraduate and graduate levels, and to direct Ph.D. dissertations in data science. Candidates with experience in applied interdisciplinary research projects are welcome to apply. Anticipated appointment date is fall 2020.

ABOUT THE DEPARTMENT: The Department of Mathematical Sciences is a highly productive department at UTEP and contributes to interdisciplinary programs across the university, including the Computational Science Program. Over the past few years its faculty members have published numerous peer reviewed manuscripts and helped secure millions of dollars in grants. Existing faculty expertise includes algebra and combinatorics, fixed point theory, statistics, bioinformatics, computational science, topology and applied mathematics. A new doctoral program in Data Science within the Department is expected to start in fall 2020. In the last six years, UTEP has been ranked in the top ten by Diverse Issues in Higher Education for Mathematics and Statistics degrees conferred to Hispanic students both at the undergraduate and master's levels. More information is available at the Department of Mathematical Sciences website: <http://math.utep.edu/>.

ABOUT UTEP AND EL PASO: The University of Texas at El Paso is a Carnegie R1, Community Engaged research university at the heart of the U.S.-Mexico border region committed to the ideals of access and excellence. UTEP enrolls more than 25,000 students – about 80% of them Hispanic and more than 50% the first generation in their families to attend college. The city's border location makes it an ideal venue for academic programs and research studies on topics of national interest such as bilingual education/language acquisition, border environment and immigration, environmental sustainability and infrastructure, health disparities, and international trade and commerce. The region's center for intellectual capital, UTEP has awarded about 133,000 degrees since its founding in 1914. UTEP is one of the major economic engines in the Paso del Norte region, adding \$1.4 billion to the local economy annually.

El Paso's active arts and culture community features the state's longest running symphony orchestra, a nationally recognized chamber music festival, art galleries, museums, and a full schedule of seasonal events and festivals. UTEP adds to the arts and entertainment scene with an award-winning dinner theater, music and dance productions, contemporary and student art

galleries, and a natural history museum. For sports fans, the UTEP Miners offer exciting Division I-A college athletics at several campus venues: Sun Bowl Stadium, the Don Haskins Center, Kidd Field, University Field and the Helen of Troy Softball Complex. Southwest University Park, located a mile away in lively downtown El Paso, is home to the El Paso Chihuahuas, the Triple-A affiliate of the San Diego Padres, and the El Paso Locomotive, a professional soccer team founded in 2019.

REQUIRED QUALIFICATIONS: Applicants must have a Ph.D. in a data science related area, a strong record of research accomplishments, and the capacity to secure extramural funding. Postdoctoral experience will be given preference.

APPLICATION PROCEDURE: Review of applications will begin immediately, and applications will be accepted until the position is filled. Candidates must submit: 1) letter of interest, 2) curriculum vitae, 3) statement of research interests, 4) brief outline of teaching philosophy, 5) copies of up to three relevant authored or co-authored publications, and 6) complete contact information for at least three references.

To apply, please visit utep.edu/employment.

Hiring decisions are based upon budget approval.

In keeping with its Access and Excellence mission, the University of Texas at El Paso is committed to an open, diverse, and inclusive learning and working environment that honors the talents, respects the differences, and nurtures the growth and development of all.

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, genetic information, veteran status, sexual orientation or gender identity in employment or the provision of services.