



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, mentor and teach at both the undergraduate and graduate levels and to direct Ph.D. dissertations in data science. Candidates with experience in industry and/or applied interdisciplinary research projects are encouraged to apply. Anticipated appointment date is fall 2022.

ABOUT THE DEPARTMENT: The Department of Mathematical Sciences, consisting of nearly 30 tenure and tenure-track faculty, contributes to interdisciplinary programs across the university including the College of Science Computational Science Program. Notable faculty accomplishments of the productive faculty include the publication of high impact peer reviewed manuscripts and annual research expenditures of \$1.5m. The faculty have significant expertise in the areas of algebra and combinatorics, fixed point theory, statistics, bioinformatics, computational science, topology, data science and applied mathematics. An exciting development for the Department is the recent approval of a new Data Science doctoral program that started in spring 2021. Lastly, UTEP consistently ranks in the top ten by Diverse Issues in Higher Education for Mathematics and Statistics degrees conferred to Hispanic undergraduate and master's degree students. 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 and Community Engaged research university at the heart of the U.S.-Mexico border region that is increasing access to excellent higher education. UTEP enrolls nearly 25,000 students – 83% of whom are Hispanic and half of whom are 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 Paso del Norte region's center for intellectual capital, UTEP is one of the major economic engines in the 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 college athletics at several campus venues including 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 data science or a related field, a strong record of research accomplishments and the capacity to secure extramural funding. Preference will be given to those with postdoctoral experience.

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, 6) statement of contributions to diversity, equity, and inclusion, and 7) complete contact information for at least three references.

To apply, please visit <http://www.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. We seek to attract faculty and staff who share our commitment.

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 in accordance with state and federal law. Discrimination on the basis of sex includes an employee's or prospective employee's right to be free from sexual harassment under Title IX of the Higher Education Amendments of 1972.



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PREFERRED QUALIFICATIONS: Teaching experience in computational biology or bioinformatics is preferred.

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