POSITION DESCRIPTION: The College of Science at The University of Texas at El Paso (UTEP) seeks a statistical bioinformatician with expertise in big data analysis for a tenure-track Assistant Professor position in the Department of Mathematical Sciences. Successful candidates will develop productive research programs, mentor and teach at both the undergraduate and graduate levels, and collaborate with researchers in UTEP’s NIH-funded Border Biomedical Research Center (BBRC). Anticipated appointment date is Fall 2015.

ABOUT THE DEPARTMENT: UTEP offers a Professional Science Master’s degree in Bioinformatics, as well as undergraduate and graduate bioinformatics training through grants funded mainly by NIH, NSF, and USDA. The statistics faculty in the Department of Mathematical Sciences contributes to the interdisciplinary Bioinformatics Program through participation in bioinformatics related research, teaching, student mentoring, and program administration. They are also engaged as resource faculty for the Bioinformatics and Statistical Consulting Core Facilities of the BBRC providing bioinformatics computing, software development, experimental design, and data analysis support for biomedical researchers. Many ongoing projects in the BBRC require analysis of very large data sets generated by next generation sequencing, mass spectrometry (e.g., proteomics and metabolomics), and cryo-electron microscopy. More information about the BBRC, Bioinformatics Program, and Department of Mathematical Sciences is available at http://science.utep.edu/bbrc/, http://www.bioinformatics.utep.edu/, and http://www.math.utep.edu.

ABOUT UTEP AND EL PASO: Located on the culturally vibrant U.S.-Mexico border, The University of Texas at El Paso is an emerging national research university with more than 23,000 students. The University’s rapidly growing research portfolio in the sciences, engineering, health fields, and other areas brings in more than $83 million per year, ranking UTEP fourth in federal research expenditures among the public universities in Texas. El Paso is a highly livable, bicultural community of 800,000 people, which offers affordable homes and attractive neighborhoods. It is the safest large city in the United States. Shielded by mountains on three sides, El Paso experiences more than 300 days of sunshine annually, and residents enjoy outdoor activities year-round. The city of El Paso is adjacent to both the state of New Mexico and the country of Mexico, making it the nation’s leading area for cultural diversity and border health research. Comprising 248 square miles, El Paso is the sixth largest city in Texas and 19th largest city in the United States. El Paso’s active arts and culture community features the state’s longest running symphony orchestra, a nationally recognized chamber music festival, art galleries, history museums, and a full schedule of seasonal festivals and events. UTEP adds to
the arts 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 Sun Bowl Stadium, the Don Haskins Center, and Kidd Field. Southwest University Park located in El Paso’s lively downtown is home to the El Paso Chihuahuas, the San Diego Padres AAA baseball team.

REQUIRED QUALIFICATIONS: Applicants must have a Ph.D., postdoctoral experience, a strong record of research accomplishments, and the capability to secure extramural funding. Teaching experience in statistics and/or bioinformatics is preferred.

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.

Applications should be submitted electronically as a single PDF file with the subject line “UTEP Bioinformatics Faculty Search” to:

Dr. Ming-Ying Leung,
Search Committee Chair,
Email: search@math.utep.edu

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