

Assistant Professor in Experimental Condensed Matter Physics

About The University of Texas at 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 24,000 students. El Paso is a highly livable, bicultural community of more than 800,000 people, which offers affordable homes and attractive neighborhoods. It is the safest large city in the United States. 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 24th 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, 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.

The Department of Physics at UTEP has rapidly growing research programs in experimental, computational and theoretical physics. New research funding secured by Physics faculty last three years amounts to \$7.3 M, supporting efforts in diverse fields and interdisciplinary efforts linking Physics with Chemistry, Biology and Engineering. The department has access to state-of-the-art experimental facilities for optical, microscopic, magnetic, and structural materials characterizations, as well as outstanding computational capabilities. Physics faculty also contributes to interdisciplinary Ph.D. programs in Materials Science and Engineering, Environmental Science and Engineering, Computational Science, Data Science, and Biomedical Engineering.

Job Description:

The Department of Physics at The University of Texas at El Paso (UTEP) invites applications for a tenure-track Assistant Professor position in Experimental Condensed Matter Physics with emphasis in clean energy applications beginning fall 2023. We prefer candidates with experience in renewable energies/energy storage materials. Outstanding candidates in other areas of condensed matter physics will be considered. The selected candidate is expected to develop and maintain an independent, externally funded on-campus research program involving students. The selected candidate's research is expected to complement the existing areas within the department, and the candidate is strongly encouraged to work closely with other researchers within the department and on UTEP campus. The selected candidate is expected to teach at both undergraduate and graduate levels; perform service to the Department, College and University; and engage in outreach activities.

Requirements:

Applicants should hold a Ph.D. in Physics or a closely related discipline, possess postdoctoral experience, and have a strong record of research accomplishments, have teaching experience at least at the Teaching Assistant level, and possess strong verbal and written communication skills.

Additional Information:

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. Inquiries-including the filing of a Formal Complaint or reporting an incident-about the application of Title IX may be referred to the Title IX Coordinator, who can be reached by phone at (915) 747-8358, by email at titleix@utep.edu, or by mail at 500 W. University Ave., El Paso, TX, Kelly Hall, Room 312.

For accommodation information for employees and applicants with disabilities, please contact UTEP's Equal Opportunity Office at eoaa@utep.edu.

Application Instructions:

Review of applications will begin immediately and will continue until the position is filled. The Interested candidates must submit a letter of interest; curriculum vitae; statement of

research interests; description of teaching philosophy; Diversity, Equity, Inclusion, and Accessibility (DEIA) statement; and contact information for at least three references.