

Two Faculty Positions in Condensed Matter Physics

As part of its strategic growth plan, the Department of Physics and Astronomy at Texas Tech University (TTU) invites applications for two tenure-track Assistant Professor positions, one in experimental and one in theoretical condensed matter physics (CMP). The starting date is September 1, 2020.

We expect the new faculty members to establish and develop an internationally recognized and visionary research program in CMP, broadly defined. Candidates with research experience in quantum computing and novel quantum materials are specifically encouraged to apply. Considerable resources are available at TTU to strengthen and support interdisciplinary and collaborative research efforts. These include generous start-up funds and existing state-of-the-art research facilities. The NanoTech Center, a locus of interdisciplinary research, focuses on fundamental science and growth of advanced semiconductor materials. The Advanced Particle Detector Laboratory is developing innovative detector technologies for multiple future applications. The High-Performance Computing Center makes substantial resources and expertise available to support research on campus. The department boasts strong and well-funded research groups, and TTU is classified as a 'R1: Highest Research Activity' University by the Carnegie Foundation, and it has been named an 'Innovation and Economic Prosperity (IEP)' University by the Association of Public and Land Grant Universities (APLU).

Candidates must have a Ph.D. in physics or closely related field, relevant professional experience, an outstanding research record, and show promise of excellent teaching at both undergraduate and graduate levels. Post-doctoral experience preferred but outstanding graduates and candidates with professional experience in the industry and national laboratories are encouraged to apply. Candidates are expected to garner extramural funding to support their research. Experience working with diverse student populations and first-generation students is highly desirable. Service to the department, college, and university is also expected.

Each applicant should submit a vita, list of publications, statement of research interests and plans, teaching philosophy, and contact information for at least three references. Applications should be submitted online at <http://jobs.texas-tech.edu>, using requisition **18852BR** for the experimental position and requisition **18831BR** for the theoretical position. Inquiries should be sent to Professor Luis Grave de Peralta (luis.grave-de-peralta@ttu.edu). Review of applications will start November 1, 2019 and will continue until the positions are filled.

Texas Tech University recently surpassed the Hispanic student population threshold necessary for designation as a Hispanic Serving Institution (HSI). As an Equal Employment Opportunity/Affirmative Action employer, TTU is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community at TTU. The university does not discriminate on the basis of an applicant's race, ethnicity, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, genetic information, or status as a protected veteran. TTU welcomes consideration of dual career and professional couple accommodations.