

**Experimental Condensed Matter Physics
Purdue University**

The Department of Physics and Astronomy in the College of Science at Purdue University (www.physics.purdue.edu) seeks applications for a faculty position at the level of Assistant Professor in the field of experimental condensed matter physics. We seek a tenure-track assistant professor to complement existing strengths in the condensed matter group.

This position is part of a continued expansion and investment in a large-scale hiring effort across key strategic areas in the College of Science, Purdue's second-largest college, which comprises the physical sciences, computing, and life sciences. Under new leadership, the college is pursuing significant new growth in the area of Quantum Information Sciences and opportunities abound for collaboration across the Colleges of Science and Engineering.

Areas of current research interest in the Department include non-Abelian fractional quantum Hall physics, novel topological phases of matter, quantum computing and quantum information science, topological superconductivity and magnetic systems. Individuals pursuing novel experimental techniques to probe condensed matter systems are encouraged to apply. Candidates are required to have a doctoral degree in physics or related field and a documented record of research accomplishments. A successful candidate is expected to develop a vigorous research program, supervise graduate students, and teach undergraduate and graduate level courses. Applicants should send a curriculum vitae, a brief statement of present and future research plans, a statement of teaching philosophy and arrange for three letters of recommendation. Electronic submission is preferred: <https://www.physics.purdue.edu/searches/app/>. Questions regarding the position and search should be directed to Prof. Michael Manfra (mmanfra@purdue.edu). Applications completed by November 1, 2018 will be given full consideration, although the search will continue until the position is filled. A background check will be required for employment in this position.

Purdue University's Department of Physics and Astronomy is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in the cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Purdue University is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.