

Dare to be first.



Faculty Position in Experimental Nanoscale Physics – Department of Physics and Astronomy

The Department of Physics and Astronomy at the University of Delaware invites application for a tenure-track Assistant Professor position in the area of experimental nanoscale physics. Areas of research interest include, but are not limited to, physics of collective excitations and emergent quantum phenomena in solids, low-dimensional electronic transport, nanophotonics, layered and topological materials and devices. The successful candidate will be a major user of the new 8,000-square-foot nanofabrication facility located within the Harker Interdisciplinary Science & Engineering Laboratory. This facility is equipped with state-of-the-art tools for electron-beam and optical lithography, deposition, etching, thermal processing, metrology and packaging. We seek creative and innovative individuals who have demonstrated excellence in research, who will engage in high-quality teaching and mentoring at both the undergraduate and graduate levels, and who are eager to work in a collaborative and interdisciplinary research environment and become leaders in their fields. Candidates conducting research that complements existing university strengths in nano-bio interfaces, optoelectronics, photonics, laser spectroscopy, renewable energy or spintronics are especially encouraged to apply.

The University of Delaware combines a rich historic legacy in science and engineering with a commitment to undergraduate education and scholarly excellence. With external expenditures exceeding \$200 million annually, the University ranks among the top 100 universities in federal R&D support. State-of-the-art facilities support research across all seven colleges and numerous interdisciplinary institutes and centers. The main campus in Newark, Delaware, provides the amenities of a vibrant college town with convenient access to the major cities of the East Coast. The newly opened 194,000-square-foot Harker Interdisciplinary Science & Engineering Laboratory greatly expands opportunities and resources for research and education, and the recently acquired 272-acre STAR (Science, Technology and Advanced Research) campus offers even more opportunities for research, academic, and commercial development.

Candidates must have a PhD degree in physics or a related discipline. Applicants should submit a curriculum vita, a 3-6-page research proposal, a one-page statement of teaching experience and interests, and a list of at least four references. The University of Delaware is committed to diversity in hiring; women and people from diverse cultures and backgrounds are especially encouraged to apply. The University is also supportive of the needs of dual-career couples. Applications received by 15 November 2016 are assured of full consideration. To submit applications please visit the UDJOBs website at www.udel.edu/udjobs.