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Assistant Professor of Physics - Quantum Materials [SAVE](#)

University of Nebraska-Lincoln

The University of Nebraska-Lincoln's new initiative in Quantum Materials and Technologies (QMT) seeks collaborative faculty in physics, materials science and engineering, chemistry, and electrical and computer engineering. Research areas of interest include: quantum superposition and entanglement, synthesis of complex and nanoscale materials, quantum measurement and control, quantum-enabled sensors and metrology, and synthetic quantum systems and quantum simulation. UNL is a R1 public university, and is on a strong growth trajectory in research and student enrollment. This significant investment will increase UNL's capacity and leadership in one of the major challenges of science and engineering for the future. The QMT initiative builds upon research strengths in our NSF-supported Materials Research Science and Engineering Center and Nebraska Nanoscale Facility: National Nanotechnology Coordinated Infrastructure, as well as the Nebraska Center for Materials and Nanoscience.

As part of this initiative, the Department of Physics and Astronomy at UNL invites applications for a tenure-track position at the Assistant Professor level in the areas of experimental condensed matter and materials physics (CMMP). We seek an individual specializing in the studies of emerging quantum materials and quantum phenomena, including, but not limited to, phenomena driven by topological effects, quantum confinement, and/or electron correlations.

The qualified candidate must have a PhD in physics or a related discipline, a strong track record of scholarly activity, and the potential for developing a high impact, externally-funded research program. Preferred candidates will have the potential to efficiently integrate into UNL's collaborative research programs. The successful candidates will contribute to the undergraduate and graduate academic programs within the department and demonstrate a commitment to excellence in both research and teaching. The anticipated start date is August 2019.

For consideration, applicants must complete the online Faculty/Administrative form and submit application materials at <http://employment.unl.edu>, requisition F_180151. Applicants should include a letter of interest, a curriculum vitae including a list of publications, a statement of research and teaching interests (maximum of six pages combined), and the contact information for at least three references. Inquiries regarding the position or the application process should be directed to: PhysicsSearch@unl.edu.

Review of applications will begin November 1, 2018, and continue until the position has been filled.

Internal Number: F_180151

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About University of Nebraska-Lincoln

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <http://www.unl.edu/equity/notice-nondiscrimination>.

Details

Posted:

September 17, 2018

Location:

Lincoln, Nebraska

Salary:

Level:

Experienced

Sector:

Academic

Work Function:

Faculty 4-Year College/University

Discipline:

Physics: Condensed Matter, Physics: Quantum

Required Education:

Doctorate

Application



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