UNIVERSITY OF NEBRASKA-LINCOLN
Assistant Professor in Chemistry
Quantum Materials and Technologies Cluster
Apply online (http:employment.unl.edu) to Requisition #F_180110.

The University of Nebraska-Lincoln invites applications for four tenure-track assistant professor positions in a new interdisciplinary cluster initiative in Quantum Materials and Technologies (QMT). 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. UNL is a Carnegie Foundation "Doctoral Universities: Highest Research Activity" university, and is on a strong growth trajectory in research and student enrollment.
The QMT initiative 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. The anticipated start date is August 2019.
More specifically, the Department of Chemistry invites applications for a tenure-track position at the Assistant Professor level. We seek an individual specializing in quantum materials synthesis, growth and characterization. Minimum qualifications include a PhD in chemistry or allied discipline, and the ability to contribute to introductory level chemistry teaching as well as upper division and graduate level courses. Preferred qualifications include a strong record of scholarly activity, and strong evidence for the potential to develop an impactful, externally-funded research program that strengthens the QMT initiative.
To be considered for the chemistry position, applicants must complete the on-line Faculty/Administrative form and submit application materials at http://employment.unl.edu, requisition F_180110. Applicants should attach a cover letter/personal statement, a curriculum vitae, a statement of proposed research and a statement of teaching philosophy (maximum of six pages combined as Other Document), and contact information for three references. Applicants must also arrange for three confidential letters of reference to be sent by email to chemsearch@unl.edu or to Search Committee, Attn: Rachel Darlington, Department of Chemistry, University of Nebraska-Lincoln, Lincoln, NE 68588-0304. Inquiries regarding the position or the application process should be directed to: ChemSearch@unl.edu, or Search Chair, Department of Chemistry, University of Nebraska-Lincoln, 545 Hamilton Hall, Lincoln, NE 68588-0304 (Fax: 402-472-9402). Review of applications will begin November 1, 2018, and continue until the position has been filled.
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.