

FACULTY POSITION
EXPERIMENTAL CONDENSED MATTER PHYSICS
UNIVERSITY OF NEBRASKA-LINCOLN

The Department of Physics and Astronomy at the University of Nebraska-Lincoln (UNL) is seeking a tenure-track Assistant Professor in the field of experimental Condensed Matter and Materials Physics (CMMP) with an emphasis on nanoscale phenomena. CMMP is one of the strongest research areas in the Department of Physics and Astronomy, nationally and internationally competitive, both in research accomplishments and external funding. The successful applicant will join the CMMP faculty of 9 experimentalists and 2 theorists whose research interests lie in the areas on nanomagnetic materials and structures, ferroelectric, magnetoelectric, and organic materials, electronic structure of surfaces and interfaces, and electron and spin transport. He/she will have the opportunity to become a member of the Nebraska Center for Materials and Nanoscience (NCMN), which involves about 70 faculty across eight departments at UNL. NCMN operates Central Facilities including Nanofabrication, Materials Preparation, Electron Microscopy, X-Ray Materials Characterization, Scanning Probe Microscopy, Mechanical Characterization, and Crystallography. CMMP faculty members also participate in an NSF-funded Materials Research Science and Engineering Center (MRSEC) "Quantum and Spin Phenomena in Nanomagnetic Structures" which provides opportunities for interdisciplinary research in nanomagnetism. UNL has designated Nanoscale Science and Technology as a "Program of Excellence", providing substantial support for research enhancement in materials-related Departments in the Arts & Science and Engineering Colleges.

Further information can be found on our web sites at www.physics.unl.edu, www.unl.edu/ncmn/, and www.unl.edu/mrsec/.

The successful candidate will have a Ph.D. in physics or related field (minimum requirement). Preferred candidates will be expected to demonstrate a strong record of research accomplishments, the potential for establishing a significant externally funded research program, and a strong interest in undergraduate and graduate teaching. Candidates from all fields of experimental condensed matter and materials physics are encouraged to apply. We are particularly interested in the applicants who can contribute to the areas of electron and spin transport at the nanoscale and nanoscale magnetic and ferroelectric materials. Starting date for this appointment is August 16, 2010. The Search Committee will begin screening applications on November 15, 2009 but the search will continue until a suitable candidate is found.

Applications should be submitted on-line at <http://employment.unl.edu>, requisition 090501, and should include a letter of application, curriculum vitae, list of publications, names of at least three references, and statements of research and teaching interests. Several representative publications may also be included. Applicants should arrange for three letters of reference to be sent to: Professor Evgeny Y. Tsymbal, Search Committee Chair, Department of Physics and Astronomy, University of Nebraska, Lincoln, NE 68588-0111 or by e-mail at: jbecic2@unlnotes.unl.edu

The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.