

Faculty Position in Experimental Materials and Condensed Matter Research

The Physics Department at New Jersey Institute of Technology (NJIT) is seeking candidates for a tenure-track faculty position at the assistant or associate professor level. The successful candidate will be an experimentalist who can develop an independent research program, teach undergraduate and graduate materials science and physics courses, and collaborate with other Faculty in the Department, some of whom utilize synchrotron and neutron facilities at the major national laboratories, utilize in-house additive manufacturing facilities, as well as major computational infrastructure. Candidates from a broad range of areas of experimental materials research and condensed matter research are urged to apply. Areas under consideration include additive manufacturing, 3D printing, spectroscopy, nanoscale imaging and far from equilibrium materials research possibly utilizing national laboratories and user facilities including synchrotron, FEL and neutron sources, America Makes, as well as local NJIT facilities.

The candidate must have a strong track record of high impact publications, must have completed at least one postdoctoral position and be capable of attracting external funding. The NJIT Physics department has eight faculty members working in materials related areas, including two in synchrotron-related experiments, two in additive manufacturing/ 3D printing, and two in condensed matter theory. The department has two strong graduate programs (applied physics program and interdisciplinary materials science program) with more than 70 graduate students working in areas including nanomaterials, additive manufacturing/ 3D printing, sensors, complex oxides, and energy related materials systems. Please submit all documents online by November 15th 2018 at <https://njit.csod.com/ats/careersite/JobDetails.aspx?site=1&id=866> including; (1) a cover letter, (2) a current version of your CV with all publications, (3) research statement and research plan, (4) documentation of teaching experience and teaching statement/philosophy and (5) three letters of recommendation. Inquiries should be addressed to: Professor John Federici, NJIT Physics Department (federici@njit.edu). The NJIT physics department is fully committed to diversifying our faculty. NJIT is an Affirmative Action/Equal opportunity employer.