Assistant Professor Position in Nuclear Engineering

The Department of Nuclear Engineering at the University of New Mexico (UNM) invites applications for a tenure-track appointment at the Assistant Professor level. Applicants in all sub-disciplines of nuclear engineering are encouraged to apply. Research expertise in nuclear fuels and materials, nuclear reactor technology and safety, or nuclear safeguards is desired but not required.

The Department, which has recently become an independent department, offers an ABET accredited B.S. degree, and M.S. and Ph.D. degrees in Nuclear Engineering and M.S. level concentrations in Medical Physics and Radiation Protection Engineering. Current department faculty is comprised of three Full Professors, two Associate Professors, one Assistant Professor, and one Principal Lecturer. Active Departmental research includes nuclear reactor design, safety and thermal-hydraulics, space nuclear power, radiation detection, advanced instrumentation and diagnostics, nuclear safeguards, radiation transport, and criticality safety. Facilities include an AGN-201M low-power research reactor, a radiation measurement and detection laboratory, a thermal fluids laboratory, a thermal-hydraulics and energy conversion laboratory, and a high performance computing facility.

A recently signed MOU for a Strategic Alliance between UNM and Sandia National Laboratories (SNL) uniquely facilitates establishing close interactions and collaborations between SNL staff and UNM faculty and students. In addition, the Air Force Research Laboratory in Albuquerque, and the close proximity of Los Alamos National Laboratory (LANL) provide exceptional opportunities for collaborative research. It is desirable but not necessary that candidates have backgrounds that would expedite the formation of collaborations with the national laboratories.

Applicants should hold an earned Ph.D. degree in Nuclear Engineering or closely related discipline by the appointment start date, and should have 4-5 years’ prior research experience necessary to lead an active research program as evidenced by peer refereed publications, technical reports, patents, etc., commensurate with an entry-level faculty position. The successful candidate is expected to have a strong research vision and develop an independent, extramurally funded research program.

Teaching experience is desirable, but not required. The successful candidate will have a strong commitment to teaching excellence and undergraduate and graduate education, and is also expected to demonstrate a commitment to diversity, equity, inclusion, and student success, and to interact with broadly diverse communities.

The University of New Mexico, the flagship institution of higher learning in the state of NM, has a rich and diverse culture, and strong commitments to diversity and excellence in teaching and research. Candidates from all underrepresented groups are strongly encouraged to apply.

For more information about the Department of Nuclear Engineering and the School of Engineering see http://www-ne.unm.edu/ and http://www.soe.unm.edu.
For best consideration, complete applications must be received by Jan 30, 2016. The position, however, will remain open until filled. A complete application consists of: (1) a cover letter/letter of interest; (2) a comprehensive CV; (3) a statement articulating teaching and research experience, vision, philosophy and interests; and (4) the names and contact information (address, phone number and email address) of five professional references.

Applications must be submitted online through UNMJobs.unm.edu, by referencing posting #0832662 or by going to the https://unmjobs.unm.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1447779217000

The University of New Mexico is an Equal Opportunity/Affirmative Action Employer/Educator.

Inquiries should be sent to Prof. Gary Cooper, Chair of the Search Committee: garywc@unm.edu