The Department of Nuclear, Plasma, and Radiological Engineering at the University of Illinois at Urbana-Champaign seeks a highly qualified individual to join the faculty in a tenured or tenure-track position. Rank and salary will be commensurate with qualifications.

Well-qualified candidates with background in areas related to radiation detection and measurement, medical imaging, health physics or radiochemistry will be preferred. Other well qualified candidates in the nuclear energy and plasma physics fields related to the mission of the NPDE Department are also invited to apply. Applicants must hold a doctorate in nuclear engineering or related disciplines. The successful applicant must demonstrate the ability or potential to develop strong research and academic programs, including teaching at both the undergraduate and graduate levels.

In addition to the core mission areas identified above, the Department is also interested in individuals that use high performance computing platforms to leverage UIUC Blue Waters resources. Blue Waters Professors will be provided substantial allocations and expedited access to the Blue Waters supercomputer platform and are expected to make substantial contributions to the field in high performance computing. Applicants interested in a Blue Waters Professorship should include Blue Waters as a preferred research area when prompted in the online application process and refer to Blue Waters in the cover letter.

Qualified senior candidates may also be considered for tenured full Professor positions as part of the Grainger Engineering Breakthroughs Initiative, which is backed by a $100-million gift from the Grainger Foundation. Over the next few years, more than 35 new endowed professorships and chairs will be established, which will provide valuable opportunities for world-renowned researchers. The two main research areas are big data and bioengineering/biotechnology. More information regarding the Grainger Initiative can be found at: http://graingerinitiative.engineering.illinois.edu

The application process requires creation of a candidate profile at http://go.illinois.edu/faculty45127, a concise written synopsis of your research plans and educational goals, a detailed curriculum vitae, and names and contact information of a minimum of three professional references. Application materials must be received by December 15, 2015 for full consideration. Only complete applications will be considered. Interviews may take place during the application period, but a decision will not be made until after the closing date. The anticipated start date is August 16, 2016, but is negotiable.

For further information regarding application procedures, you may contact:

Department of Nuclear, Plasma, and Radiological Engineering
Telephone: (217) 333-2295
Fax: (217) 333-2906
Email: nuclear@illinois.edu
The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).

We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (http://provost.illinois.edu/worklife/index.html).