ILLINOIS
Nuclear, Plasma &
Radiological Engineering
GRAINGER COLLEGE OF ENGINEERING

Open Rank Faculty Search
Department of Nuclear, Plasma, and Radiological Engineering
The Grainger College of Engineering
University of Illinois at Urbana-Champaign

The Department of Nuclear, Plasma, and Radiological Engineering at the University of Illinois at Urbana-Champaign seeks highly qualified individuals to join the faculty in full-time tenured or tenure-track positions. Senior and mid-career faculty are encouraged to apply, but all qualified candidates will be considered. Rank and salary will be commensurate with qualifications.

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit http://go.illinois.edu/EEO. To learn more about the University commitment to diversity, please visit https://engineering.illinois.edu/about/diversity.html.

Well-qualified candidates with background related to all research areas within the Department are encouraged to apply. Our Department has strong efforts in nuclear power, nuclear materials, materials science in general, fundamental and applied plasma physics, radiation detection and measurement, security and safeguards, and biomedical applications. Applicants must hold a doctorate in nuclear engineering or related disciplines. The successful applicants must demonstrate the ability or potential to develop strong research and academic programs, including teaching at both the undergraduate and graduate levels. Ideal candidates include those who demonstrate a commitment to diversity, equity, and inclusion through research, teaching, and/or service endeavors.

Qualified senior candidates may also be considered for tenured Associate Professor and Full Professor positions as part of the Grainger Engineering Breakthroughs Initiative. Over the next few years, more than 35 new endowed professorships and chairs will be established in areas of strategic interest to The Grainger College of Engineering. Such areas include, but are not limited to, bioengineering, big data, quantum information, robotics and machine learning. More information about the Grainger Initiative can be found at https://grainger.illinois.edu/research/grainger-breakthroughs.

The Department of Nuclear, Plasma, and Radiological Engineering has a strong undergraduate program with three professional concentration areas and a number-7th ranked graduate program. The Department has 13 FTE faculty members within the highly-regarded and world-renowned UIUC Grainger College of Engineering. More information regarding our department can be found at https://npre.illinois.edu/ and at https://npre.illinois.edu/sites/default/files/Faculty%26Facilities7.5x11_8-1-18_hyperlinks.pdf. Our facilities include HIDRA, a large-scale plasma device that is unique within U.S academia. The NPRE Department had $7.6M in research expenditures in FY19, while the total for The Grainger College of Engineering was $225M in FY18.

In addition, the UIUC campus is home to the Carle Illinois College of Medicine (https://medicine.illinois.edu), the Beckman Institute of Advanced Science and Technology (https://beckman.illinois.edu), the Holonyak Micro &

Nanotechnology Lab (https://mntl.illinois.edu/), the Frederick Seitz Materials Research Laboratory (https://mrl.illinois.edu/), and the National Center for Supercomputing Applications (http://www.ncsa.illinois.edu/). These units generally facilitate innovative research derived from interdisciplinary collaboration across the UIUC campus.

To apply for this position, please create a candidate profile at https://jobs.illinois.edu. The application package should include: 1) a detailed curriculum vitae, 2) a concise written synopsis of your research plans and educational goals, 3) a statement on commitment to diversity, and 4) names and contact information of a minimum of three professional references, all in a single PDF file. The statement on diversity should address past and/or potential contributions to diversity, equity, and inclusion through research, teaching, and/or service. Application materials must be received by the closing date of December 15, 2019 for full consideration. 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, 2020, but is negotiable.

For further information regarding application procedures, you may contact nuclear@illinois.edu. For specific questions regarding the position, you may contact Professor Ling-Jian Meng, search chair, at ljmeng@illinois.edu.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

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 (https://provost.illinois.edu/faculty-affairs/work-life-balance/).