

Professor (Open Rank)
Department of Nuclear, Plasma, and Radiological Engineering
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 two highly qualified individuals to join the faculty in full-time tenured or tenure-track positions. Rank and salary will be commensurate with qualifications.

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.

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/EEQ>. To learn more about the University's commitment to diversity, please visit <https://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/faculty-affairs/work-life-balance/>).

The Department of Nuclear, Plasma, and Radiological Engineering has a strong undergraduate program with three professional concentration areas and a top-five graduate program. The Department has 15 FTE faculty members within the highly-regarded and world-renowned UIUC College of Engineering. More information regarding our department can be found at <https://nppe.illinois.edu/> and at https://nppe.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 NPPE Department had \$7.0M in research expenditures in FY18, while the total for the College of Engineering was \$240M (FY17).

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>), and the Frederick Seitz Materials Research Laboratory (<https://mrl.illinois.edu/>). Both the Carle Illinois College of Medicine and the Beckman Institute seek innovation derived from interdisciplinary collaboration across the UIUC campus.

The application process requires creation of a candidate profile at <http://jobs.illinois.edu>, a concise written synopsis of your research plans and educational goals, a statement on commitment to diversity, a detailed curriculum vitae, and names and contact information of a minimum of three professional references. 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 17, 2018 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, 2019, 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 Brent Heuser, search chair, at bheuser@illinois.edu.

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