

Assistant Professor
Nuclear Engineering Program
Herbert Wertheim College of Engineering
University of Florida

The Nuclear Engineering (NE) Program in the Herbert Wertheim College of Engineering (HWCOE) at the University of Florida (UF) invites applications for one tenure-track position at the rank of Assistant Professor. Exceptional candidates with research interests in the area of **artificial intelligence (AI) applied to all areas of Nuclear Engineering** are being considered. Example areas of interest include:

- Radiochemistry
- Plasma physics and fusion
- Advanced reactor concepts
- Reactor physics
- Thermal hydraulics
- Nuclear materials
- Radiation detection

The NE Program in the Department of Materials Science and Engineering (MSE) in the HWCOE at UF is a dynamic program built around leading expertise and facilities that is poised to influence the future of Nuclear Engineering. The NE Program offers an ABET-accredited B.S. degree in Nuclear Engineering and M.S. and Ph.D. degrees in Nuclear Engineering Sciences. Research is central to the success of the program and new faculty will be expected to initiate and sustain strong sponsored research and graduate training programs.

UF is leading the way by harnessing the power of AI to solve some of the world's most formidable challenges. Our HiPerGator AI supercomputer (<https://ai.ufl.edu>) is the most powerful university-owned supercomputer. The depth and breadth of our academics and research set us apart as one of the leading preeminent universities in the country. We are committed to thoughtful, equitable, and inclusive development and deployment of AI solutions for research, education, and workforce development.

The program provides an integrated NE education addressing a wide array of topics, including radiation detection, nuclear materials, reactor physics, and thermal hydraulics. New faculty will be expected to continue the tradition of both developing and teaching NE courses at the undergraduate and graduate level.

University of Florida counts among its greatest strengths that it values broad diversity in its faculty, students, and staff and creates a robust, inclusive and welcoming climate for learning, research and other work. UF is committed to equal educational and employment opportunity and access and seeks individuals of all races, ethnicities, genders and other attributes who, among their many exceptional qualifications, have a record of including a broad diversity of individuals in work and learning activities. The selection process will be conducted in accord with the provisions of Florida's 'Government in the Sunshine' and Public Records Laws. Search committee meetings and interviews will be open to the public, and applications, resumes, and many other documents related to the search will be available for public inspection. The University of Florida is an Equal Opportunity Employer.

Eligible applicants must have a Ph.D. or equivalent in Nuclear Engineering or a related field. Postdoctoral research experience and a record of successful proposal writing, mentoring and classroom teaching of undergraduate and graduate students is preferred.

The search committee will begin reviewing applications immediately and will continue to receive applications until the position is filled. You must apply by submitting an application through Interfolio via <https://facultyjobs.hr.ufl.edu/>. (Job 81515) The application requires PDF files of the following documents: 1) cover letter (summary and introduction related to hiring emphasis areas), 2) curriculum vitae, 3) statement of research interests and research program vision, 4) statement of teaching interests and philosophy, 5) a statement describing the applicant's experience in enhancing diversity, equity and inclusion through research, teaching, or service, and vision for promoting a more inclusive experience at the University of Florida, and 6) contact information for at least three references. We request that you also email your electronic application package (PDF

files) to Nekia Jones at nekiajones@mse.ufl.edu. Upon request, please have three letters of reference sent by email to Nekia Jones.

Selected candidate will be required to provide an official transcript to the hiring department upon hire. A transcript will not be considered “official” if a designation of “Issued to Student” is visible. Degrees earned from an educational institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

If an accommodation due to a disability is needed to apply for this position, please call 352-392-2477 or the Florida Relay System at 800-955-8771 (TDD). Hiring is contingent upon eligibility to work in the US. Searches are conducted in accordance with Florida's Sunshine Law.

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