

NSE

Nuclear Science and Engineering

science : systems : society



Faculty Positions

The Department of Nuclear Science and Engineering (NSE) at the Massachusetts Institute of Technology (MIT), Cambridge, MA, invites applications for faculty positions starting July 1, 2021 or on a mutually agreeable date thereafter.

The Department is a world leader in the generation, control and application of nuclear reactions and radiation for the benefit of society and the environment. NSE faculty educate and conduct research in fields from fundamental nuclear science to practical applications of nuclear technology in energy, security and quantum engineering. We are seeking exceptional candidates broadly engaged in these areas. All candidates who demonstrate excellence in the multidisciplinary landscape of the department's research and education areas will be considered. These areas include, but are not limited to: advanced modeling, simulation, and theory of complex nuclear systems; integrated design for nuclear fission energy systems; advanced thermal hydraulics; radiation sources and technology; nuclear security; plasma physics and fusion engineering; materials for extreme environments; and quantum computing, engineering and control. See <http://web.mit.edu/nse/>. The search is for candidates to be hired at the assistant professor level; under special circumstances, however, an untenured associate or senior faculty appointment is possible, commensurate with experience.

We welcome applications from a wide range of disciplines, including nuclear engineering, physics, chemistry, materials science, mechanical engineering, computational science and engineering, environmental engineering, and electrical engineering. However, a commitment to excel in teaching in the Department is essential. Faculty duties will include teaching at the graduate and undergraduate levels, research, and supervision of graduate students. Applicants must have a doctorate in an Engineering or Scientific field relevant to research in the Department by the beginning of employment, and must have demonstrated excellence in research and scholarship in a relevant technical field.

Applications are being accepted electronically at <https://faculty-searches.mit.edu/nse/>. Each application must include: a curriculum vitae, the names and addresses of three or more references, a two-page strategic statement of research interests, a one-page statement of teaching interests, and electronic copies of no more than three representative publications. In addition, candidates must provide a statement regarding their views on diversity, inclusion, and belonging, including past and current contributions as well as their vision and plans for the future in these areas. Each candidate must also arrange for three or more reference letters to be uploaded electronically.

Recognizing MIT's strong commitment to diversity in education, research and practice, minorities and women are especially encouraged to apply.

MIT is an equal employment opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin. MIT's full policy on Nondiscrimination can be found [here](#).

Applications received before January 31, 2021 will be given priority.

<http://web.mit.edu>