



Education

that have taken advantage of the BEEC's offerings include local civic organizations such as the Rotary Club, Lions Club, and Chamber of Commerce; industry organizations like the North American Young Generation in Nuclear; several vendors and utilities; and a number of student groups of all ages from area schools and colleges.

Groups can make a reservation to visit the BEEC, where, Williams noted, the exhibits are designed for middle school grades and higher. To schedule a visit, fill out the request form on Duke Energy's website, at duke-energy.com/energy-education/energy-centers-and-programs/brunswick-ed-center. Questions can be emailed to Brwnswick.Plant@Duke-Energy.com.

Improving mental models

The BEEC is helping advance the goals of the nuclear industry by providing the public with much-needed information about this commonly misunderstood energy source.

As Williams said, "What our education centers offer is an opportunity to explore and improve people's mental models about how energy is generated and how we can improve to be more carbon-free. Especially when it comes to nuclear energy, most people have ideas that are outdated or inaccurate. At any one of our education centers, community members can explore ideas, ask questions, and talk with people who work at our plants."

She added, "I love when someone comes into our new education center and tells me how, when they were in eighth grade, they came with their teacher and classmates. They remember pedaling the bike to turn on the light bulb and talking to the people who work at the plant who had such interesting jobs."

Similar lasting memories are surely being created today among young visitors to the new BEEC. ☒



Massachusetts
Institute of
Technology

Department of Nuclear Science and Engineering 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, 2024 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 nuclear engineering, especially candidates focused on advanced modeling, simulation, and theory of complex nuclear systems; radiation transport and shielding; reactor and nuclear physics. See <http://web.mit.edu/nse/> for more details about the department. 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, however, a commitment to excel in teaching in one of the core fields of nuclear science and engineering 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 Nuclear Engineering or a related 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. Employment is contingent upon the completion of a satisfactory background check, including verifying any finding of misconduct (or pending investigation) from prior employers.

Applications received before December 20, 2023 will be given priority.

MIT is an equal employment opportunity employer. We value diversity and strongly encourage applications from individuals from all identities and backgrounds. All qualified applicants will receive equitable consideration for employment based on their experience and qualifications, and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, pregnancy, religion, disability, age, genetic information, veteran status, or national or ethnic origin. See MIT's full policy on nondiscrimination at <https://policies.mit.edu/policies-procedures/90-relations-and-responsibilities-within-mit-community/93-nondiscrimination>.

<http://hr.mit.edu/careers>