RUTGERS–NEW BRUNSWICK
School of Engineering

RUTGERS SCHOOL OF ENGINEERING FACULTY OPPORTUNITIES

Join a Community of Innovators Shaping the Future of Engineering

Rutgers University–New Brunswick's **School of Engineering** invites applications for multiple **faculty positions** across all ranks and areas of expertise. The School of Engineering includes seven academic departments and 10 engineering majors, offering exceptional opportunities for interdisciplinary collaboration and innovation. We seek outstanding scholars whose work advances one or more of our strategic priority areas: **Physical and Virtual Infrastructure, Healthcare Technology, Innovations in Energy, Defense and National Security,** and Experiential Learning and Professional Education

Appointments may be made in **one or more engineering departments** based on the candidate's expertise and interests. While most positions are expected to be at the **assistant professor** level (tenure-track and teaching), consideration will also be given to more senior-level appointments, and all qualified candidates are encouraged to apply.

MATERIAL SCIENCE & ENGINEERING OPENING

Rutgers University-New Brunswick (RU-NB) invites applications for a tenure-track position at the level of Assistant Professor in one or more of the following areas: Sustainable materials, biomaterials, photonics, multiscale modeling.

Position Description

The Materials Science & Engineering (MSE) Department will consider individuals with demonstrated expertise in synthesis, processing and manufacturing of functional materials, optical materials, and energy materials, and computational materials science. Priority will be given to candidates with research activities investigating powder synthesis, thin films, sustainable materials, additive manufacturing, materials for extreme environments, photonics, and materials characterization.

Successful candidates will join a dedicated group of faculty members advancing the frontiers of science and technology, supported by advanced experimental capabilities. The successful applicant will be required to teach, advise and mentor undergraduate and graduate students, develop an independent, externally funded research program, participate in all aspects of the Department's activities, and serve the profession.

MSE has a long history at Rutgers, with strong ties to industry, and a reputation for innovation and entrepreneurship. Currently there are 13 full-time faculty offering an ABET accredited Bachelor's degree. The Graduate Faculty includes an additional 10 members in other engineering fields and science departments in New Brunswick and Camden. The undergraduate student enrollment is approximately 100 (sophomore, junior, and seniors), and the graduate enrollment is about 60 graduate students (including 4+1 MS, MS, PhD). Several MOU's have been signed recently with outstanding international universities for the 4+1 MS program. Applicants are encouraged to consult the Department's website to review our academic and research programs (http://mse.rutgers.edu)

Qualifications

We seek outstanding candidates whose research and teaching interests lie broadly in experimental and computational materials science and engineering, with applications in advanced manufacturing, energy, infrastructure systems, and security and resilience. In addition, the candidate is expected to contribute to curriculum development in these areas, engage in collaborative, interdisciplinary research across Rutgers and with external partners.

Qualifications include a Ph.D. in Materials Science & Engineering, or a closely related discipline, completed by the time of appointment. Candidates are expected to have demonstrated excellence in research, potential for or record of external funding, and a strong commitment to teaching and student success.

Application Instructions

Applicants should submit:

1. A cover letter
2. Curriculum Vitae
3. A research statement (max. 2 pages)
4. A teaching statement (max. 2 pages)
5. A list of 3–5 references with contact information

Applications for this position should be submitted online at:

https://jobs.rutgers.edu/postings/265112

Rutgers, The State University of New Jersey, is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability, or protected veteran status. Review of applications will begin on **February 1, 2026** and continue until the position is filled.

About Rutgers Materials Science & Engineering

The Department of Materials Science & Engineering (MSE) at Rutgers is a constantly transforming department with research strengths in sustainable materials, critical materials, biomaterials, photonics, and multiscale modeling. MSE houses well-maintained laboratories in scanning electron microscopy and vibrational spectroscopies, and several major research and education centers focused in critical areas, including energy storage, optical composites, lightweight armor and computational materials science. Our faculty members represent a richness of talent, curiosity, and vision. Undergraduate and graduate students are active participants in cutting edge projects. Funding for faculty research is provided by federal and state agencies, foundations, as well as regional, national and multinational industries. These include the National Science Foundation (NSF), Office of Naval Research (ONR), Defense Advanced Research Projects Agency (DARPA), Department of Energy (DOE), North American Treaty Organization (NATO), and Army Research Laboratory (ARL).

More information is available at https://mse.rutgers.edu.

About Rutgers School of Engineering

Rutgers University–New Brunswick's School of Engineering is home to educational opportunity and innovation, preparing a richly diversified body of more than 5,000 undergraduate and graduate students with the ability to solve problems, make meaningful societal advances, lead through innovation, and excel in the global workplace. Ranked among the leading engineering programs in the nation, the school is centrally located in the Northeast Corridor amid a powerhouse of industrial, pharmaceutical, high-tech, transportation, and financial industries, providing professional and research opportunities. With seven academic departments and 10 engineering majors, Rutgers Engineering is also home to 200 highly skilled faculty members and nationally recognized research focusing on areas such as wireless communication, advanced infrastructure and transportation, pharmaceutical engineering, national security, and energy storage. Learn more at soe.rutgers.edu.

About Rutgers, The State University of New Jersey

Rutgers, The State University of New Jersey, stands among America's highest-ranked, most diverse public research universities with main campuses in New Brunswick, Newark, and Camden. The university offers over 150 undergraduate majors and a wide range of graduate, professional, and online programs, with a strong focus on research and innovation. Rutgers is an academic, health, and research powerhouse and a university of opportunity.