



ASSISTANT/ASSOCIATE/ FULL PROFESSOR

**Materials Science and Engineering
North Carolina State University**

The Department of Materials Science and Engineering (MSE) at North Carolina State University seeks applications/nominations for new faculty at the rank of Assistant Professor, Associate Professor, or Full Professor (tenure/tenure-track). The Department of MSE is recognized as one of the premier national and international academic and research programs. The Department contains 27 tenure/tenure-track faculty members, 2 teaching faculty and 11 research staff, 20 postdoctoral fellows, and about 300 graduate and undergraduate students. The faculty perform cutting-edge research in diverse areas of materials research, including electronic, dielectric, optical, magnetic, and structural materials, metallurgy, nanoscience/nanotechnology, soft matter, biological materials, structural characterization, and computational materials. Shared research facilities, including the Analytical Instrumentation and Nanofabrication Facilities, provide state-of-the-art infrastructure to propel materials research on campus. MSE faculty participate in a variety of interdisciplinary and interinstitutional centers, such as NSF Advanced Self-Powered Systems of Integrated Sensors and Technologies (ASSIST) Nanosystems Engineering Research Center, NSF Research Triangle MRSEC, NSF Research Triangle Nanotechnology Network (RTNN), PowerAmerica, and NSF Center for Dielectrics and Piezoelectric (CDP). For more information, visit www.mse.ncsu.edu.

Outstanding candidates with expertise in all areas of materials science and engineering will be considered, and candidates with experimental expertise in the following areas are of particular interest:

- Electronic and optical materials
- Nanomaterials and materials chemistry
- Composite and ceramic materials
- Soft and responsive materials
- Materials electrochemistry and corrosion
- Materials for energy harvesting and healthcare monitoring
- Other emerging areas of materials science and engineering

There is a strong preference for applicants who integrate with the MSE faculty to create highly collaborative and interdisciplinary research teams. Junior candidates are expected to assume a clear trajectory toward national and international leadership in their respective fields, while senior candidates should have evidence of leading large-scale collaborations, centers, or strategic initiatives. A PhD in MSE or a related discipline at the time of appointment and the ability to teach at the undergraduate and graduate levels in MSE is required. Screening of applicants will begin immediately and continue until the position is filled. Applications received by December 2 will receive full consideration.

NC State is uniquely situated in the Research Triangle Region of North Carolina and is in close proximity to two other major research universities, Research Triangle Park, several smaller universities, and state and federal government agencies. Raleigh is routinely ranked among the top places to live in United States.

All nominations and applications should be submitted electronically via www.jobs.ncsu.edu, position number 00105080 (<https://jobs.ncsu.edu/postings/75174>). Specific information about the positions can be obtained via e-mail to yara_yingling@ncsu.edu.

All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call (919) 515-3148.
