

Wilson College of Textiles Assistant/Associate Professor
North Carolina State University

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Posted Sep. 16, 2024, set to expire Jan. 18, 2025

Job Title	Wilson College of Textiles Assistant/Associate Professor
Department	Textiles Engineering, Chemistry and Science https://textiles.ncsu.edu/tecs/
Institution	North Carolina State University Raleigh, North Carolina
Date Posted	Sep. 16, 2024
Application Deadline	Open until filled
Position Start Date	Fall 2025
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Textile Engineering Sustainable Engineering Polymer Science
Apply Online Here	https://jobs.ncsu.edu/postings/207508
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Job Description	

For more than 120 years, the Wilson College of Textiles has developed a reputation for exceptional education, innovative research and productive industry partnerships. While we take pride in that legacy, we continue to set higher standards and new goals.

That means establishing sustainability as the foundation of everything we do. It means updating the cutting edge technology used in our state-of-the-art labs and studios. It means a commitment to diversity and inclusion in our culture and equity in the opportunities we provide. Put simply, it means

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using our textiles expertise to improve quality of life for everyone.

We produce leaders who make a difference both at home in North Carolina and across the world. Students land top jobs in manufacturing, fashion, athletics, research, medicine, academia and more. Our faculty count the CDC, DOD and the NSF as regular research partners.

The Wilson College provides both the community feel of a small college and the resources of NC State University, a leading land-grant public research institution and recognized as one of the best [employers](#) in the state. Not to mention, it's located in the heart of Raleigh, North Carolina, which U.S. News and World Report named the [sixth best American city](#) to live in.

At NC State, our employee value proposition aims to create an ecosystem of meaningful work opportunities that align with [Wolfpack 2030: Powering the Extraordinary](#), NC State's strategic plan. We strive to provide an accepting and dynamic culture, opportunities for personal growth and professional development, and programs to support your busy life. Simply put, we want you to achieve your highest potential at work.

If you're a world-class applicant with a passion for higher education and a commitment to affecting positive change locally and globally, apply to become a part of our hyper-collaborative Wolfpack where everyone [belongs](#).

The Department of Textile Engineering, Chemistry and Science (TECS) at NC State University is seeking dynamic and talented candidates for a tenure track faculty position at the assistant or associate professor level with a preference given to candidates with a strong affinity to textiles-based research with topics ranging from fibers to end-products, either basic or applied (industry-oriented) research. The successful candidate is expected to teach polymer, fiber, and textiles engineering courses in the [Textile Engineering](#) (TE) undergraduate and/or graduate programs, and fiber and polymer engineering and science courses in the [Fiber and Polymer Science](#) (FPS) graduate programs, as well as establish a robust research program with a focus on fibers or textile engineering.

A typical faculty load in TECS is 45% research, 45% teaching, and 10% service:

- **Teaching:** The TECS Department seeks enthusiastic instructors who have strong passion for teaching in textiles, textile engineering and fiber and polymer science. The successful candidate is expected to be creative, dynamic and effective in engaging students in the classroom coupled with a student-centered learning approach. The primary teaching responsibilities would be on textile engineering, fiber and textile science courses in alignment with the TE and FPS courses. Furthermore, the successful candidate is encouraged to develop new courses with a focus on

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sustainability, textiles and fibers related to the textile industry.

- **Research:** The TECS Department seeks prolific scholars who can demonstrate strong potential for establishing and sustaining a robust and world renowned research program. The successful candidate will be expected to secure internal and extramural funding and to disseminate research findings in top tier peer-reviewed journals as well as conferences at the local, national, and international levels. Preferences will be given to candidates who have strong scholarly research records in fibers and textiles, recycling and/or sustainability related to the textile industry.
- **Service:** Individuals must be proactive and enthusiastic about actively recruiting and retaining TECS undergraduate and graduate students, with a commitment to improving access to higher education for students. In addition, TECS expects active service on departmental, college, and university committees and involvement in professional societies and organizations

Required Education, Experience and Skills:

- At the time of hire, the successful candidate must have earned a doctoral degree from an accredited university in Fiber, Polymer and Science, Textile Technology, Textile Engineering, Textile Science, or a related field.
- Demonstrated potential for both teaching and research in textile engineering and polymer science or a related area.
- Enthusiasm for mentoring and advising students at both the undergraduate and graduate levels.
- Ability to communicate research findings in peer-reviewed journals and at technical conferences and/or other scholarly sources.
- The potential to secure extramural funding for research.
- Collaborative skills in research and for industry outreach.

Preferred Qualifications:

- Experience working with textile companies or within the textile complex.
- Research expertise in textile science and engineering.
- Successful teaching at undergraduate and/or graduate levels.
- Established publication record in peer reviewed journals.
- Undergraduate degree in the textile sciences, textile technology or textile engineering.

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NC State University is an equal opportunity and affirmative action employer. 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 are welcome to contact 919-515-3148 to speak with a representative at the Office of Institutional Equity and Diversity.

If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu.

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit.

NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Wilson College Office of Human Resources
North Carolina State University
2721 Sullivan Drive
Campus Box 7212
Raleigh, NC 27695

Contact E-mail textiles-hr@ncsu.edu