



Assistant Professor in Mathematics Education

The Department of Science, Technology, Engineering, and Mathematics (STEM) Education seeks a dynamic scholar for an Assistant Professor position in Mathematics Education.

About the Program

The Department of STEM Education emphasizes exemplary teaching, scholarship, and service in the context of a university education. With a primary emphasis on improving schools and society, the Department prepares quality educators for middle, secondary, and post-secondary school science, technology, engineering, mathematics statistics, graphic communications, as well as educators who work and study learning in informal STEM settings. The Department offers programs preparing professionals for leadership at master's and doctoral levels. Specifically there are six undergraduate tracks in secondary mathematics education, including double degrees with mathematics and statistics. At the graduate level, we have a M.S. and Ph.D. in mathematics and statistics education, online master's degrees (M.Ed. and M.A.T.) and a 12-hour graduate certificate program. We are consistently ranked as a top producer of doctoral graduates in mathematics education and lead NC in producing high school mathematics teachers.

Position Details

We desire a colleague who addresses important challenges that face students, teachers, and schools/colleges, and conducts research related to teaching and learning of mathematics at upper secondary and post-secondary levels. The candidate's research may focus on: 1) the learning and teaching of specific advanced mathematics or statistics content (e.g., calculus, linear algebra, abstract algebra, geometry, proofs, probability, statistics and data science); 2) preparation of teachers for secondary and post-secondary contexts and diverse communities; 3) design of innovative curricula, tools, and assessments; or 4) examining ways to promote student success to increase the number and diversity of students who pursue careers in STEM. Responsibilities include: Teaching preservice teachers in secondary mathematics teacher preparation programs; teaching courses in master's and Ph.D. programs, including mathematics courses for teachers and interdisciplinary and methodology courses at the doctoral level; conducting and publishing research on teaching and learning in upper secondary and/or undergraduate mathematics education; recruiting, advising, and mentoring undergraduate, masters, and doctoral students; pursuing and obtaining external funding for research and development activities; providing service and leadership to the program area, department, college, university, and professional organizations; participating in outreach and extension activities, especially in low-wealth communities; and collaborate with faculty across the university.

Required Qualifications

Candidates must have a doctoral degree in Mathematics Education or related field; teaching experience in mathematics or statistics in grades 9-16; a record of scholarship and external funding commensurate with experience; a demonstrated commitment to anti-racism, diversity, social justice, and collaboration.

Application Process

Application materials should include a letter of interest, curriculum vita, research statement, teaching statement, and names and contact information for three references. General inquiries can be sent directly to Dr. Hollylynne Lee, Search Committee Chair, at hollylynne@ncsu.edu.

More Information

To read the full job description and to apply, visit: <http://jobs.ncsu.edu/postings/133736>.

About the NC State College of Education

The NC State College of Education leads the way in North Carolina in preparing professionals, conducting research, and engaging communities to improve educational outcomes for all learners across the state and beyond. With two-thirds of its faculty grant active and over 120 funded research projects totaling over \$90-plus million, the college ranks No. 1 in education research productivity in North Carolina and among the Top 5% of colleges of education in the nation. They address society's most pressing educational challenges and convert their research to action and innovative solutions that transform teaching and learning environments across the lifespan, with particular strengths in improving technology-enhanced learning and teaching in STEM education and literacy; anti-racism education, increasing diversity, equity and access in education; and innovating leadership development.

The college is composed of three academic departments: Educational Leadership, Policy, and Human Development; Science, Technology, Engineering, and Mathematics (STEM) Education; and Teacher Education and Learning Sciences, with approximately 124 faculty members and 92 support and professional staff. The college's 1,700 undergraduate and graduate students study across 60-plus degree programs that deliver highly-engaged and personalized academic experiences that prepare them to lead in the field of education. The college is also home to the Friday Institute for Educational Innovation and the Belk Center for Community College Leadership and Research.

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. If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree equivalency verified at www.wes.org or equivalent service. 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.

As a research powerhouse grounded in its land-grant mission,
the NC State College of Education is a state, national and global leader in education.



#1 In Funded Education
Research in N.C.



#35 Public College of
Education in the U.S.



#92 Ranked College of
Education in the World

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