

Assistant/Associate Professor Position in Mathematics Education

Primary Function of Organizational Unit	<p>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 engaged in over 120 funded research projects, the college ranks No. 1 in education research productivity in North Carolina and among the Top 8 percent of public colleges of education in the nation. Faculty 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; increasing diversity, equity and access in education; and innovating leadership development.</p> <p>The college is composed of three academic departments: Educational Leadership, Policy, and Human Development; Science, Technology, Engineering, and Mathematics Education; and Teacher Education and Learning Sciences, with approximately 100 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 Department of Science, Technology, Engineering, and Mathematics (STEM) Education emphasizes exemplary teaching, scholarship, and service. With a primary emphasis on improving schools and society, the department prepares quality educators for middle, secondary, and post-secondary school science, technology, engineering, and mathematics. The department offers programs preparing professionals for leadership at master's and doctoral levels. We desire a forward-thinking scholar who generates knowledge and solutions to address challenges facing students and teachers. Successful candidates will collaborate in interdisciplinary research and have the ability to obtain external funding to support research and graduate students.</p>
Essential Job Duties	<p>The Department of Science, Technology, Engineering, & Mathematics (STEM) Education in the College of Education at NC State invites applications for an Assistant/Associate Professor in Mathematics Education to perform the following essential job duties.</p> <ul style="list-style-type: none">• Continue a program of well-established and focused research and publication related to critical issues in mathematics education.• Pursue and obtain external funding for research and development activities.• Teach undergraduate middle and secondary mathematics teacher preparation courses. Teach graduate courses in master's and PhD programs, including interdisciplinary and methodology courses at the doctoral level in STEM Education and in the College of Education.• Advise undergraduate and graduate students.• Recruit and mentor graduate students in research.• Provide outreach and service for Department and College initiatives, especially for underserved communities and high needs areas.• Provide service and leadership to the program area, department, college, university, and professional organizations.• Participate in outreach and engagement activities.• Collaborate with faculty within the college and across the university.
Other Work/Responsibilities	<p>Teach undergraduate middle and secondary mathematics teacher preparation courses. Teach graduate courses in Master's and PhD programs, including interdisciplinary and methodology courses at the doctoral level in STEM Education and in the College of Education. Conduct and</p>

	<p>publish research related to curriculum, technology, and equity in mathematics education. Advise undergraduate and graduate students. Recruit and mentor graduate students in research. Provide outreach and service for Department and College initiatives for underserved communities and high needs areas. Pursue and obtain external funding for research and development activities. Continue a program of well-established and focused research and related publications. Provide service and leadership to the program area, department, college, university, and professional organizations, participate in outreach and engagement, and collaborate with faculty within the college and across the university.</p>
<p>Minimum Education/Experience</p>	<ul style="list-style-type: none"> • PhD or EdD in Mathematics Education or a closely related field. • Experiences with K-12 students. • Successful record of publications and external funding in Mathematics Education commensurate with rank.
<p>Departmental Required Skills</p>	<p>A commitment to diversity, social justice, and collaboration. Scholarship and successful record of external funding in Mathematics Education commensurate with rank.</p>
<p>Preferred Experience, Skills, Training/Education</p>	<ul style="list-style-type: none"> • Experience teaching in a teacher education program and/or a mathematics department that includes teacher preparation. • Research emphasis in middle schools, equity, preservice education, or policy issues. • Three or more years of teaching experience at the K-12 level.
<p>Special Instructions</p>	<p>Please submit 1) a letter of interest that includes a description of your research foci, teaching philosophy, and commitment to equity and social justice, 2) curriculum vita, 3) names and contact information for three references. Review of candidates will begin November 26, 2018 and continue until the position is filled, with a projected start date of August 16, 2019. To complete the application process please visit http://jobs.ncsu.edu/postings/107568. Address questions to Karen Hollebrands, Chair of the search committee at kfholleb@ncsu.edu.</p>