

The College of Education at North Carolina State University is a voice of innovation for learning across the lifespan, preparing professionals who educate and lead. Our inquiry and practice reflect integrity, a commitment to social justice, and the value of diversity in a global community. The vision of the College of Education is to lead the way in North Carolina to increase success in education and narrow achievement gaps. Consistent with NC State's land grant mission, we transform lives by emphasizing real world experiences through original research opportunities, comprehensive extension, and engagement activities and external partnerships. The College enrolls more than 1,500 undergraduate and graduate students. Our 122 faculty members together with our Friday Institute for Educational Innovation currently have more than \$57 million in active research and development grants.

The Science, Technology, Engineering, and Mathematics (STEM) Education Department 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, mathematics, graphic communications, and informal settings. In addition, the Department offers minors, including Technology, Engineering, and Education licensure track and a Technical Graphic Communications track for industry. The Department offers programs preparing professionals for leadership at master's and doctoral levels.

The STEM Education Department invites applications for an Assistant Professor in Curriculum, Technology, and Equity in Mathematics Education. We desire a forward-thinking scholar who addresses challenges facing students and teachers in providing fair and effective access to new models for digital curricular delivery that serve the needs of all students. This scholar will engage in one or more of these three facets of work: curriculum, technology, and equity. Preference will be given to candidates who show evidence of a curricular focus, such as algebraic reasoning. We seek a future colleague who has demonstrated a commitment to advance diversity and inclusion in research and teaching and engage with underserved and marginalized communities. The successful candidates will collaborate in interdisciplinary research and have the ability to obtain external funding to support research and graduate students.

Duties

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 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.

Minimum Requirements

PhD, EdD, an equivalent degree, or equivalent professional experience in Mathematics Education and teaching experience at the K-12 level. A commitment to diversity, social justice, and collaboration. Scholarship and successful record of external funding in Mathematics Education commensurate with rank.

Preferred Experience

Experience teaching in a teacher education program and/or a mathematics department which trains teachers and a minimum of three years teaching experience at the K-12 level are preferred.

Application Materials

Please submit a letter of interest along with a curriculum vita and names and contact information for three references. Review of candidates will begin October 31, 2017 and continue until the position is filled, with a projected start date of August 16, 2018.

To complete the application process please visit <https://jobs.ncsu.edu/postings/90772>. Address questions to Dr. Karen Hollebrands, Professor and Chair of the search at karen_hollebrands@ncsu.edu

General Information

The Department of STEM Education has approximately 200 undergraduates and more than 140 graduate students in masters and doctoral programs. Faculty in STEM Education currently direct approximately \$15 million in sponsored projects. STEM Education is one of three departments in the College of Education and has close ties with other units in mathematics, engineering, computer science and science. NC State is a land grant institution with Carnegie Foundation status of RU/VH (Research University/very high research activity) serving more than 30,000 students. Please see <http://ced.ncsu.edu/stem> for more information about the department.

NC State is located in Raleigh, NC at the heart of the Research Triangle. This region has a mild climate, major universities, close proximity to Research Triangle Park, SAS Institute and other major intellectual and cultural resources. The region boasts an active corporate community interested in education, particularly in STEM fields, and allows for easy access to the beaches and mountains of North Carolina. Wake County is home to a nationally recognized school system.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration without regard to race, color, national origin, religion, sex, age, veteran status, or disability. In addition, NC State welcomes all persons without regard to sexual orientation or genetic information. Persons with disabilities requiring accommodations in the application and interview process please call [\(919\) 515-3148](tel:9195153148). 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 verified at www.wes.org. Degree must be obtained prior to start date. 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.