

Assistant Professor in STEM (Mathematics) Education (Tenure Track)
Theory and Practice in Teacher Education
College of Education, Health, and Human Science
The University of Tennessee, Knoxville

The Department of Theory and Practice in Teacher Education (TPTE) in the College of Education, Health and Human Sciences at The University of Tennessee seeks a dynamic scholar for a full-time (9-month), tenure-track assistant professor position in STEM education with expertise in mathematics education.

About the Program

The University of Tennessee is a doctoral institution with very high research activity and considerable emphasis on community engagement. With a primary goal of advancing equity through excellence in education, the Department of TPTE prepares quality teachers, educators, and education researchers to serve local, regional, national, and global communities in elementary, middle grades, and secondary education and special education. At the graduate level, we offer master's, education specialist, and doctoral degrees, along with several graduate certificate programs, including STEM education leadership and social justice education. Our STEM education programs are led by five tenure-track/tenured faculty and five full-time clinical faculty with expertise in mathematics education, science education, and educational technology or computer science education spanning PreK-12. Our STEM education faculty have unique opportunities to work with the Center for Enhancing Education in Mathematics and Science (CEEMS) and the East TN Stem Hub to develop collaborations across colleges and departments, school districts, and community organizations to enhance PreK-16 STEM education and support community-engaged scholarship.

Position Details

We desire a new colleague who engages in substantial research to address important challenges facing students, teachers, schools, and communities in PreK-12 mathematics education. The candidate's research may focus on: 1) the role of mathematics teaching and learning within STEM integration efforts in PreK-12 schools; 2) the influence of social, cultural, and political dimensions on mathematics teaching and learning; 3) the preparation of elementary, middle, or secondary teachers for mathematics teaching in racially/ethnically/linguistically diverse contexts or rural schools; 4) the design of innovative curricula, technological tools, or assessments in mathematics or STEM education. Responsibilities include: teaching preservice teachers in elementary mathematics education courses; teaching courses in master's and Ph.D. programs, including courses related to the STEM education leadership program; recruiting, advising, and mentoring undergraduate and graduate students; conducting and publishing research on PreK-12 mathematics or STEM education; pursuing and obtaining external funding to build a strong research agenda; working cooperatively and developing relationships with other University departments and organizations related to STEM education; providing service and leadership in STEM education programs; and participating in STEM education outreach and engagement activities.

Qualifications

Candidates must have a doctoral degree in Mathematics Education, or a related field, by August 2022; three or more years of teaching experience in K-12 schools; a record of scholarship and external funding commensurate with experience; and a demonstrated commitment to anti-racism, social justice, and collaboration. In addition, applicants must demonstrate an ability to situate their knowledge of the current landscape of mathematics education, including standards, key challenges, and future directions, in a social (cultural, historical, political) context. Preference will be given to candidates with experience teaching across PreK-12 mathematics education coursework as part of university teacher preparation or with experience doing research at the intersections of mathematics and engineering education.

Application Process

Interested applicants should submit: 1) a letter of interest outlining their research program and teaching experience; 2) curriculum vita; and 3) the names and contact information for three references. Application materials should be submitted electronically via the Interfolio portal to apply.interfolio.com/90123. General inquiries can be sent directly to Dr. Frances K. Harper, Search Committee Chair, at francesharper@utk.edu.

Review of materials will begin on September 01, 2021 and continue until the position is filled. The position is available beginning Fall Semester, 2022. For more information about the College of Education, Health, and Human Sciences, please visit <http://cehhs.utk.edu/>

EEO/AA Statement /Non-Discrimination Statement All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status. Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University.

Inquiries and charges of violation of Title VI (race, color, national origin), Title IX (sex), Section 504 (disability), A.D.A. (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498 (V/TTY available) or 974-2440. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.