

Texas Tech University College of Education
Department of Curriculum and Instruction
STEM Education
Position Announcement

POSITION: The Department of Curriculum and Instruction at Texas Tech University seeks a STEM education assistant professor, preferably with expertise in informal or engineering education, for a tenure track position to begin in August 2016. Summer employment is possible. A start date of January or June 2016 is possible.

The College of Education at Texas Tech University is recognized as an emerging national leader in high-quality and innovative educator preparation. We are growing rapidly as we recruit gifted and entrepreneurial faculty that are committed to results-based education enacted in multiple ways with the schools, agencies and communities that we serve across Texas and the nation. The work of the College is deeply rooted in authentic partnerships that provide guidance in producing the measurably best educators and providing services that add significant value to those we serve.

DISTINCTIVE CHARACTERISTICS OF INDIVIDUAL SOUGHT: We seek to attract an educator in any STEM field qualified to assume a major role in our master's and doctoral STEM programs and funded projects in collaboration with teams and individuals in the College of Education, other Texas Tech departments, centers and K-12 schools. **We seek a faculty member who will commit to our online and campus STEM graduate programs and to the overall goal of developing professionals with competencies that measurably impact K-12 school success and student achievement.** The College collaborates extensively with school districts and other agencies and expects faculty members to engage in these collaborative activities. **Preference will be given to STEM educators who have experience working on a research team and a research agenda that focuses on research questions consistent with Texas Tech's STEM education doctoral degree.**

QUALIFICATIONS: Candidates must have:

- a doctorate in an area of STEM education or a related field by their start date for the position,
- informal or formal K-12 STEM teaching experience,
- an active research agenda in STEM education, and
- a record of job-related, elected or non-elected leadership in STEM education.

We prefer candidates with one or more of the following qualifications:

- three years' experience in informal or engineering education,
- three or more years K-12 teaching experience in engineering or informal education,
- expertise in quantitative and/or mixed methods research,
- experience working on a research team and a research agenda that focuses on research questions consistent with Texas Tech's STEM education doctoral degree's outcomes of global STEM educator and pragmatic STEM education researcher,
- experience teaching at the college level or in a school-based professional development program,
- experience teaching collegiate courses at a distance, particularly in the STEM education field,
- publication in refereed journals, especially in the STEM education field,
- experience in collaborating with K-16 educators,
- involvement and contributions to professional STEM education organizations,
- leadership and collaborative experience in a K-16 and community setting.

RESPONSIBILITIES AND OPPORTUNITIES: Responsibilities include:

- teaching doctoral courses and leading student research, especially in informal education, engineering education and/or using quantitative or mixed methods in Texas Tech's (mostly) online PhD in Curriculum and Instruction with specialization in STEM education program designed to produce STEM educators who are pragmatic researchers and facilitators of K-12 global STEM education,
- collaborating with other STEM educators to bring the same level of focus to the campus STEM education doctoral program and building and teaching in that program,
- carrying out a vibrant research agenda consistent with the STEM education doctoral program's emphasis on pragmatic research and global education,
- developing a strong master's focused on STEM education that especially responds to the needs of K-12 teachers seeking to improve their instruction,
- advising and mentoring STEM graduate students all the way to completion of their doctorate.
- being actively involved in the College's continuous and dynamic reform agenda.
- providing service to the institution, schools and profession, and
- pursuing external funding in support of research and/or professional development.

APPLICATION: Review of completed applications begins immediately and will continue until the position is filled. Please submit application materials on-line on the TTU Personnel Employment website: <http://www.texastech.edu/careers/>. Requisition # 5405BR. Please attach to your application: (1) a letter of interest outlining required and preferred qualifications and (2) a vita that is attuned to the required and preferred qualifications and includes three names of references with needed contact information. For additional information, please contact Dr. Walter S. Smith, Search Chair, at walter.smith@ttu.edu or 806/834-3799.

Texas Tech University is an Affirmative Action/Equal Opportunity Employer. We strongly encourage applications from women, minorities, persons with disabilities, veterans, and we consider the needs of dual-career couples. As an Affirmative Action/Equal Opportunity Employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment.