



**TEACHING, LEARNING
& CULTURE**
TEXAS A&M UNIVERSITY

**Clinical Assistant or Clinical Associate Professor STEM Education
Texas A&M University McAllen Higher Education Center**

Texas A&M University is home to over 70,000 students and is one of the top universities in enrollment of new National Merit Scholars. Texas A&M University conducts research valued at more than \$1.131 billion in FY 21, placing it among the top 20 universities nationally and consistently ranking in the top tier of research institutions by the National Science Foundation. With an endowment valued at more than \$17 billion, the university ranks fourth among U.S. public universities. Texas A&M University is a member of the prestigious Association of American Universities and is home to one of the largest chapters of Phi Beta Kappa.

True to the Morrill Land-Grant Act and mission signed by Abraham Lincoln in 1862 “to educate people...” the Department of Teaching, Learning, and Culture has evolved to become the epicenter of excellence in advancing pedagogy and educational research across multiple educational contexts in undergraduate and graduate education. We are a world-class faculty with focused research interests spanning technology and teacher education, advanced literacy studies, science, technology, engineering and math education (STEM), multicultural education and K-12 educator preparation. The department is the number one producer of math, science, English and language arts teachers in higher education institutions in Texas. We continue to lead in teacher preparation by cooperating with the Colleges of Liberal Arts, Science and Engineering to produce the next generation of inventive and highly effective teachers.

We seek a vibrant and inventive colleague to join our dynamic faculty and become a thought leader in the scholarship of teaching and learning in STEM Education applied to the preparation of the generation of STEM teachers for middle grade and secondary schools. The Department of Teaching, Learning, and Culture has adopted and is dedicated to three primary commitments that drive all of our work:

- advancing a department climate that is characterized by collaboration, collegiality, trust, respect, safety, celebration, and the valuing of individual differences;
- having a central mission to create experiences that advance teaching, research and service through the application of knowledge in the preparation and development of quality educators; placing high value on, diversity, equity, inclusion, critical thinking, creativity, democratic governance, and leadership; and
- transforming individuals, schools, and society with a global view through our engaged scholarship, reflective teaching, and collaborative service.

We invite applications for a Clinical Assistant or Clinical Associate Professor to help support our expansion of STEM education teacher preparation to the TAMU McAllen Higher Education Center located in McAllen, Texas, to begin in the 2022-2023 academic

year. In addition to teaching science, technology, engineering, or mathematics (STEM) educator courses at the undergraduate and graduate level, this faculty role will be leading the 7-12 teacher certification program in collaboration with the College of Engineering certifying teachers in 7-12 physical science, mathematics, and engineering.

<https://engineering.tamu.edu/etid/mxet/overview.html>. Second, this pioneering faculty member will initiate the implementation of our middle grades math/science teacher certification program and supervise its growth. <https://tlac.tamu.edu/academics/middle-grades-4-8-mathscience/>

Qualifications Required:

- An earned doctorate in education with a depth of study and research in STEM education or a closely related field is required (e.g., science education, engineering education, mathematics education, or technology and teacher education). ABDs are eligible to apply but must include a letter from the thesis advisor indicating completion of degree by August 15, 2022;
- Experience in teaching courses that address content within the scope of the STEM standards for students, educators, education leaders;
- Evidence of the application of high impact learning practices in teaching;
- Application and integration of evidence-based teaching practices in teacher education responsive to diverse, highly impacted and underrepresented student populations;
- Teaching experience, preferably in highly diverse 4-12 STEM settings;
- Evidence of commitment to diversity and engagement in professional leadership activities.

Preferred Qualifications:

- Program development or leadership experience in middle grade or high school STEM teacher education, curriculum and instruction;
- Experience teaching middle grade or high school pre-service or in-service teachers' evidence-based practices in STEM, particularly for students in urban environments and/or at-risk for academic difficulties;
- Experience or research in supporting an understanding of the integrated nature of STEM;
- Experience or research in providing access for all students, particularly those from diverse backgrounds, to quality STEM education;
- Experience working across departments in the preparation of secondary STEM teachers;
- Prior academic scholarship (e.g., publications and research presentations);
- Experience teaching across multiple formats (e.g., face-to-face, hybrid, on-line) and writing intensive courses;
- Evidence of effective post-secondary teaching experience;
- Engagement in service activities within an academic department.

Responsibilities: Clinical faculty positions have been an essential part of the department's mission and its differentiated staffing plan for over twelve years. Clinical faculty will typically assume an 80% teaching, 10% research, 10% service work load. Typically teaching

responsibilities include 12-semester hour (4 courses per semester). Part of this responsibility may include field observations, liaison and coordination efforts or other leadership roles as defined by the department. Academic workload adjustments are commonly made to accommodate administrative and leadership responsibilities associated with faculty appointments. Advising and serving on graduate student committees are also part of the clinical faculty's responsibilities. Additional service to the profession and scholarly involvement are valued, but service and scholarship expectations are adjusted within the context of teaching responsibilities of clinical faculty members.

Appointment: This is a nine-month appointment. The anticipated start date is August 15, 2022. Salary is competitive and commensurate with qualifications. Initial appointments are for three years, contingent upon satisfactory annual evaluations.

Application: The Department of Teaching, Learning, & Culture is committed to full inclusion of all individuals in our hiring, staffing, research, teaching, and service. The Department of Teaching, Learning, and Culture values diversity among its faculty, is committed to building a culturally diverse intellectual community, and strongly encourages applications and collaborations with all individuals, regardless of gender or gender identity, race or ethnic heritage, sexual orientation or identity, nationality, ability, religion, political philosophy, veteran status, or other unique personal characteristics. To apply, visit <http://apply.interfolio.com/91040>.

Application materials should include the following items:

- CV including list of courses taught and format, e.g. face-to-face, online, hybrid etc.;
- Cover letter;
- Teaching philosophy/statement and evidence of excellence in teaching, e.g. student course evaluation summaries etc.;
- Research statement;
- Contact information of three references;
- 2- 3 representative peer-reviewed publications or curricular instructional materials created and used in teaching.

Review Date: Review of applications will begin on November 1, 2021 and will continue until the position is filled. Priority will be given to those whose applications are received by November 1, 2021. Clarification questions can be sent to Ms. Tammy Reynolds at t-reynolds@tamu.edu.

Texas A&M University is a Land Grant/ Sea Grant / Space Grant, Research I institution that aspires to preeminence in teaching, research and service. Nationally, Texas A&M is ranked as a top research university and as a member of the Association of American Universities (AAU). Three departmental graduate programs are nationally known in Curriculum and Instruction. Elementary Education, Secondary Education, Interdisciplinary pre-service programs are noted for their innovation, interdepartmental collaboration, and the development of extensive partnerships with public schools. For more information check the department home page <http://tlac.tamu.edu>

Texas A&M University is an Affirmative Action / Equal Opportunity Employer committed to creating and maintaining a climate that affirms diversity of both persons and views, including differences in race, ethnicity, national origin, gender, age, socioeconomic background, sexual orientation, and disability. (More information can be obtained from the University and College website <http://www.tamu.edu>.)