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Dear Colleague,

The Department of Curriculum and Instruction at the University of Texas at Austin is pleased to announce a faculty opening for a tenure-track Assistant Professor in STEM Education with a focus in mathematics education (a focus at the elementary school level is desirable).

Currently, eleven faculty and staff are associated with STEM Education: Professors Flavio Azevedo, Maria Gonzalez-Howard, Eric Knuth, Tia Madkins, Jill Marshall, Anthony Petrosino, Catherine Riegle-Crumb, and Victor Sampson (STEM Education faculty); Professors Maura Borrego and Uri Treisman (affiliated STEM Education faculty); and Dr. Karisma Morton (post-doctoral fellow). Faculty research investigates a range of topics, including early algebra education; mathematical reasoning and proof; equity-focused STEM teaching and learning; scientific argumentation; gender and racial/ethnic inequality in STEM fields; engineering education; interest-based participation in STEM disciplines; and culturally and linguistically diverse students' engagement in scientific practices. In addition, the STEM Education program serves over 50 full-time graduate students. Further information about the STEM Education Program and its faculty can be found at: <https://education.utexas.edu/departments/curriculum-instruction/graduate-programs/stem-education>.

STEM Education faculty have a strong interdisciplinary research profile that includes numerous collaborations outside the Department of Curriculum and Instruction as well as the College of Education. There are also opportunities for collaboration with interdisciplinary centers, such as the STEM Center (<https://stemcenter.utexas.edu>), whose mission is to improve the teaching and learning of science, technology, engineering, and mathematics, and the Charles A. Dana Center (<http://www.utdanacenter.org>), whose work focuses on K-16 mathematics and science education with an emphasis on strategies for improving student engagement, motivation, persistence, and achievement.

The College of Education and the Department of Curriculum and Instruction are continually ranked among the top colleges and departments in the country (*US News and World Report*). In addition to the academic accolades, the city of Austin is often included in many "best of" lists, including: Best City to Live (*US News and World Report*), Best City for Jobs (*Forbes*), Top Places to Live (*Outside Magazine*), Top Foodie Cities (*US News and World Report*), Best College Sports Town (*Sports Illustrated*), and Best Bicycling City (*Bicycling Magazine*). The university's location in south central Texas also makes for convenient access to San Antonio (80 miles), Houston (165 miles), and Dallas (195 miles).

I hope that you will consider applying for the position or that you will circulate the attached position announcement among graduate students, post-doctoral fellows, or colleagues whom you think might be interested.

Sincerely,

*Eric Knuth*

Eric Knuth  
Search Committee Chair

### **Position Description**

The Department of Curriculum and Instruction at The University of Texas at Austin invites applications for a tenure-track Assistant Professor position in our STEM Education program with a focus in mathematics education (a focus at the elementary school level is desirable). We seek a talented scholar to join a faculty committed to innovative and socially responsive research and teaching. We are also interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching, research and service.

The successful candidate will join an active STEM Education faculty with a strong commitment to promoting equity in STEM education, field-based teacher education, and research that examines STEM teaching and learning. In addition to the College of Education, the STEM Education Program also partners with the College of Natural Sciences, including the nationally recognized teacher certification program UTeach (<https://uteach.utexas.edu>), and the Cockrell School of Engineering, as well as the STEM Center (<https://stemcenter.utexas.edu>) and the Charles A. Dana Center (<http://www.utdanacenter.org>).

### **Qualifications**

We seek candidates with the following qualifications:

- An earned doctorate in Mathematics Education or a related field expected by the start date.
- Demonstrated excellence or potential for excellence in research.
- K-12 teaching experience (at the elementary school level and with diverse populations is desirable).

### **Responsibilities**

Position responsibilities include the following:

- Teach graduate and undergraduate courses in STEM education.
- Provide leadership in the teacher certification program.
- Advise graduate and undergraduate students.
- Engage in an active program of research and scholarship.
- Provide service to the university, public, and profession.

### **Appointment**

The appointment is a nine-month, tenure-track position in the Department of Curriculum and Instruction. The position will begin August 2019.

### **Application Procedure**

Only electronic applications will be accepted via Interfolio (<https://apply.interfolio.com/55913>). For full consideration, submit the following materials **by November 18, 2018**:

- cover letter that addresses your qualifications and describes your areas of specialization in research and teaching;
- curriculum vita;
- two research publications (for recent doctoral students without research publications, a sample of the doctoral dissertation);
- a diversity statement; and
- the names and contact information of three references who can discuss your research and teaching (letters will be solicited from references of finalists).

Review of applications will begin November 19, 2018; applications will continue to be accepted until the position is filled. For questions, contact the Search Committee Chair, Professor Eric Knuth ([eric.knuth@austin.utexas.edu](mailto:eric.knuth@austin.utexas.edu)).