



Dear Colleague,

The STEM Center at The University of Texas at Austin is pleased to announce an opening for a Research Associate (Postdoctoral Fellow) position with a focus on program evaluation. We seek a talented scholar with a background in science, technology, engineering or mathematics (STEM) research to join our evaluation services team in designing and implementing quantitative and qualitative research and evaluation for a variety of STEM Center projects, research grants, and contracted evaluation services.

The successful candidate will join an active STEM Center (<https://stemcenter.utexas.edu>) committed to improving the teaching and learning of STEM, with opportunities to collaborate with faculty in the STEM Education program in the Department of Curriculum and Instruction. 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 Riegler-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 Center evaluation services collaborate with faculty and programs in the College of Education, Natural Sciences, Cockrell School of Engineering, and several other organizations.

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 circulate the attached position announcement among graduate students, postdoctoral fellows, or colleagues whom you think might be interested. Additional information on the Research Associate (Postdoctoral Fellow) position can be found at:

[https://utaustin.wd1.myworkdayjobs.com/en-US/UTstaff/job/UT-MAIN-CAMPUS/Postdoctoral-Fellow\\_R\\_00001083](https://utaustin.wd1.myworkdayjobs.com/en-US/UTstaff/job/UT-MAIN-CAMPUS/Postdoctoral-Fellow_R_00001083).

Sincerely,

Eric Knuth  
Professor of STEM Education  
Director of the STEM Center  
Elizabeth Shatto Massey Chair in Education



## The University of Texas at Austin STEM Center

### Research Associate (Postdoctoral Fellow) Position Announcement

#### Position Description

The STEM Center at The University of Texas at Austin invites applications for a Research Associate (Postdoctoral Fellow) position with a focus on program evaluation. We seek a talented scholar with a background in science, technology, engineering or mathematics (STEM) research to join our evaluation services team in designing and implementing quantitative and qualitative research and evaluation for a variety of STEM Center projects, research grants, and contracted evaluation services.

The successful candidate will join an active STEM Center (<https://stemcenter.utexas.edu>) committed to improving the teaching and learning of STEM, with opportunities to collaborate with faculty in the STEM Education program in the Department of Curriculum and Instruction, along with faculty and programs in the College of Education, Natural Sciences, Cockrell School of Engineering, and other organizations.

#### Qualifications

- Ph.D. in Mathematics or Science Education, Educational Psychology, or other STEM Education-related fields with a strong background in STEM research.
- Experience and/or coursework in program evaluation.
- Experience collaborating with a research team on quantitative and qualitative data collection.
- Proficient in statistical analysis software such as STATA, SPSS, R or SAS.
- Excellent written and verbal communication skills.

#### Responsibilities

- Design and conduct formative and summative evaluations of STEM education related projects.
- Assist collaborative partners with grant writing and research/evaluation design.
- Conduct quantitative and qualitative research and evaluation (e.g., survey and protocol design, data collection, content analysis, descriptive statistics, inferential statistics). Report data.
- Contribute to the research/evaluation team, collaborating with STEM Center faculty, staff, and graduate research assistants.
- Develop and submit research articles and presentations to disseminate research and evaluation results.

#### Appointment

The position is funded through evaluation services contracts and is expected to continue through August 31, 2021. The appointment will begin immediately once the position is filled.

#### Application Procedure

Only electronic applications will be accepted at: [https://utaustin.wd1.myworkdayjobs.com/en-US/UTstaff/job/UT-MAIN-CAMPUS/Postdoctoral-Fellow\\_R\\_00001083](https://utaustin.wd1.myworkdayjobs.com/en-US/UTstaff/job/UT-MAIN-CAMPUS/Postdoctoral-Fellow_R_00001083). Submit the following materials:

- A cover letter that addresses your qualifications and describes your areas of specialization;
- A curriculum vita; and,
- The names and contact information of three references

Review of applications will begin February 1, 2019; applications will continue to be accepted until the position is filled. For questions, contact the Search Committee Chair, Director of Evaluation Services Lisa Garbrecht ([lgarbrecht@utexas.edu](mailto:lgarbrecht@utexas.edu)).