



## **POSITION ANNOUNCEMENT**

### **DIRECTOR OF MATHEMATICS AND SCIENCE EDUCATION Ph.D. PROGRAM**

Middle Tennessee State University (MTSU) invites applications for a tenure-track (tenure upon appointment possible) faculty member with a national reputation of scholarship in mathematics education, biology education, chemical education, and/or science education who will direct the interdisciplinary Ph.D. program in Mathematics and Science Education (MSE). Start date for the position is August 1, 2018.

The MSE Ph.D. program at MTSU is a thriving, interdisciplinary program serving approximately 33 students with 30 faculty supporting the program in a collaborative effort between the College of Basic and Applied Sciences and the College of Education. Faculty are active in research and scholarship across the K-16 spectrum and in informal contexts. Opportunities for collaborations among the director, program faculty, and students are plentiful in this vibrant community of scholars. MTSU enjoys meaningful and longstanding relationship with teachers and administrators across Tennessee and has a deep commitment to improving the educational opportunities for all students. The MSE Ph.D. program is designed to prepare graduates for positions in colleges and universities where they will conduct discipline-based educational research and prepare America's next generation of K-12 mathematics and science teachers, as well as for leadership positions in a variety of educational settings. Concentrations for this degree are offered in **Biological Education**, **Chemical Education**, **Interdisciplinary Science Education**, and **Mathematics Education**. Students have research opportunities for collaborative projects with faculty and for externally funded assistantships. Graduates are required to develop substantial content mastery of mathematics and/or science; demonstrate an understanding of educational theories, research methodologies, and best practices; and conduct discipline-based educational research at the interface between the fields of education and mathematics or science. This program offers opportunities to improve the way K-16 science, technology, engineering, and mathematics (STEM) courses are taught.

To be considered for this position, a candidate must possess either a doctorate in mathematics education, science education, or a related disciplinary-based education research field or a doctorate in a mathematics or science discipline with evidence of significant scholarship related to education in that discipline. The successful candidate will have qualifications for rank of associate professor or professor; a record of funded research in mathematics, biology, chemistry, and/or science education; experience mentoring PhD students; and the ability to articulate a clear vision for directing and growing the MSE PhD program.

Candidates who possess the following will receive special consideration:

- Knowledge of and appreciation for a broad range of research and teaching traditions within the fields of mathematics and science education
- Documented experience leading/directing a graduate program
- Experience managing budgets
- An understanding of the integrated nature of STEM education along with its theoretical underpinnings and scholarship
- The ability to work and collaborate with diverse academic departments and stakeholders

Middle Tennessee State University, with an enrollment of more than 22,000 students, is located 30 miles southeast of Nashville. We are the number one choice for our state's transfer students, the number one provider of graduates to the Greater Nashville economy, and the number one choice for adults (ages 25 and up) seeking a four-year degree. Graduate programs supported by the College of Basic and Applied Sciences and the College of Education include master's and doctoral degrees. For more information about the university, visit our web site at <http://www.mtsu.edu>.

To apply for the position, go to <https://mtsujobs.mtsu.edu> and follow the instructions on how to complete an application, attach documents, and submit your application online. Review of applications will begin November 6, 2017 and continue until the position is filled. Salary commensurate with education and experience. Applicants should include with their submission: 1) a curriculum vitae, 2) a statement of teaching philosophy, 3) a statement of research interests, and 4) a vision statement for the future of the MSE Ph.D. program. Official transcripts (not issued to student) and three original (not copies) letters of recommendation will be required prior to on-campus interview. If you have questions, please contact Academic Affairs at 615-898-5128.

Dr. Jeremy Strayer serves as chair of the search committee. Questions for Dr. Strayer can be sent to [jeremy.strayer@mtsu.edu](mailto:jeremy.strayer@mtsu.edu).

*Middle Tennessee State University is an AA/EEO employer and does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities.*