Join Michigan State University's Global Impact Initiative, designed to address the grand challenges through the creation of over 100 new faculty positions in some of the most promising and exciting fields of research. We welcome applicants from diverse backgrounds. MSU offers an inclusive and collaborative work environment.

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College of Education

Open Rank, STEM Education

The College of Education, College of Natural Science, College of Engineering, and the Lyman Briggs College at Michigan State University seek a tenure-system faculty scholar at the associate or full professor level in STEM education. This position is part of an ongoing priority initiative in STEM education at MSU and, more broadly, the Global Impact Initiative to recruit leading scholars to the university. We are committed to strategically increasing our capacity to improve undergraduate education and to provide national leadership in STEM education by building on our long-standing record of excellence in research, graduate education, and teaching at the undergraduate level. The faculty in both mathematics and science education at MSU span several academic units and work collaboratively to address cross-university needs and work on pressing problems in the teaching and learning of science and mathematics at the college level.

Preference will be given to a full professor with a national reputation in improving STEM education at the undergraduate level. The successful candidate will have a tenure-system faculty position in the College of Education, College of Natural Science, College of Engineering or Lyman Briggs College, depending on which college and department most aligns with his/her area of expertise. A joint appointment across the colleges is possible. The successful candidate will also work within the Institute for Collaborative Research in Education, Assessment and Teaching Environments for the fields of Science, Technology, Engineering and Mathematics (CREATE for STEM), administered jointly by the Colleges of Education and Natural Science, which provides support across the University to engage in collaborative research. The Institute was formed in 2010 with the goal of becoming a nationally recognized hub for research, policy and leadership in mathematics and science education. The Institute allows the building of unique collaborations among faculty in natural science and education to solve pressing problems in the teaching and learning of science and mathematics. Joint appointments and other cross-departmental and cross-college arrangements are possible.

**Major responsibilities.** The faculty member who assumes this position will provide leadership in STEM education, conduct research, and teach undergraduate, masters, and/or doctoral courses. The candidate will be expected to work collaboratively with other faculty throughout the university to conduct research and seek external funding to support research in improving STEM education at the undergraduate level. Additional duties will vary depending on departmental
placement and rank, university and academic unit education needs, and the candidate’s experience and interest. There will be opportunities to collaborate with other faculty in ongoing projects across the university.

**Qualifications.** All candidates are expected to have an earned doctorate in a science, mathematics or engineering discipline or in higher education with a science or engineering focus. Commensurate with rank, a record of strong scholarly accomplishment through publication and success in obtaining and leading externally funded projects is expected. National leadership in STEM education is necessary; evidence of capacity to contribute to the intellectual, research, and instructional life of MSU is essential. A record of a commitment to excellent teaching is also expected.

We invite inquiries and letters or emails of interest. Please feel free to contact Professor Joseph Krajcik, Director of CREATE for STEM and Search Committee Chair (krajcik@msu.edu), or committee members including Melanie Cooper (Chemistry, mmc@chemistry.msu.edu), Christina Schwarz (Teacher Education, cschwarz@msu.edu), Mark Urban-Lurain (Engineering Education, urban@msu.edu), Ryan Sweeder (Lyman-Briggs, sweeder@msu.edu) and Matthew Wawrzyński (Educational Administration, mwawrzyn@msu.edu).

**Application and Timeline.** Review of applications will begin August 1, 2016. We hope to fill this position by the start of Fall 2017, but the position will remain open until filled.

Interested persons should apply to position #3020 via [https://jobs.msu.edu](https://jobs.msu.edu). Applicants must submit a cover letter, a curriculum vita, three representative samples of scholarly writing related to STEM education, and the names of five individuals who can provide references. Please see the College of Education website (http://www.education.msu.edu/) for more information about the college, CREATE for STEM, and this position.
Michigan State University has been advancing the common good with uncommon will for more than 160 years. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges.

MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.