

**Assistant/Associate Professor of Education
(Mathematics Education with a Focus on Learning/Learning Sciences)**

The Department of Curriculum and Instruction in the College of Education at Penn State University seeks a tenure-track faculty member in mathematics education at the assistant or associate professor level who has a research focus on the learning of mathematics at the secondary or early college level. This position will support the College of Education's initiative in strengthening its commitment to the learning sciences and the study of learning. The College seeks to hire a cluster of at least four, tenure-line faculty during 2017-2018 to build upon its existing scholarly and programmatic strengths. In particular, the College will hire new faculty to strengthen the study of learning and to build bridges among four existing areas of graduate education and faculty scholarship: educational psychology; learning, design, and technology; mathematics education; and science education. The long-range goal is to strengthen Penn State's leadership in learning sciences research and development, enhancing existing foci: on learning in the disciplines (beginning with learning in areas of mathematics and science); on the design of learning environments; on design-based research, intervention research; and on other studies of learners and learning.

Beginning: August 15, 2018

Appointment Conditions

The Department of Curriculum and Instruction seeks applications from individuals with scholarly interests and expertise in mathematics education with a focus on mathematical learning and thinking at the secondary or early college level. The position is a tenure-track appointment at the associate/assistant professor rank within the Mathematics Education area of Curriculum and Instruction. Faculty members establish and maintain productive research programs and normally teach both undergraduate and graduate courses each year.

Responsibilities include conducting and disseminating research in mathematics learning and thinking; teaching resident and online courses in mathematics education and Curriculum and Instruction; advising undergraduate, honors, masters, and doctoral students in mathematics education; participating as a faculty member in the Mathematics Education emphasis area; and engaging in leadership and service to professional organizations, learned societies, educational institutions, agencies, and the University. The scholar in this position would have the opportunity to conduct research and teach in a technologically sophisticated mathematics education classroom lab suite and to collaborate with mathematics education faculty and other researchers in ways that enhance Penn State's position as a recognized leader in mathematics education.

This is a tenure track, 36-week appointment with the possibility of supplementary summer appointments in research and/or teaching. Full University benefits apply. Penn State has a strong commitment to the diversity of its workforce. We encourage applications from individuals of diverse backgrounds.

Required qualifications:

- an earned doctorate in mathematics education or a closely related field;
- graduate study in mathematics education;
- minimum equivalent of an undergraduate major in mathematics and graduate coursework in mathematics;

- background and potential to develop and maintain a research agenda in mathematical thinking and learning;
- ability and willingness to teach residential courses in Mathematics Education at the undergraduate and graduate levels;
- ability and willingness to teach online courses in Mathematics Education and Curriculum & Instruction at the undergraduate and graduate levels;
- experience teaching mathematics at the secondary or early college level; and
- potential for obtaining external funding, commensurate with experience.

Desirable qualifications:

- experience teaching mathematics education courses at the college level;
- experience facilitating professional learning of prospective or practicing secondary mathematics teachers;
- active participation in professional organizations in mathematics education;
- experience advising undergraduate or graduate student research; and
- experience with use of digital technology in mathematics education.

Application procedures

Applicants must submit: (1) a letter of application explaining qualifications for the position, including an articulation of research trajectory; (2) a current *curriculum vitae* along with the name, email address, and telephone number of each of three academic references; and (3) up to three representative writing samples such as published or in-review scholarly articles or papers presented at professional conferences. Copies of transcripts will be requested as needed. Applications received by **November 30, 2017** are assured full consideration; however, applications will be accepted until the position is filled.

Electronic submission of all materials is required. Penn State's online submission system (EJMS) allows an applicant to upload no more than four files total; multiple items may be combined into a single file (e.g., multiple articles in one PDF) if necessary. The EJMS submission system can be found at: <http://www.ed.psu.edu/employment/open-faculty-positions>.

This job announcement is also available in alternate format. Employment will require successful completion of background check(s) in accordance with University policies. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

Please contact search committee chair **Dr. M. Kathleen Heid** (mkh2@psu.edu) with any questions.