

JOB POSTING

Assistant, Associate, or Full Professor of Mathematics Associate Director for the Center for Science and Mathematics Education University of Utah

The Department of Mathematics and the Center for Science and Mathematics Education (CSME) at the University of Utah (UU) seek a mid-career or senior mathematician with a research competence in mathematics, a deep interest in issues of mathematics and science education, and a record of administrative achievement, to assume responsibility for research and the success and further development of programs of STEM education, especially those in mathematics.

CSME. The CSME at the UU was initiated in 2009, and has a current annual budget of about \$1.5 million, about two thirds of which consists of federal and foundation funding for projects of preparation of and professional development of secondary school science and mathematics teachers. As Associate Director of CSME, the holder of this position will assume the leadership of the following projects and initiate others.

Major Projects

MfA Utah. This project began in 2009 with funding from Math for America and the Noyce Fellowship program at NSF. It is a preparation and induction program for secondary school teachers in mathematics and the sciences, leading to a Masters's degree in Teaching. The Project Director, working with the Colleges of Education and Science, oversees the program, including preparation of the prospective teachers, liaison with funding agencies, school districts and the State Office of Public Education, and is responsible for the management of the program, preparation of annual reports and development of resources that will sustain the program.

Master's Degree for Practicing Teachers. These programs of content-driven professional development of teachers, funded by the State Office of Education, began in 2009, involve 16-24 teachers annually, and will continue until critical needs for highly competent STEM teachers are met.

The Associate Director of the CSME also shares responsibility for a variety of programs besides those of teacher preparation, specifically, undergraduate education, public outreach and engagement, and research in best educational practices.

Education and Outreach: Primary Responsibilities

- providing leadership for a group of 6-8 mathematicians, scientists and educators involved in the teacher training programs of the CSME;
- development of resources (grants, contracts, gifts) to sustain these programs;
- facilitating science departments in their outreach and education projects;
- maintaining collaborations with the local and national STEM education communities, in both public and higher education;
- maintaining communications with other Colleges in the University, in particular the Graduate College;
- preparing proposals and annual reports for funding agencies and internally;

- oversight of and involvement in teaching, both in the teacher preparation programs and in the department of mathematics.
- direct or help direct a diverse group of other: the MSSST degree program, ACCESS, Science and Engineering Fair, Integrated Science Education involvement in the statewide Consortium for Science and Math Education, and a pending Noyce Fellowship program for math and science education

Mathematics Research Responsibilities

The successful candidate will have a record of mathematical research activities and contributions commensurate with those of typical appointments in the Department of Mathematics.

Logistics

Preferred starting date is August 2012.

Application includes: cover letter, CV, research statement, and teaching statement. In addition, we require six letters (and may solicit others), two of which should address the candidate's teaching and outreach capabilities.

Applications must be completed through the website www.mathjobs.org/jobs/Utah, and will be accepted until the position(s) have been filled. All applications will be reviewed when they are complete.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. Reasonable accommodations provided. For additional information: <http://www.regulations.utah.edu/humanResources/5-106.html>.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students.

For more details see www.math.utah.edu/positions.