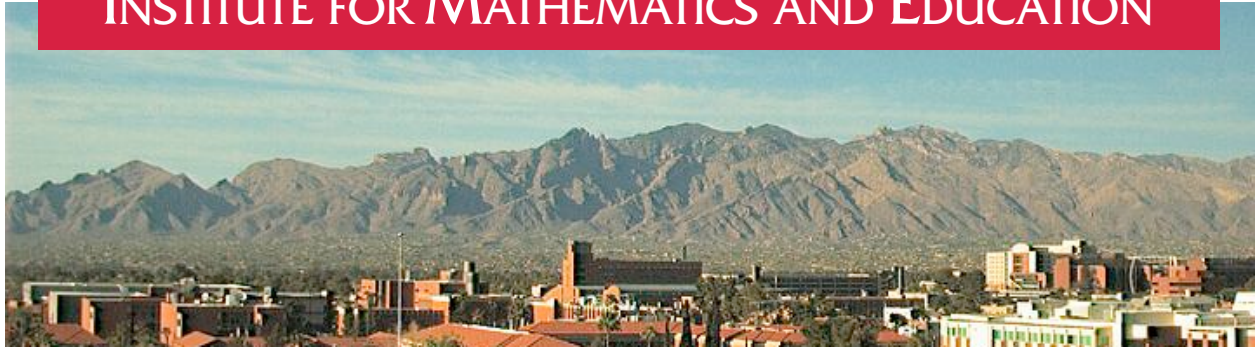


INSTITUTE FOR MATHEMATICS AND EDUCATION



What we do

We support local, national, and international projects in mathematics education, from kindergarten to college, that pay attention to both the mathematics and the students, have practical application to current needs, build on existing knowledge, and are grounded in the work of teachers.

The need

Mathematics is crucial for innovation in scientific research, competitiveness in a global workforce, and informed participation in democratic government. Three decades of reports, from the Department of Education's "A Nation at Risk" (1983) to the National Academies' "Rising Above the Gathering Storm" (2006) offer ample evidence for the need to improve mathematics education in the United States.

Our approach: collaboration

The problems of mathematics education cannot be solved by one group alone. Taking our cue from pioneering collaborations of recent years, we include participants from communities that are sometimes worlds apart: mathematics departments, colleges of education, school systems, government agencies, business, and commercial and non-profit education organizations. We engage mathematicians, statisticians, scientists, education faculty, teachers, parents, business people and policy makers in collaborative work in which each group plays a key role and for which each group takes responsibility.

The time is ripe ...

... for a permanent, high-level institute that will build capacity for collaboration, store institutional knowledge about collaboration, and influence professional culture towards collaboration on a critical concern of our time, the mathematical education of our future scientists, engineers, workers, citizens and leaders.



THE UNIVERSITY OF ARIZONA®

Arizona's First University.