

# Archived Information

## AMTE - Association of Mathematics Teacher Educators

**Goal:** Improving Teacher Quality

### **Brief Summary:**

The Association of Mathematics Teacher Educators is a non-profit organization created to promote the improvement of mathematics teacher education in all its aspects and is a member of the Conference Board of Mathematical Sciences. We currently have approximately 850 members who represent mathematics educators in colleges and schools of education as well as mathematicians and mathematics educators in mathematics departments. In the area of Improving Teacher Quality AMTE is the key organization for the implementation of any strategies to improving pre-service and in-service mathematics teachers' performance.

### **Purpose:**

Some of AMTEs' specific goals that relate to this summit are:

- Promote leadership among mathematics teacher educators
- Serve as a clearinghouse for ideas and resources in mathematics teacher education
- Encourage and disseminate research related to mathematics teacher education – especially research, which identifies factors that contribute to improving the preparation and professional development of mathematics teachers
- Encourage and support programs for recruiting prospective teachers – especially those from underrepresented populations
- Coordinate activities, publications, conferences and networking opportunities for mathematics teacher educators
- Act as representative for mathematics education at national forums and accrediting agencies.

### **Accomplishment/Results:**

AMTE celebrated its tenth year in 2003 and in that time the organization has brought together what had been an often isolated membership (one professor of mathematics education at an entire college or university) into a strong and cohesive group. Our successful conferences and newsletters communicate cutting edge information to the membership and act as a forum for ideas and policy concerns.

### **Plans for the Next 12 Months:**

In response to the Highly Qualified Teacher regulations as well as the researching of successful approaches to the teaching of mathematics, our organization is looking to be a leader in identifying a variety of successful approaches to improve teachers' content knowledge while creating a carefully articulated approach to researching pedagogical knowledge.

**President:** Dr. Karen Karp, University of Louisville