Concern about the condition of high school mathematics has been expressed with renewed urgency in many recent advisory reports and policy recommendations. As a result, national attention is once again focused on four questions that are central to improving the quality of mathematics education:

- **What is the most important mathematics that students of different interests and prior mathematical achievement should master in the high school years so that they are well prepared for college, the world of work, and citizenship in the 21st century?**

- **What instructional practices hold greatest promise for effective teaching of mathematics to the diverse student population in U.S. high schools?**

- **What are the most effective practices for assessing student understanding and skills in order to advance teaching and learning and to provide an evidence base for educational policy decisions?**

- **What strategies for teacher professional development and school change hold greatest promise for meeting the challenge of implementing best practices?**

To address these timely questions and to showcase progressive ideas about curriculum, teaching, assessment, and technology in high school mathematics, the Center for Mathematics Education at the University of Maryland, along with Math Is More and a group of curriculum development projects, will host a conference of leaders in high school and collegiate mathematics education to be held in Washington, DC on September 25–27, 2008.

The conference will include presentations and examples of promising innovations produced by extensive research and development programs, and it will provide a forum for shaping the national, state, and local policy debates about appropriate directions for progress in high school mathematics. The target audience includes high school mathematics teachers, leaders of state and local mathematics programs, mathematics teacher educators, collegiate mathematics faculty with special interest in curriculum 9–14, developers and publishers of high school mathematics curriculum materials and tests, and government and foundation officials with policy responsibilities/interests related to school mathematics.

For further information about the conference program, registration, and financial support for participants, visit the web site of the Center for Mathematics Education at the University of Maryland: www.education.umd.edu/mathed/conference