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**William G McCallum\*** ([wmc@math.arizona.edu](mailto:wmc@math.arizona.edu)), Institute for Mathematics and Education, Department of Mathematics, The University of Arizona, Tucson, AZ 85721. *The Work of the Institute for Mathematics and Education in Developing Partnerships between Mathematicians, Educators, and Teachers.*

The Institute for Mathematics and Education was founded in 2006 with 5 years of start-up funding from The University of Arizona. It is guided by three principles: its projects must be

- grounded in the work of teachers
- informed by a deep knowledge of mathematics
- conducted as collaborations between all involved in mathematics education.

This talk will report on workshops conducted during the first full year of operation of the Institute, covering the use of case studies in teacher preparation, and mathematics courses for elementary and secondary teachers. We will describe the results of these workshops, and work which is ongoing as a result of them. (Received September 17, 2008)