



## Science and Mathematics Achievement Required for Tomorrow

### FOR IMMEDIATE RELEASE

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**Contact:** Terry Krivak, Executive Director  
SMART Consortium  
(216) 916-6420  
[Terry.Krivak@ideastream.org](mailto:Terry.Krivak@ideastream.org)  
Web: [www.smartconsortium.org](http://www.smartconsortium.org)

**Cleveland, Ohio** — Internationally-renowned mathematics educator Hung-Hsi Wu will teach a week-long short course to area K-4 teachers as part of the 2006 PROM/SE Summer Mathematics Institute, taking place at the Cuyahoga Valley Career Center in Brecksville, Ohio, from July 31 through August 4, 2006.

Wu is a Professor of Mathematics at the University of California at Berkeley and was recently named to the National Mathematics Advisory Panel (NMAP), whose membership was announced on April 18. The NMAP will advise the President and the Secretary of Education on the best use of scientifically-based research to advance the teaching and learning of mathematics.

Wu's short course, entitled *Advanced Study of Whole Numbers and Fundamental Concept of Number*, is being offered as part of a \$35 million, 5-year, NSF-funded initiative entitled PROM/SE (Promoting Rigorous Outcomes in Mathematics and Science Education), which has enlisted the participation of two Ohio K-12 mathematics and science education consortia (the SMART Consortium in Greater Cleveland and High AIMS in the Cincinnati area) and three intermediate school districts in Michigan. Leadership for the project is being provided by principal investigators from Michigan State University's colleges of education, mathematics, and science.

In northeast Ohio, the PROM/SE initiative is being driven by the SMART Consortium, a collaborative effort of 56 public school districts in Lorain, Lake, Cuyahoga, and Geauga counties dedicated to improving mathematics and science teaching and student achievement. Twenty-two of SMART's member school districts are participating in the PROM/SE initiative.

PROM/SE's goal is to improve mathematics and science teaching and learning in grades K-12 by collecting and analyzing data from students and teachers, determining needs and identifying teaching/learning gaps, and providing resources to improve mathematics and science education in both content and instructional practice areas.

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A group of PROM/SE Mathematics and Science Associates representing elementary, middle, and high schools in these districts will help lead, plan, communicate, and implement the professional development activities developed through PROM/SE. PROM/SE Mathematics and Science Institutes are held several times throughout the year to provide teachers with access to leading-edge professional development in both content and educational practice. Wu's short course on fundamental concepts of number is just one of the outstanding courses that has been offered through these institutes at PROM/SE partner locations in Ohio and Michigan.

PROM/SE will impact about 400,000 students and more than 5,000 teachers in over 60 Michigan and Ohio school districts. The participating school districts represent a broad range of social, economic and cultural characteristics – from large, urban cities to suburbs to rural areas.