



Superintendent Summit Presenters

Mary Bouck is the PROM/SE Director of Capacity Building where she oversees all professional development aspects for the project and is a Visiting Academic Specialist in the Division of Science and Mathematics Education and Department of Teacher Education at Michigan State University. She also works with a National Science Foundation funded project, Tool Kit for Change Agents, where she works as a writer/developer on a web based tool kit to help district leaders facilitate mathematics reform in their schools. Bouck is a former mathematics teacher and school administrator, finishing her 30-year public school career as a superintendent. During this time she worked in rural as well as urban schools. As an experienced educator, she has developed curriculum materials for elementary and middle grades and was a member of the writing group for the National Council of Teachers of Mathematics' *Principles and Standards for School Mathematics*. Bouck is an experienced professional development leader and a leader in promoting change in mathematics education. Her research interests include the development of teachers, teacher-leaders, and administrators as well as student learning, curriculum, and assessment.

Bob Bowers became Deputy Superintendent of Public Instruction for the Ohio Department of Education (ODE) in January 2004. He directly supports the Superintendent of Public Instruction and provides leadership and direction for the day-to-day operation of ODE's five work centers. From 2000 to 2004, Bowers served as associate superintendent of the Center for Curriculum and Assessment at ODE. He was responsible for directing the work of the Governor's Commission for Student Success, resulting in the proposal from which Am. Sub. S.B. 1 was drafted. Prior to joining ODE, Bowers served as the superintendent for school systems in Ohio and North Carolina for 15 years. Most recently, he served as superintendent for Buncombe County Schools in Asheville, N.C., from July 1998 to January 2000 and superintendent of South-Western City Schools in Grove City, Ohio, from August 1987 to June 1997. He also was a classroom teacher, principal of both junior high and elementary schools and an assistant principal. Bowers received a bachelor's degree in economics and social studies from Warren Wilson College in 1970, a master's degree in education in 1974 and an educational specialists degree in 1980 from Western Carolina University, and a doctorate in educational administration from East Tennessee State University in 1985.

Richard Elmore is the Gregory R. Anrig Professor of Educational Leadership in the Harvard Graduate School of Education. His research focuses on the effects of federal, state, and local education policy on schools and classrooms. He is currently exploring how schools of different types and in different policy contexts develop a sense of accountability and a capacity to deliver high quality instruction. He has also researched educational choice, school restructuring, and how changes in teaching and learning affect school organization. Elmore is also director of the Consortium for Policy Research in Education (CPRE), a group of universities engaged in

research on state and local education policy, funded by the U.S. Department of Education. He teaches regularly in programs for public-sector executives. Recently, Elmore was a keynote speaker at the annual meeting of the National Science Foundation's Math and Science Partnership program from which PROM/SE is funded. Elmore has held positions with the Department of Health, Education, and Welfare and the U.S. Office of Education (1969-71), as well as several government advisory positions at the city, state, and national levels. His publications include "Bridging the Gap Between Standards and Achievement" (2002), "Building a New Structure for School Leadership" (2000), and "When Accountability Knocks, Will Anyone Answer?" (with C. Abelmann) (1999). Elmore received his doctorate in education from Harvard University.

Joan Ferrini-Mundy is a University Distinguished Professor in mathematics education at Michigan State University. She is co-principal investigator of the PROM/SE project. She also serves as Associate Dean for Science and Mathematics Education in the College of Natural Science and is a professor in the Departments of Mathematics and Teacher Education. Ferrini-Mundy has worked in mathematics teacher education since 1982 when she co-founded the Summer Math for Teachers Program at Mount Holyoke College. Ferrini-Mundy served as a Visiting Scientist in NSF's Teacher Enhancement Program (1989-91), and as Director of the Mathematical Sciences Education Board at the National Research Council (1995-1999). Ferrini-Mundy has been active in the National Council of Teachers of Mathematics (e.g. chair of the Writing Group for *Principles and Standards for School Mathematics*, member of the Board of Directors), the American Mathematical Society, and the Mathematical Association of America, where she just completed a term as a member of the Board of Governors. She is co-PI of the MSU Teachers for A New Era Initiative, a reform of the MSU Teacher Education Program. Ferrini-Mundy also directs an NSF-funded research project, "Knowledge of Algebra for Teaching." Ferrini-Mundy was a member of the RAND Mathematics Study Panel (2000-2002), the NAEP Mathematics Assessment Framework Committee (2002), the ACHIEVE Mathematics Advisory Panel (1999-2002), and the TIMSS/PISA 2003 Expert Panel (2002-2004). She served as a member of the Mathematics Department at the University of New Hampshire from 1983-1999. Her research interests include calculus teaching and learning, the development of teachers' mathematical knowledge for teaching, and K-12 mathematics education reform.

Jeremy Hughes is the Deputy Superintendent/Chief Academic Officer for the Michigan Department of Education. As Deputy Superintendent and Chief Academic Officer, Hughes is responsible to the state superintendent for the department functions dealing with teaching and learning, among which are curriculum standards, the Michigan Educational Assessment System and implementation of the federal No Child Left Behind Act. He is also responsible for special education, early childhood education, charter schools, teacher certification and professional development. He joined the Michigan Department of Education in 2002, after more than 30 years of service in local public school districts in Ohio, Minnesota, and Michigan. Prior to joining the department in 2002, Hughes was superintendent of Dearborn Public Schools for 13 years, superintendent of Haslett Public Schools for 10 years, assistant superintendent for curriculum and instruction for Saginaw Township schools for 5 years, a high school principal in Minneapolis, and a teacher of Latin and English in Ohio and Minnesota high schools. Hughes

has a doctorate and master's degree in School Administration from the University of Minnesota, and a bachelor's degree in Philosophy and Latin from the University of Dayton, Ohio.

Barbara W. Markle is the Assistant Dean of K-12 Outreach in the College of Education at Michigan State University. In this capacity she develops and implements programs for teachers, school administrators and policymakers that translate educational research to application in schools and settings where education policy decisions are made. Markle's public school experience includes service as a high school teacher, counselor, secondary principal and central office administrator. She also served as Deputy Superintendent of Public Instruction in the Michigan Department of Education where she was responsible for Michigan's education reform initiatives. She currently directs several state and federal grants, and has a deep interest in school reform issues centering on teacher and administrative leadership as well as the redesign of the high school experience. Markle has extensive experience in international education and has received the National Leadership Award from the Institute for Educational Leadership. In addition to membership on several boards, she is a member of the Education Alliance of Michigan, serves on the Board of Directors for the Michigan Virtual University, and also directs monthly education policy forums for state policy makers. Markle has a doctorate in educational administration from Michigan State University.

William H. Schmidt is a University Distinguished Professor in education at Michigan State University and is currently co director of the Education Policy Center, co director of the US China Center for Research and co principal investigator of the PROM/SE project. Previously he served as National Research Coordinator and Executive Director of the US National Center which oversaw participation of the United States in the IEA sponsored Third International Mathematics and Science Study (TIMSS). He was also a member of the Senior Executive staff and Head of the Office of Policy Studies and Program Assessment for the National Science Foundation in Washington, DC from 1986-1988. He has published in numerous journals including the Journal of the American Statistical Association, Journal of Educational Statistics, and the Journal of Educational Measurement. He has co-authored seven books including *Why Schools Matter*. His current writing and research concerns issues of academic content in K-12 schooling, assessment theory and the effects of curriculum on academic achievement. He is also concerned with educational policy related to mathematics, science and testing in general. He was awarded the Honorary Doctorate Degree at Concordia University in 1997 and received the 1998 Willard Jacobson Lectureship from The New York Academy of Sciences. He received his undergraduate degree in mathematics from Concordia College in River Forrest, IL and his doctorate from the University of Chicago in psychometrics and applied statistics.

Dorothy VanLooy was the project director for PROM/SE during the first 6 months of implementation and is currently consulting with PROM/SE. Prior to working with PROM/SE she was with the Michigan Department of Education where she held several positions, most recently returning to serve as the Acting Chief Academic Officer. While with the Michigan Department of Education, she served as the Director of the Office of Field Services where she was responsible for the implementation of state and federal categorical funding programs. She has also been responsible for the approval and review of teacher preparation programs, the teacher certification testing program, technical assistance to school districts, program evaluation and

multiple research projects. Prior to joining the Michigan Department of Education, she was a Research Associate with the University of Michigan's Institute of Science and Technology.