



Lessons from a Decade of Mathematics and Science Reform

The Local Systemic Change Through Teacher Enhancement Initiative (LSC)



Funded by the
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Foundation

Horizon Research, Inc. MEDIA ADVISORY

Monday, March 6, 2006 10:00 a.m.
Coffee at 9:30 a.m.

Zenger Room at the National Press Club
529 14th Street NW, 13th Floor; Washington DC

Lessons from a Decade of Mathematics and Science Reform

Horizon Research, Inc. of Chapel Hill, NC. releases *Lessons from a Decade of Mathematics and Science Reform: The Local Systemic Change through Teacher Enhancement Initiative (LSC)* – a comprehensive study of in-depth, content-focused teacher professional development. This capstone report is the product of ten years of observations of and interviews with teachers of science, mathematics and/or technology engaged in the National Science Foundation-supported Local Systemic Change through Teacher Enhancement Initiative (LSC). Located in 31 states, NSF's investment of nearly \$250 million in 88 LSC projects impacted approximately 70,000 teachers in roughly 4,000 schools in 467 districts (urban, rural, and suburban) across the United States. Successful models are now sustainable, ongoing programs in school districts. The LSC findings represent a valuable knowledge base for shaping professional development programs in mathematics and science to improve teacher quality.

Introduction

Dr. Barbara M. Olds
Acting Division Director
Division of Elementary, Secondary, & Informal Education (EHR/ESIE)
Directorate for Education and Human Resources
National Science Foundation

Key Findings from the Study of LSC Teacher Professional Development

Dr. Iris R. Weiss
President, Horizon Research, Inc.
Chapel Hill, North Carolina

LSC in Action

Dr. Michael Klentschy
Superintendent
El Centro School District
El Centro, California

more



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p. 2 Media Advisory

Building Capacity through Statewide Support:

The ASSET Science Education Model, Pittsburgh, PA

Ms. Diane Castelbuono

Deputy Secretary, Office of Elementary and Secondary Education

Pennsylvania Department of Education

Disseminating Key Research to the Field

Dr. Donald Thompson

Acting Assistant Director

Directorate for Education and Human Resources

National Science Foundation

Strengthening America's Leadership in Innovation
through Mathematics and Science Education

Dr. Brian K. Fitzgerald

Executive Director

Business Higher Education Forum

Question and Answer session

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