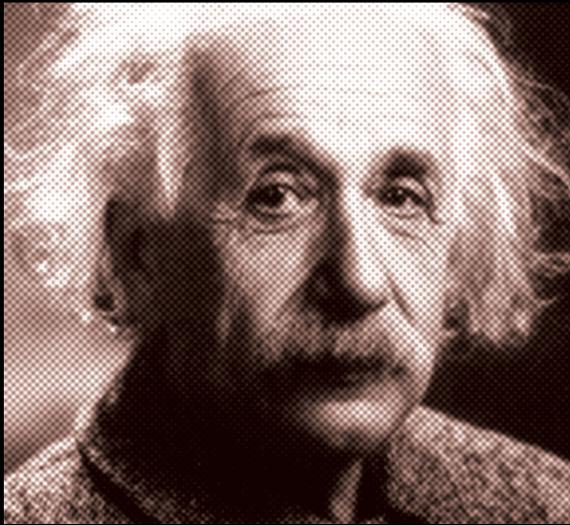


NSRC National Science Education Leadership Development Forum

Research and Promising Practices
for District and State Leaders



Wednesday, March 18, 2009

Registration 12:00 p.m.
Program 1:00 p.m.
Reception 6:30 pm.
Dinner 7:15 p.m.



W Hotel
333 Poydras Street
New Orleans, Louisiana

National Science Resources Center

THE NATIONAL ACADEMIES  Smithsonian Institution

2009 NSRC Forum Topic: High School Reform March 18, 2009

Preliminary Agenda

12:00 p.m. Registration and Lunch

1:00 p.m. **Engaging Schools: Fostering High School Student Motivation & Learning** A presentation of the 2005 study of the National Research Council and Institute of Medicine of the National Academies

Deborah Stipek, Dean, Stanford University School of Education

2:15 p.m. **High Schools that Work** A presentation of the findings from the report *Using Rigor, Relevance, and Relationships to Improve Student Achievement: How Some Schools Do It*, which illustrates how 26 high schools have met the challenge by integrating academic and career/technical instruction, establishing mentoring and teacher advisement, expecting more of their students, working with local colleges and universities, and cooperating with the business community.

Gene Bottoms, Founder, High Schools That Work

3:15 p.m. Break

3:30 p.m. **Panel Discussion: High School Science Education Landscape and Exemplary Programs.** A panel discussion of the implications and evidence of effectiveness of different approaches to high school science education, including, **rigorous curriculum** (e.g. International Baccalaureate and AP), **rigorous curriculum plus independent research projects** (such as Thomas Jefferson High School for Science and Technology in Alexandria, VA), and **rigorous curriculum plus STEM internship programs** (such as the Denver School for Science and Technology and the MC² High School in Cleveland, OH). The panel will feature case studies of programs across the country. Confirmed speakers include:

Jeanette LaFevers, Program Director, Lamar Academy, McAllen High School

*Elizabeth Lodal, Former Principal, Thomas Jefferson High School;
Virginia Commissioner, Education Commission of the States*

*Jan Morrison, Executive Director, Teaching Institute for Excellence in STEM
(TIES); Senior STEM Consultant, Bill and Melinda Gates Foundation*

6:30 p.m. Reception

7:15 p.m. Dinner

Keynote Speaker: *Rebecca Richards-Kortum (invited)
Professor of Bioengineering, Rice University
National Academy of Engineering*