

Goal: Enhance Florida's Economic Development by Preparing a Workforce Educated in Science and Mathematics
Objective: Strengthen Student Achievement in Science and Mathematics by Increasing Teacher Effectiveness

**February 2, 2005:
 What is the Problem?**

- 11:45 am - 12:45 pm **Lunch: Keynote Address "What is the Problem? – Why are We Here?"**
 President Frank Brogan, Florida Atlantic University, Former Lieutenant Governor and Former Education Commissioner
- 1:00 pm - 1:30 pm **Why Floridians Must Be Educated in Mathematics and Science**
 Mr. Darrell Kelley, President and CEO, Enterprise Florida
- 1:30 pm - 1:55 pm **Panel: Reflections on the Need for Strong Mathematics and Science Education;**
 Facilitator: Mr. Marshall Heard, Chairman, Florida Aviation Aerospace Alliance
 Mr. Randolph Berridge, President, Florida High Technology Corridor
 Col. Irvin Lee, 6th Mission Support Commander, MacDill AFB
 Dr. James McMurtray, Executive Director, National Alliance of State Science and Mathematics Coalitions (NASSMC)
- 1:55 pm - 2:15 pm **Discussions at each Table: What Were the Key Points?**
- 2:15 pm - 2:35 pm **BREAK**
- 2:35 pm - 3:05 pm **What's Different About Schools Today?**
 Chancellor Jim Warford, Chancellor Florida K-12 Public Schools
- 3:05 pm - 3:25 pm **Responding to the Crisis in Mathematics and Science Education: The Business-Higher Education Forum (BHEF) Report**
 Dr. Dennis Smith, President Emeritus, University of Nebraska and BHEF Initiative co-Chair
- 3:25 pm - 3:45 pm **Discussions at Each Table: What Were the Key Points?**
- 3:45 pm - 4:00 pm **Investing in Professional Development**
 Mr. Peter Sprague, Past President, Am. Soc. For Training and Development (ASTD), Florida Suncoast Chapter; President, Corporate Training Partners, Inc.
- 4:00 pm - 4:30 pm **The Cost of Large-Scale Change**
 Dr. Jo Anne Vasquez, National Science Board
- 4:30 pm - 5:30 pm **Discussions at Each Table: What Were the Key Points?**
Implementing Change: Brainstorming Ideas, Challenges and Solutions.
- 6:00 pm - 7:00 pm **Reception (Cash Bar)**
- 7:00 pm - 9:30 pm **Conference Dinner and Keynote Address: Science and Mathematics Proficiency and America's Future**
 Captain Winston E. Scott, Executive Director of the Florida Space Authority and Former Astronaut

Page 1 of 2

**February 3, 2005:
Developing Solutions – Increasing Teacher Effectiveness**

- 8:30 am - 8:35 am **Opening Remarks**
- 8:35 am - 9:00 am **What Works to Improve Science and Mathematics Learning?**
Dr. Patricia Ross, U.S. Department of Education
- 9:00 am - 9:15 am **Direction for Participants (move to small groups)**
- 9:15 am - 10:45 am **Concurrent Work Sessions (3)**
1. What Can Florida's Department of Education Do?
- Statewide Policies
Discussion Leader:
Ms. Mary Jane Tappen, Deputy Chancellor for Student Achievement, Florida Department of Education
 2. What Can Educators and Business Leaders Do at the Local Level?
Discussion Leaders:
Dr. Rich DePatri, Superintendent, Brevard County Schools
Dr. Earl Lennard, Superintendent of Hillsborough County Schools
 3. What Can the Legislature and Governor Do?
Mr. Robert Bedford, Emergent Design, Inc.
- 10:45 am - 11:05 am **BREAK**
- 11:15 am - 12:15 pm **Reports from the Work Sessions; Aligning Plans**
- 12:30 pm - 1:45 pm **LUNCH: Developing the STEM Pipeline for NASA'S Vision for Future Space Exploration**
Dr. Adena Loston, Chief Education Officer, NASA
- 1:45 pm - 3:00 pm **Refining and Aligning Action Plans**
- 3:00 pm - 3:30 pm **Summation of Outcomes and Closing Remarks**
- 3:30 pm **Adjournment**

Page 2 of 2