

**National Medal of Technology  
U.S. Department of Commerce  
Technology Administration**

The Student Technology Roundtable provides an interactive forum bringing together the achievers of today with the innovators of tomorrow. We hope that students will take inspiration from this dialogue, which showcases talent, hard work, and imagination. Celebrating the 2001 laureates' achievements in science and technology provides us all with a sense of technology's role in creating a better tomorrow. We hope this lively and stimulating discussion will fire imaginations to discover a creative solution, a better product, or a new way of doing things that will help chart a challenging roadmap for the future. To learn more about the National Medal of Technology and the remarkable individuals and companies who have been awarded the Medals, please see our website: [www.ta.doc.gov/medal](http://www.ta.doc.gov/medal).

**The Foundation for the Study of America's Technology Leadership**

The Foundation seeks to understand and raise awareness of the factors that led to America's technology leadership – from the role of innovation to the assimilation of women and minorities into the technology leadership arena. The Foundation pursues and promotes continuing studies of the impact of science and technology on society from historical and future perspectives. The Foundation also makes its research available to the public. Underlying all of the Foundation's activities is a keen desire to better develop the potential of America's human capital, especially its young people, to contribute to the nation's future. For more information, please visit [www.FSATL.org](http://www.FSATL.org).

The Student Technology Roundtable is being videotaped and a version will be available for distribution. Individuals or organizations that wish to receive a copy may request it through the website of the Foundation for America's Technology Leadership at [www.FSATL.org](http://www.FSATL.org).

*Special thanks to our partners who made this event possible: Carnegie Institution of Washington, Discovery Channel, Intel Science Talent Search, Science Service, Internet Science and Technology Fair, and the National Science & Technology Medals Foundation.*

For additional information regarding the National Medal of Technology, see: [www.ta.doc.gov/medal](http://www.ta.doc.gov/medal). Explore careers in technology at [www.gettech.org](http://www.gettech.org).

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September 19, 2002



## National Medal of Technology

The National Medal of Technology is the nation's highest honor for technological achievement. Bestowed on American innovators by the President of the United States, the medal celebrates remarkable people whose vision, creativity, and brilliance truly reflect the uniquely American spirit of innovation. That spirit makes it possible for our country to lead the world in scientific discovery and technological development. The laureates serve as an inspiration to the next generation of innovators. The U.S. Department of Commerce's Technology Administration administers the National Medal of Technology. [www.ta.doc.gov/medal](http://www.ta.doc.gov/medal).

## Discovery Channel Young Scientist Challenge (DCYSC)

The Discovery Channel Young Scientist Challenge is the only science contest of its kind for students in grades 5-8. DCYSC seeks to foster the exploration, understanding and communication of science among America's youth. The goal of the DCYSC is to encourage students to become more interested in science, support those young people who are already inquisitive about the subject to pursue their interest, and share their enthusiasm with others. [www.discovery.com/dcysc](http://www.discovery.com/dcysc).

## Intel Science Talent Search (STS)

The Intel Science Talent Search is America's oldest and most highly regarded pre-college science competition. Original research projects by high school seniors are a result of inquiry-based learning methods designed to: a) nurture critical reasoning skills; b) experience science through the use of the scientific method, and c) demonstrate how math and science skills are crucial to making sense of today's technological world and making the best decisions for tomorrow. [www.sciserv.org/sts](http://www.sciserv.org/sts).

## Internet Science and Technology Fair (ISTF)

The Internet Science and Technology Fair, sponsored by the University of Central Florida's College of Engineering and Computer Science is a pre-college, national science and technology literacy program. ISTF is a unique opportunity for teachers to provide their classes with a hands-on, computer-oriented learning activity. The students do all their research on the Internet and present their findings on a website they construct themselves. They adhere to content guidelines based on national science content standards for grades 3-12. Their goal is to apply National Critical Technologies to real world problems and innovate technical solutions. <http://istf.ucf.edu>.

## Student Technology Roundtable

September 19, 2002  
Carnegie Institution of Washington  
Washington, D.C.  
11:00 a.m. – 12:30 p.m.

**Moderator**  
Lu Gregg

*President, Foundation for the Study of America's Technology Leadership*

**Opening Remarks**  
Hon. Phillip J. Bond

*Under Secretary for Technology, U.S. Department of Commerce*

### ROUNDTABLE DISCUSSION FEATURING:

**Sidney Pestka**, *National Medal of Technology Laureate, Univ. of Medicine and Dentistry of New Jersey*  
and **Benjamin Banneker Academic High School**

**Rosemarie Arena & Patricia Pak**, *Bergen County Academies, Internet Science & Technology Fair*  
and **Shaw Junior High School**

**John A. Ewen**, *National Medal of Technology Laureate, Catalyst Research Corporation*  
and **Washington Mathematics Science Technology Public Charter High School**

**Danny Hong**, *Discovery Channel Young Scientist Challenge*  
and **KIPP D.C.: KEY Academy**

**The Dow Chemical Company**, *National Medal of Technology Laureate*  
Represented by **Billy M. Williams**,  
and **Thomas Jefferson Middle School**

**Jerry M. Woodall**, *National Medal of Technology Laureate, Yale University*  
and **Eleanor Roosevelt High School**

**Mariangela Lisanti**, *Intel Science Talent Search*  
and **Eleanor Roosevelt High School**

**Arun N. Netravali**, *National Medal of Technology Laureate: Lucent Technologies – Bell Labs*

Q&A Session

**Closing Remarks**  
Lu Gregg

