Illinois Mathematics and Science Academy

Presents
"The U.S. Space Program: Pioneering the Future"

Fourth Annual
James R. Thompson
Leadership Lecture
October 18, 1994
2:00 p.m.

featuring Sally K. Ride, Ph.D.
Sally Ride, director of the California Space Institute and a physics professor at the University of California-San Diego, is one of the most celebrated scientists of our time. A former NASA astronaut, Dr. Ride is perhaps best known for her pioneering accomplishments as the first American woman in space.

Dr. Ride flew two missions aboard the space shuttle Challenger (1983 and 1984). During the 1983 mission, the crew performed the first satellite deployment and retrieval with the shuttle’s robot arm. The 1984 mission demonstrated the potential for satellite refueling by astronauts.

Following the 1986 Challenger tragedy, Dr. Ride served as a member of the Presidential Commission charged with investigating the accident. Afterwards, she was assigned to NASA headquarters in Washington, D.C., as assistant to the NASA administration for long-range planning. In this role, she created NASA’s Office of Exploration and produced a report on the future of the space program entitled “Leadership and America’s Future in Space.”

Dr. Ride, who earned her B.S. in physics, B.A. in English, M.S. in physics and Ph.D. in physics from Stanford University, has received numerous honors including the Jefferson Award for Public Service and the National Spaceflight Medal. She is author of *Voyager: An Adventure to the Edge of Solar Systems*, *The Third Planet: Exploring the Earth From Space*, and a children’s book, *To Space and Back.*
Welcome and Recognition of Guests........................................Jessica A. Droste
*President, Student Council*
Illinois Mathematics and Science Academy
Stephanie Pace Marshall, Ph.D.
*Executive Director*
Illinois Mathematics and Science Academy

Introduction of Speaker .....................................................Michael J. Birck
*President and Chief Executive Officer*
Tellabs, Inc.

James R. Thompson Leadership Lecture.................................Sally K. Ride, Ph.D.
“The U.S. Space Program: Pioneering the Future”

Presentation.............................................................................Jessica A. Droste
The Illinois Mathematics and Science Academy is the nation's only three-year public residential high school for talented mathematics and science students. IMSA also serves as an educational laboratory for developing and testing innovative programs to share with other schools, school districts, teachers and students throughout Illinois and the nation.

The James R. Thompson Leadership Lecture Series was established in 1990 following a gift to the IMSA Fund for Advancement of Education. The donor, who wishes to remain anonymous, chose to honor Mr. Thompson for his service as governor of Illinois (1977-1991) and his leadership in establishing the Academy. As governor, Mr. Thompson established task forces, evaluated recommendations, proposed legislation and successfully urged passage of the Education Reform Act of 1985 which included creation of the Illinois Mathematics and Science Academy.

In December, 1989, the Academy was formally dedicated to the people of Illinois in honor of Mr. Thompson and Dr. Leon M. Lederman. Mr. Thompson, an honorary member of IMSA's charter class, serves as president of the IMSA Fund board of directors.