

International Science and Engineering Partnerships



Sigma Xi Annual Meeting

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Detroit, Michigan

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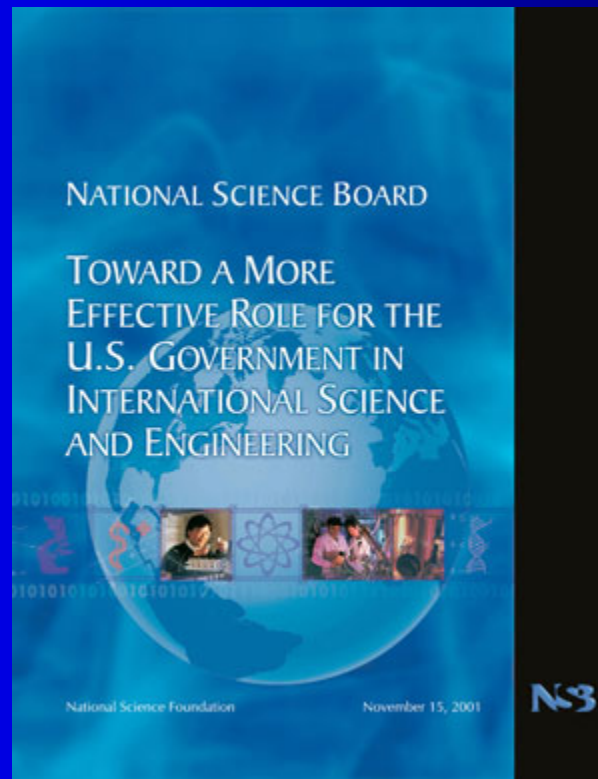
About the National Science Board

The National Science Board provides:

- **Oversight and policy-making** for the National Science Foundation, and
- **Advice to the President and the Congress** on matters of national science and engineering policy.

Board Members are appointed by the President and confirmed by the Senate.

Toward a More Effective Role for the U.S. Government in International Science & Engineering



Task Force on International Science

*To examine the role of the U.S. Government
in international science and engineering in
response to the changes that have occurred
in recent years to global dynamics for
research, education, politics, and the
technical workforce*

Benefits of International Science and Engineering Partnerships

- Advanced science and engineering research
- Improved relations between countries
- Improved quality of life
- Environmental awareness and protection
- Capacity building
- Sustainable economic development

Major Task Force Activities

- Roundtable discussions
 - May 11, 2006 in Washington, D.C.
 - Sept. 25, 2006 in Singapore
 - Spring 2007, location to be determined
- Ongoing face-to-face meetings
- Preparation of a final report

Roundtable Discussion on International Science Partnerships

May 11, 2006 – Washington, D.C.

- Central Themes
 - Rationale for U.S. Government support of international science and engineering (S&E) partnerships
 - Challenges of building and maintaining international S&E partnerships
 - Globally engaging S&E researchers and students
 - Potential opportunities for new modes of participation

Roundtable Discussion on International Science Partnerships

September 25, 2006 – Singapore

- Focal Topics

- Benefits and obstacles of engaging in international science partnerships
- Building scientific capacity
- Internal structures and practices that enhance international science partnerships
- Working with U.S. Government science agencies

Future Plans

- Convene a third roundtable discussion on international S&E partnerships
- Hold additional information gathering meetings
- Develop a final report that provides advice to the President and Congress on the current and potential role of the U.S. Government in supporting S&E partnerships, as well as specific policy guidance for NSF on supporting such partnerships.

Discussion

- *Is Sigma Xi really an International Scientific Society?*
- *Would Sigma Xi be interested in pursuing a more prominent role as an International Scientific Society?*
- *Could Sigma Xi serve as a key stakeholder group for providing input as the National Science Board examines the role of the U.S. Government in supporting international S&E partnerships?*