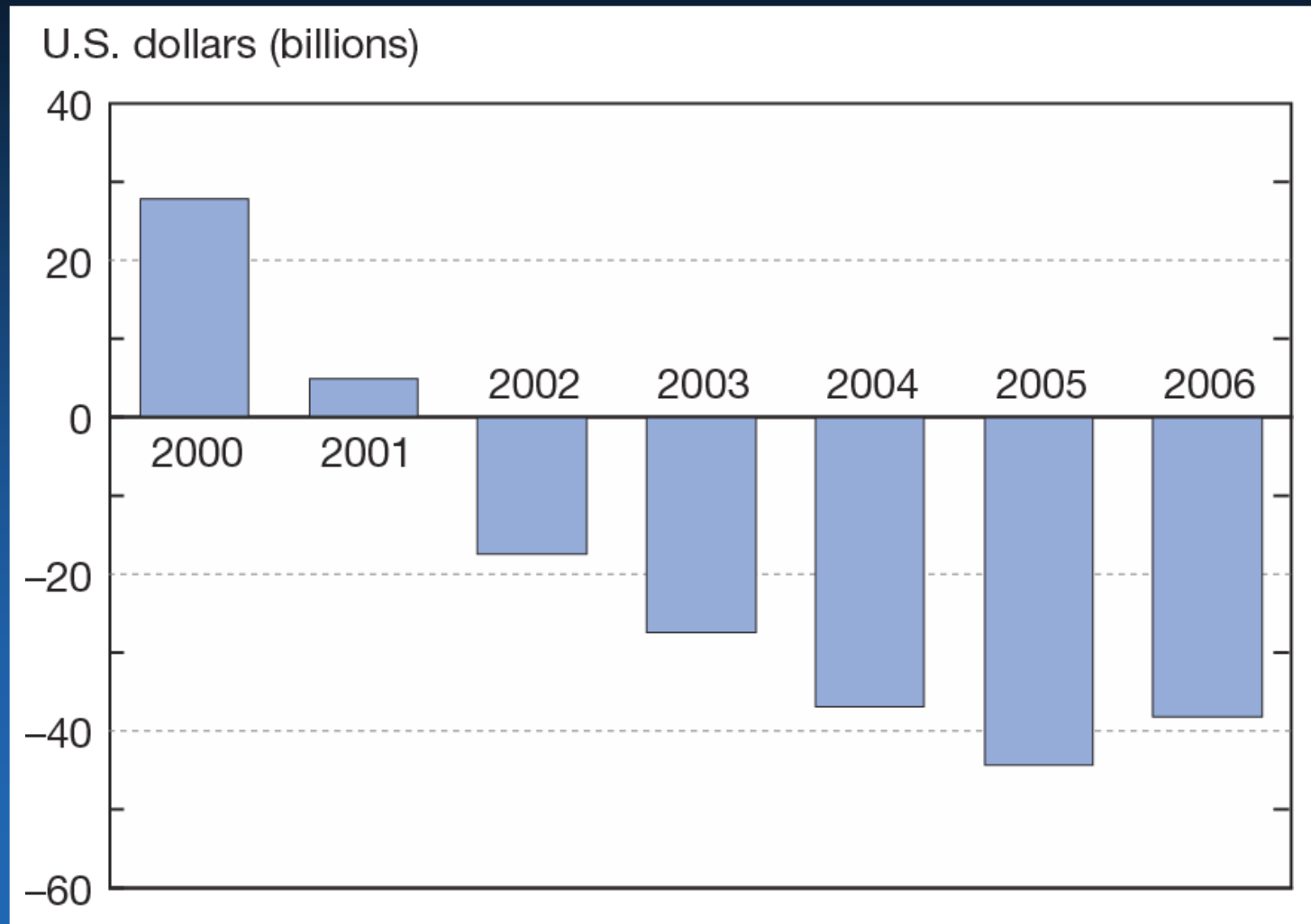


# **Why international?**

## **International at NSF**

**Mark A. Suskin**  
**Office of International Science and Engineering**  
**National Science Foundation**

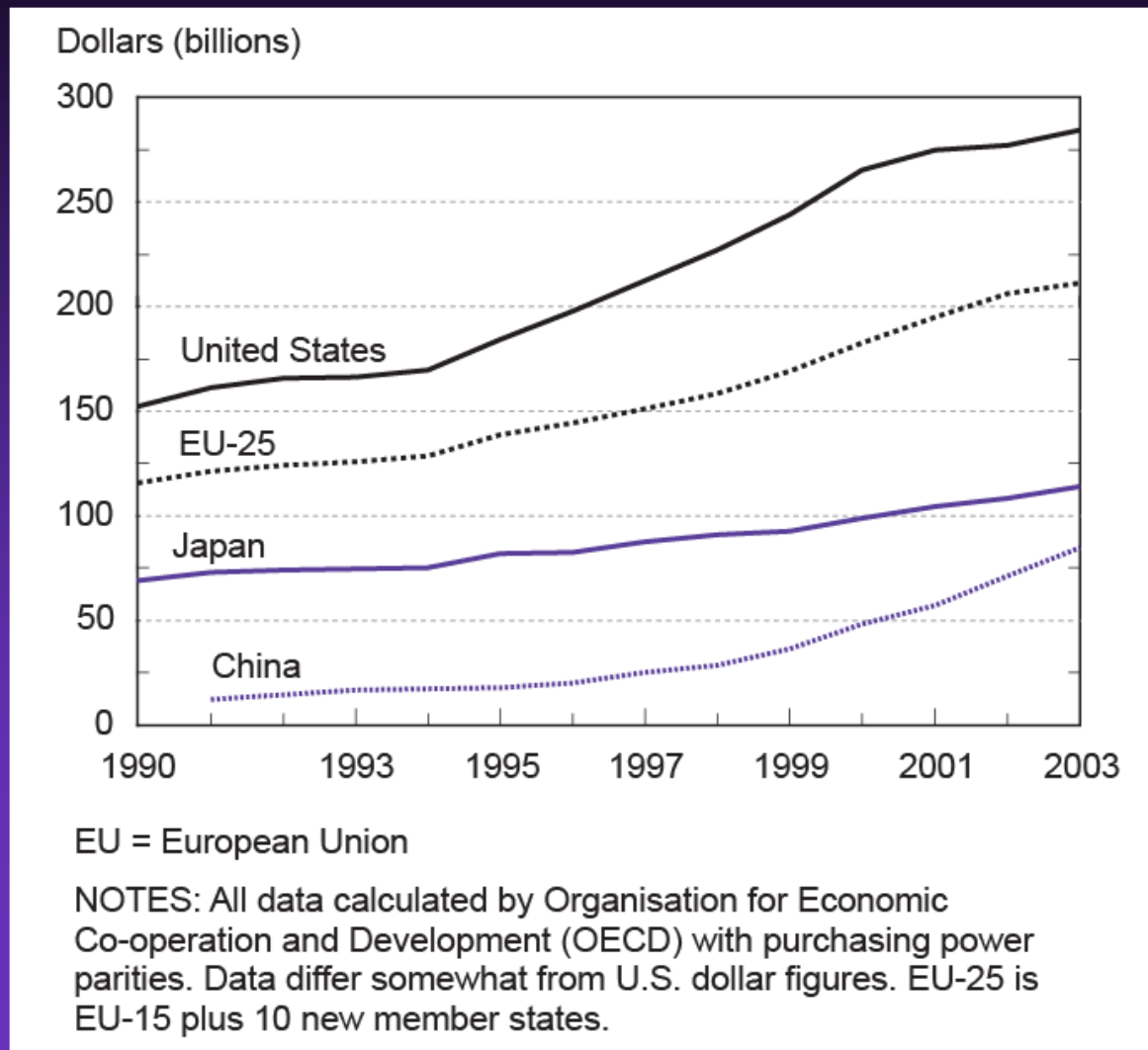
## U.S. trade balance in high-technology goods: 2000–06



**SOURCE:** National Science Board, *Science and Engineering Indicators 2008*



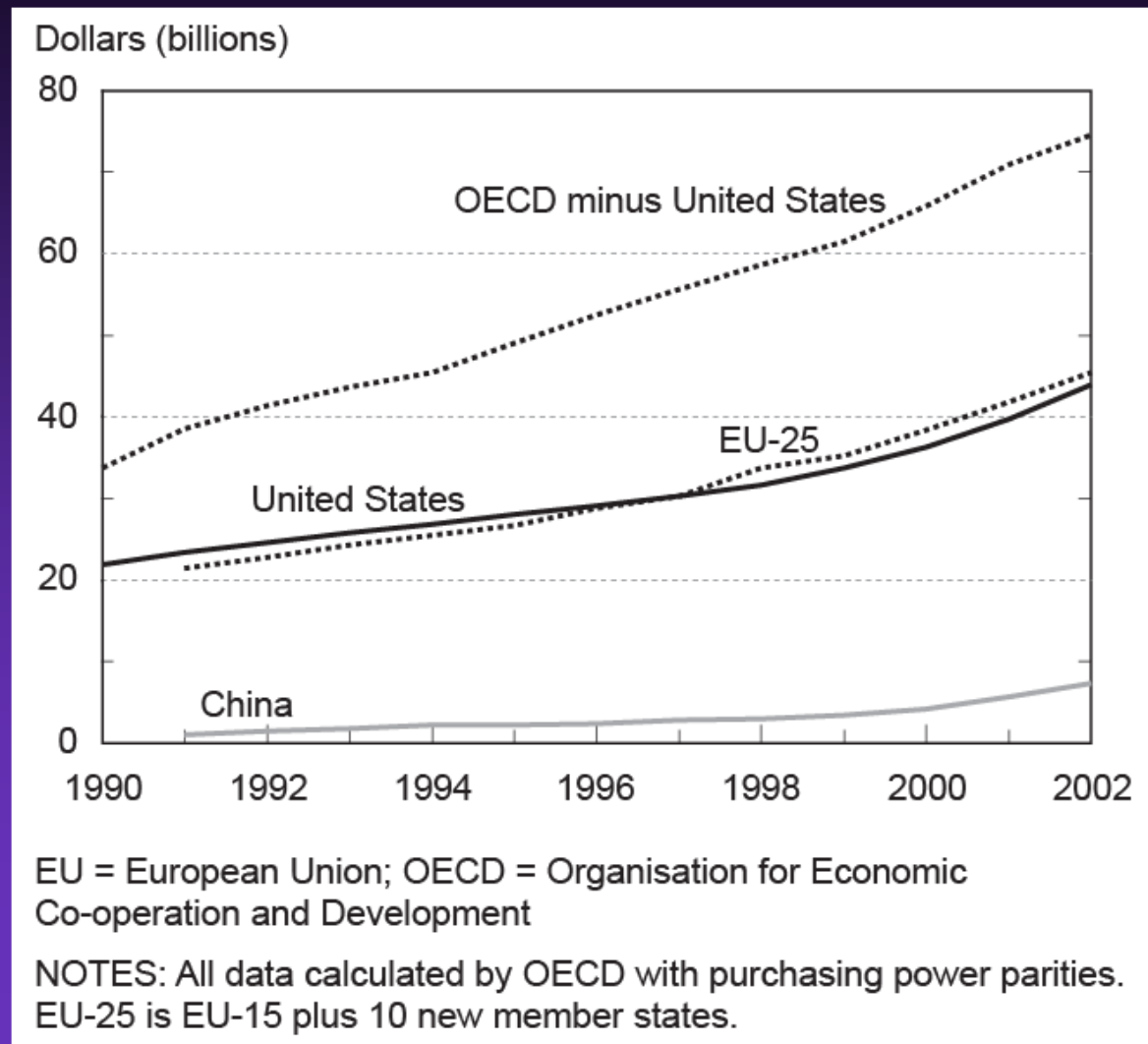
# R&D expenditures of selected region and countries: 1990–2003



**SOURCE:** National Science Board, *Science and Engineering Indicators 2006*



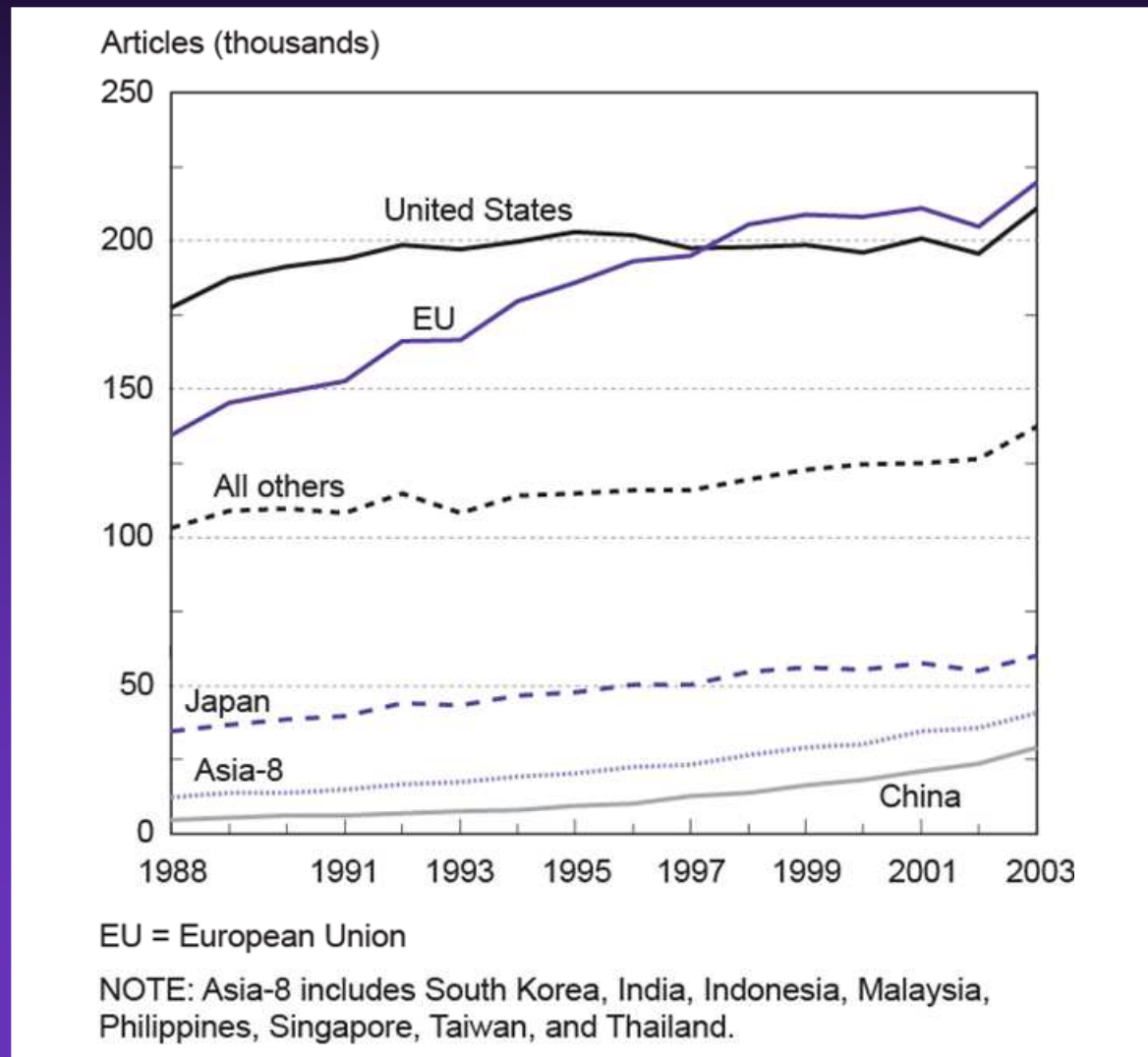
# Academic R&D expenditures: 1990–2003



**SOURCE:** National Science Board, *Science and Engineering Indicators 2006*



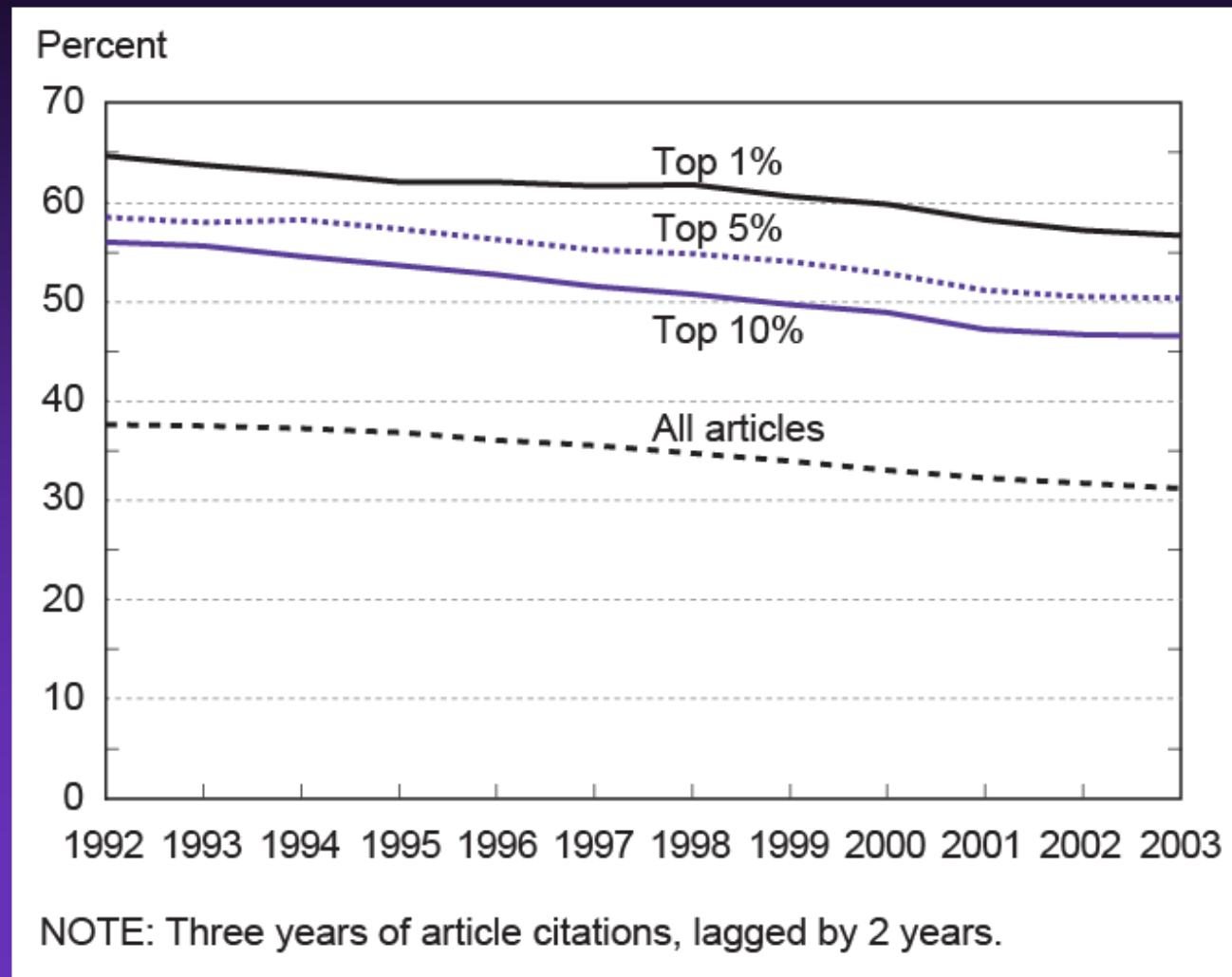
# Scientific and technical articles, by country/region: 1988–2003



**SOURCE:** National Science Board, *Science and Engineering Indicators 2006*



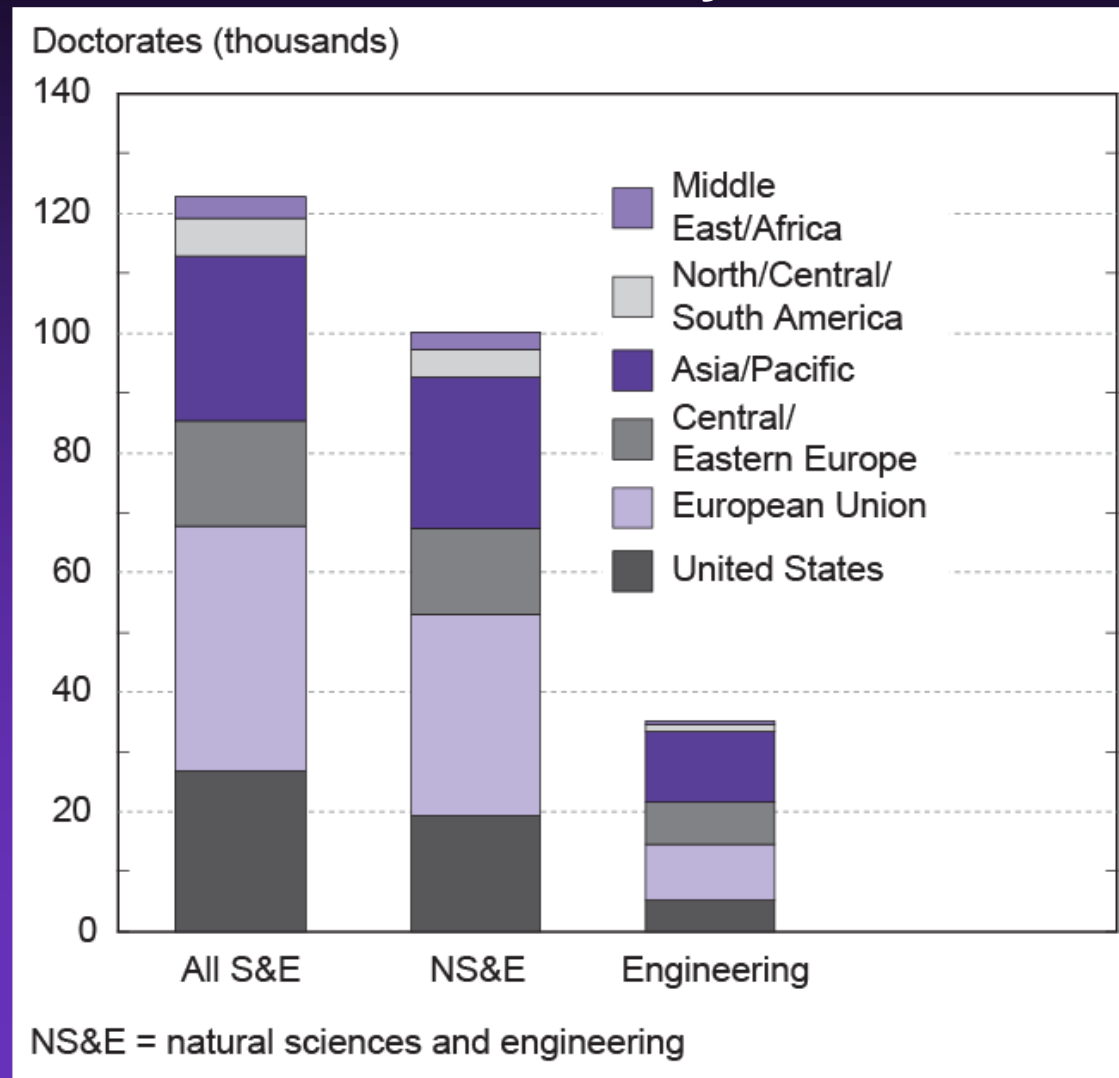
## Share of U.S. articles among most-cited articles, total S&E: 1992–2003



SOURCE: National Science Board, *Science and Engineering Indicators 2006*



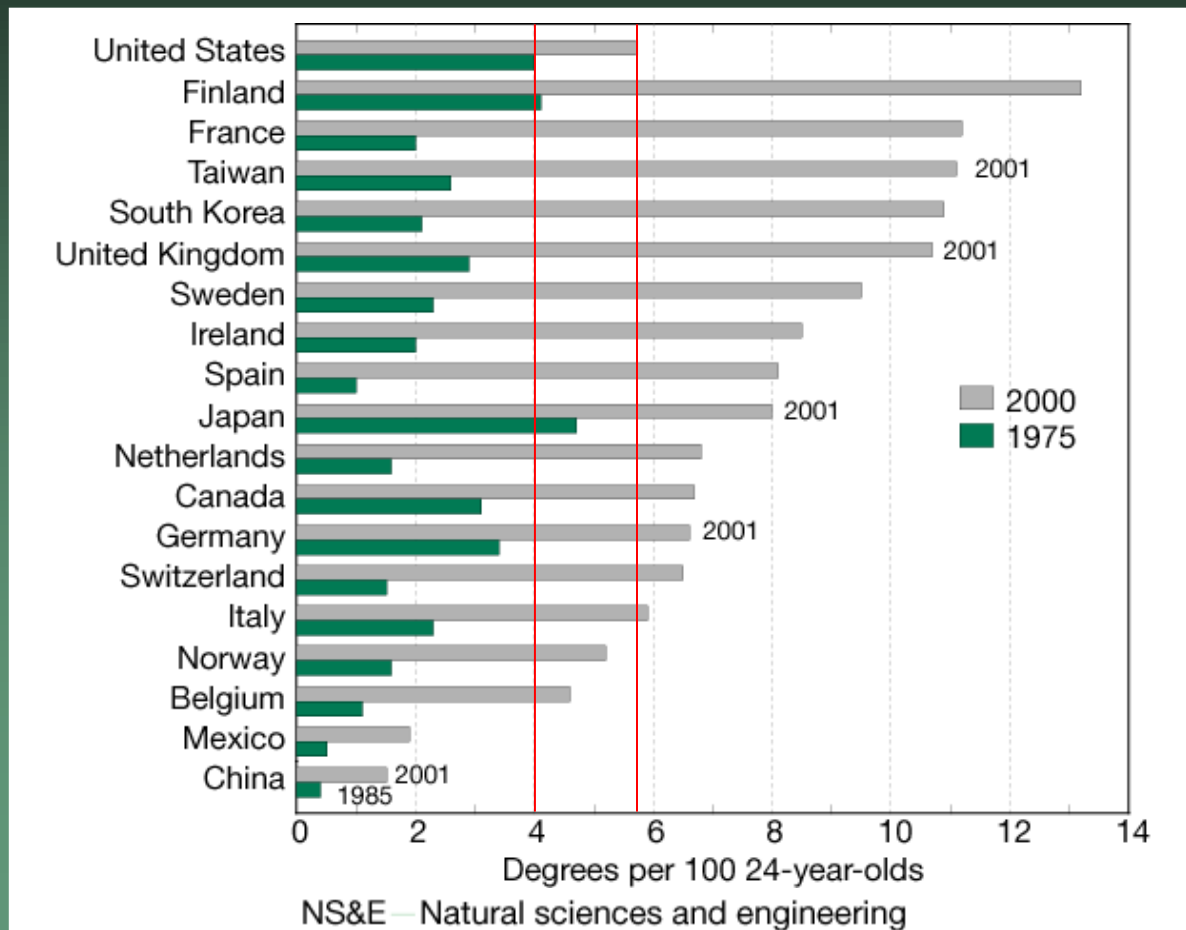
# S&E doctorates awarded, by country/region: Most recent year



SOURCE: National Science Board, *Science and Engineering Indicators 2006*



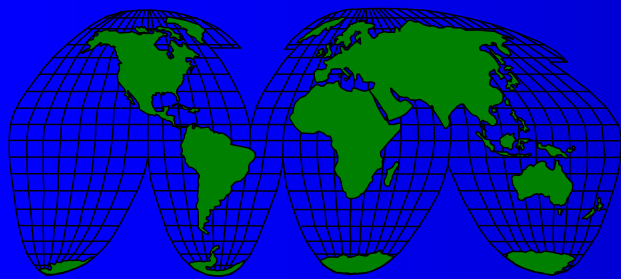
## Ratio of first university NS&E degrees to 24-year-old population, by selected country/economy: 1975 and 2000 or most recent year



SOURCE: National Science Board, *Science and Engineering Indicators-2004*



**International cooperation  
in science is not a luxury;  
it is a necessity – and the  
foundation for the future.**



**Arden L. Bement, Jr.  
NSF Director  
May 2006**

# **NSF Objectives for International Activities**

- **Advance discovery**
- **Develop a globally engaged US workforce**

# **NSF Support for International Activities**

- **Supplements to existing NSF grants**
- **Part of new proposals to NSF disciplinary programs**
- **Proposals to Office of International Science and Engineering (OISE)**

# Supplements to Existing NSF Grants

As stated on the OISE homepage:

“Investigators seeking funding for international collaborative research may ... request supplemental funding to add international collaboration to projects supported by current NSF grants.”

# Supplements to Existing NSF Grants

- Discuss with managing disciplinary program officer and with relevant OISE country program officer
- Ask for joint review and joint consideration for funding

# Part of new proposal to NSF disciplinary program

- Many solicitations explicitly encourage international collaboration
- Discuss with managing disciplinary program officer and with relevant OISE country program officer
- Ask for joint review and joint consideration for funding

# Criteria for OISE Co-funding

- Collaborative
- Synergistic
- Catalytic
- Junior researchers & students

# **Proposals Directly to OISE**

- **Planning Visits**
- **Workshops**
- **Postdocs and Students**
- **Partnerships for International Research and Education**

# **OISE Regional Clusters**

- **Africa, Near East, South Asia**
- **Americas**
- **East Asia and Pacific**
- **Europe and Eurasia**
- **Global Initiatives**



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