

# **R&D in FY 1986: Outlook for the Next Four Years**

## **Tenth Annual AAAS Colloquium on R&D Policy**

**3 & 4 April 1985**

**Capital Hilton • Washington, D.C.**

- Discussion will be based on *AAAS Report X: Research and Development, FY 1986*, a timely and comprehensive analysis of the proposals for R&D in the FY 1986 budget, prepared by AAAS and a group of its affiliated scientific, engineering, and higher education associations. Registrants will also receive *Proceedings* following the Colloquium and *Congressional Action on R&D in the FY 1986 Budget* in the fall.
- Trends and prospects for R&D in defense, energy, health, space, and other areas will be explored by leaders from industry, universities, agencies of the federal government, Congress, the White House, and the scientific and engineering communities.
- Perspectives will be provided on topics such as deficits and the overall budget climate, R&D and industrial innovation, government organization for science and technology, public and private roles in research, and strategies for government-industry-university cooperation.

**For further details, write:** R&D Colloquium, AAAS Office of Public Sector Programs, 1776 Massachusetts Avenue, N.W., Washington, D.C. 20036

Sponsored by the AAAS Committee on Science, Engineering, and Public Policy

**American Association for the Advancement of Science**

## Preliminary Program

# Tenth Annual AAAS Colloquium on R&D Policy

## R&D in FY 1986: Outlook for the Next Four Years

3 and 4 April 1985

The Capital Hilton Hotel ● Washington, D.C.

Wednesday, 3 April

8:00 a.m. **Registration**

8:45 a.m. **Welcome**

David A. Hamburg, *President, AAAS; and President, Carnegie Corporation*

### Overview of R&D in the FY 1986 Budget

Willis H. Shapley, *Consultant to AAAS for the R&D Budget Project*

Stephen D. Nelson, *Manager, Science Policy Studies, AAAS*

9:30 a.m. **R&D in FY 1986: Budgetary and Policy Context**

Administration proposals for R&D ● New initiatives and highlights ● Overall budget and economic context ● R&D community perspectives

#### Moderator:

J. Thomas Ratchford, *Associate Executive Officer, AAAS*

#### Speakers:

George A. Keyworth, II, *Director, Office of Science and Technology Policy, Executive Office of the President*

Frank Press, *President, National Academy of Sciences*

Speaker from Office of Management and Budget to be announced.

12:30 p.m. **Luncheon**

#### Presiding:

Patricia McFate, *Chair, Committee on Science, Engineering and Public Policy, AAAS; President, American Scandinavian Foundation*

#### Address:

Robin Nicholson, *Chief Scientific Advisor to the Prime Minister of Great Britain*

2:15 p.m. **Public and Private Sector Roles in R&D**

Federal policies toward private sector R&D ● Climate for industry R&D ● Tax incentives ● Antitrust policies ● Federal R&D cutbacks ● University-industry research relationships ● Factors influencing entrepreneurship

#### Moderator:

To be announced

#### Speakers:

Arno A. Penzias, *Vice President for Research, Bell Laboratories*

Alexander MacLachlan, *Director, Central Research and Development Department, E. I. du Pont de Nemours & Co.*

Robert M. Goodman, *Vice President of Research and Development, Calgene*

Additional speaker to be announced.

4:30 p.m. **Agency Perspectives on R&D in the FY 1986 Budget**

Simultaneous small group sessions ● Highlights of major agency R&D budgets ● Congressional reactions ● Opportunities for questions and discussion

### Department of Defense

#### Speaker:

Leo Young, *Director, Research and Laboratory Management, Office of the Deputy Under Secretary of Defense for Research and Engineering*

#### Discussant:

To be announced

### Department of Energy

#### Speaker:

Joel A. Snow, *Director, Science and Technology Affairs, Office of Energy Research, DOE*

**Discussant:**

Bill Harvey, *Staff Director, Subcommittee on Energy Development and Applications, House Committee on Science and Technology*

**National Aeronautics and Space Administration****Speaker:**

Frank B. McDonald, *Chief Scientist, NASA*

**Discussant:**

To be announced

**National Institutes of Health****Speaker:**

Norman Mansfield, *Director, Division of Financial Management, NIH*

**Discussant:**

David N. Sundwall, *Professional Staff Member, Senate Committee on Labor and Human Resources*

**National Science Foundation****Speaker:**

Edward F. Hayes, *Comptroller, NSF*

**Discussant:**

Ezra Heitowit, *Staff Director, Subcommittee on Science, Research and Technology, House Committee on Science and Technology*

**National Oceanic and Atmospheric Administration****Speaker:**

John Carey, *Director, Office of Budget and Finance, NOAA*

**Discussant:**

To be announced

**U.S. Department of Agriculture****Speaker:**

Orville G. Bentley, *Assistant Secretary for Science and Education Administration, USDA*

**Discussant:**

Skip Stiles, *Administrative Assistant, Office of Representative George E. Brown, Jr.*

**6:00 p.m. Reception**

Cocktails and hors d'oeuvres • AAAS host

**Thursday, 4 April****7:45 a.m. Breakfast****Presiding:**

To be announced

**Speaker:**

Manuel Lujan, *Member, U.S. House of Representatives; Ranking Minority Member, House Committee on Science and Technology*

**9:00 a.m. Institutional Impacts: Initiatives and Reforms**

University research in difficult times • Future directions for major R&D agencies  
• State and local science and technology activities

**Moderator:**

Albert H. Teich, *Head, Office of Public Sector Programs, AAAS*

**Speakers:**

Linda S. Wilson, *Associate Vice Chancellor for Research and Associate Dean of the Graduate College, University of Illinois*

Erich Bloch, *Director, National Science Foundation*

James Wyngaarden, *Director, National Institutes of Health*

**12:15 p.m. Reception**

Cocktails • Cash bar

**12:45 p.m. Luncheon****Presiding:**

Gerard Piel, *President-elect, AAAS; and Chairman, Scientific American, Inc.*

**Speaker:**

Richard Bolling, *Former Member, U.S. House of Representatives*

**Concluding Remarks:**

William D. Carey, *Executive Officer, AAAS*

**2:30 p.m. Adjournment**