

Preliminary Program

Ninth Annual AAAS Colloquium on R & D Policy

R & D in FY 1985: Budgets, Policies, Outlooks

29 and 30 March 1984

The Shoreham Hotel ● Washington, D.C.

Thursday, 29 March

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

9:00 a.m. **Welcome**

Anna J. Harrison, *President, AAAS; and Professor Emeritus of Chemistry, Mount Holyoke College*

Overview of R & D in the FY 1985 Budget

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

Albert H. Teich, *Manager, Science Policy Studies, AAAS*

9:30 a.m. **R & D in FY 1985: Budget and
Policy Context**

Administration proposals for R & D • New initiatives and highlights • Overall budget and economic context • R & D community perspectives • Role of engineering

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*

Donald W. Moran, *Executive Associate Director for Budget and Legislation, Office of Management and Budget*

Robert M. White, *President, National Academy of Engineering*

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

Presiding:

William T. Golden, *Treasurer, AAAS*

Address:

Robin Nicholson, *Chief Scientific Adviser 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 • R & D joint ventures and limited partnerships • University-industry research relationships • Factors influencing entrepreneurship

Moderator:

Allen L. Hammond, *Editor, Science 84, AAAS*

Speakers:

Larry W. Sumney, *Executive Director, Semiconductor Research Corp.*

Daniel Berg, *Provost, Rensselaer Polytechnic Institute*

Edward B. Roberts, *Sarnoff Professor of Management, Massachusetts Institute of Technology*

4:30 p.m. **Agency Perspectives on R & D in the
FY 1985 Budget**

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

Department of Defense

Moderator:

William Herrold, *Manager, Public Affairs Programs, Institute of Electrical and Electronics Engineers*

Speaker:

Léo Young, *Director, Research and Laboratory Management, Office of the Deputy Undersecretary of Defense for Research and Engineering*

Discussant:

To be announced

Department of Energy

Moderator:

Dorothy S. Zinberg, *Lecturer on Public Policy, Center for Science and International Affairs, Kennedy School of Government, Harvard University*

Speaker:

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

Discussant:

Robert S. Kripowicz, *Staff Director, Subcommittee on Energy Development and Applications, House Committee on Science and Technology*

National Aeronautics and Space Administration

Moderator:

Robert Riebling, *Director, Propulsion Engineering, Bell Aerospace Textron*

Speaker:

Frank B. McDonald, *Chief Scientist, NASA*

Discussant:

Peter B. Perkins, Jr., *Professional Staff Member, Senate Committee on Commerce, Science, and Transportation*

National Institutes of Health

Moderator:

Charles M. Chambers, *Executive Director, American Institute of Biological Sciences*

Speaker:

Michael I. Goldberg, *Associate Director for Program Planning and Evaluation, NIH*

Discussant:

Anthony Robbins, *Professional Staff Member for Health, House Committee on Energy and Commerce*

National Science Foundation

Moderator:

Jill H. Pace, *Research Associate, Office of Public Sector Programs, AAAS*

Speaker:

Edward F. Hayes, *Controller, NSF*

Discussant:

Kristine Iverson, *Professional Staff Member, Senate Committee on Labor and Human Resources*

Environmental Protection Agency

Moderator:

William G. Wells, Jr., *Head, Office of Public Sector Programs, AAAS*

Speaker:

Bernard Goldstein, *Assistant Administrator for Research and Development, EPA*

Discussant:

Curtiss A. Moore, *Deputy Counsel, Senate Committee on Environment and Public Works*

6:00 p.m. Reception

Cocktails and hors d'oeuvres • AAAS host

Friday, 30 March

7:45 a.m. Breakfast

Presiding:

Ray Thornton, *Chairman, Committee on Science, Engineering and Public Policy, AAAS; and President, University of Arkansas System*

Speaker:

Slade Gorton, *Member, U.S. Senate; Chairman, Subcommittee on Science, Technology and Space*

9:00 a.m. Implementation: Spending the R & D Budget

Findings and recommendations of the Grace Commission R & D Task Force • Improving the management of federal R & D • Peer review and the R & D "pork barrel" • Old and new issues in university-government relations • A view from the field • Situation of agricultural research

Speakers:

Philip M. Smith, *Executive Officer, National Research Council*

Karl D. Bays, *Chairman and CEO, American Hospital Supply Corp.; and Co-chairman, R & D Task Force, President's Private Sector Survey on Cost Control*

Robert Rosenzweig, *President, Association of American Universities*

Theodore L. Hullar, *Director, Agricultural Experiment Station, Cornell University*

12:15 p.m. Reception

Cocktails • Cash bar

12:45 p.m. Luncheon

Presiding:

David A. Hamburg, *President-elect, AAAS; and President, Carnegie Corporation of New York*

Speaker:

Charles L. Schultze, *Senior Fellow, Economic Studies, Brookings Institution*

Concluding Remarks:

William D. Carey, *Executive Officer, AAAS*

2:30 p.m. Adjournment