

## Announcing the 4th

# AAAS Colloquium on R&D Policy

19-20 June 1979

Mayflower Hotel

Washington, D.C.

This highly successful colloquium, sponsored by the AAAS Committee on Science, Engineering, and Public Policy, will convene again this June in Washington, D.C. Leaders in Government, industry, and the scientific and technical community will address issues of

- **Federal R&D** • R&D issues in the FY 1980 budget • outlook for FY 1981 • problems in the budgetary process;
- **Industry R&D** • its impact on the economy • emerging federal policies on innovation;
- **International Aspects of R&D** • the role of R&D in international cooperation and assistance • R&D and U.S. foreign policy;
- **Science and Basic Research** • impact of federal R&D policies and practices on universities and academic science • public accountability vs. excessive paperwork • basic and long-term research in industry.

**RESEARCH & DEVELOPMENT: AAAS REPORT IV** by Willis H. Shapley and Don I. Phillips will be available in book form for the June 1979 Colloquium. Registrants will also receive the published proceedings of the conference.

To receive detailed program and registration information, please send your name and address to

### R&D Colloquium

AAAS Office of Public Sector Programs

1776 Massachusetts Ave., N.W.  
Washington, D.C. 20036

Copies of the preceding AAAS R&D Reports (FY'77, FY'78, & FY'79) are available at \$5.00 each (AAAS Members, \$4.50). Corresponding colloquium proceedings (FY'76, FY'77, & FY'78) are \$5.00 each (AAAS Members, \$4.50). Please write to AAAS Sales Dept. for ordering information.

universities, and it is reasonable to infer some connection between the quality of *our* teaching and the quality of *their* understanding. If we are cavalier about our methods, careless with our concepts, and condescending to our students, we can hardly expect rapt and reverent attention to our work later on.

Another factor that contributes, albeit less directly, is that of labeling. Too many of us still use such dichotomies as the exact sciences versus the social sciences, or the natural sciences versus the social sciences, thus acquiescing in the dubious propositions that our research is inherently less exact and our subject matter less natural. Why not use the more accurate and nonpejorative trichotomy of the physical, the biological, and the social sciences? Finally, we might want to use the word "theory" more carefully. If we fail to distinguish between a body of codified knowledge on the one hand and an ill-assorted set of hunches on the other, how can we expect the public to appreciate the difference?

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## East Is East . . .

In the debate on the future of the nuclear weapons laboratories, if the "changing conditions" described by Secretary of Energy Schlesinger include a move of the Livermore laboratory to a site 35 miles west of Berkeley, as reported (News and Comment, 4 May, p. 481), every effort should be made to find funds to keep the lab afloat.

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## Government-University Relations

The National Commission on Research was established in October 1978 to deal with mounting concern over the deterioration of the government-university relationship and its impact on research. Six national organizations assisted in establishing the commission: the National Academy of Sciences, the Social Science Research Council, the American Council of Learned Societies, the American Council on Education, the Association of American Universities, and the National Association of State

Universities and Land-Grant Colleges. We are, however, an independent, non-profit corporation financed primarily by private foundations. We work in cooperation with the establishing organizations but are administratively and financially separate from them. The membership is comprised of 12 leaders in education and industry who have accepted appointments as unpaid commissioners, with William H. Sewell as chairman. We have no federal officials on our commission, but we have instituted a network of liaison officials in the principal mission agencies responsible for carrying out university-based research programs and in the administrative agencies responsible for proper management of these federal activities. Through a process of hearings, review of existing studies and materials, limited data gathering, and extensive consultation with officials of universities, associations, and government, the commission will examine the means by which federal support of university research is conducted and propose changes to improve this system. The commission holds monthly meetings in Washington or on selected university campuses. It plans to issue a series of short reports on topics within its purview, focused particularly on recommendations. Advocacy for increased funding is not a direct role of the commission.

Comments on any aspect of the government-university relationship for support of research are invited. We have identified several areas of focus.

- Scientific, administrative, and fiscal accountability.
- Peer review and other selection criteria.
- Alternative funding mechanisms and instruments.
- Industry/university/government relationships.
- Development of research personnel, including young investigators and non-tenure track faculty.
- Extent of agency involvement in technical monitoring, control of research, and the publication process.
- Political and social factors affecting publicly supported research, and the environment required for research to flourish.

Any studies of these or related issues would be extremely useful to us. We are also interested in specific examples of difficulties encountered in these areas, and particularly suggestions for improvements of general applicability.

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