

1977-78 AAAS Congressional Science Fellows Selected

The AAAS has awarded three Congressional Science and Engineering Fellowships for the 1977-78 program year and is cosponsoring Fellows with the Optical Society of America and the Acoustical Society of America. These five individuals will join at least 13 other science and engineering Fellows who will be participating in the fifth year of the AAAS-coordinated program.*

Recipients of the 1977-78 AAAS Congressional Fellowships are Lyn Chambers, a psychologist from Cornell University; Eric Leber, a chemist with the Lawrence Berkeley Laboratory; and Clement Shearer, a geologist from the University of California, Santa Cruz. The Acoustical Society of America, in conjunction with the AAAS, has chosen Barry Leshowitz from the University of Arizona and most recently from the Institute for Perception Research in the Netherlands. Douglas Segar, with the National Oceanic and Atmospheric Administration, was selected by the Optical Society of America.

During their year in Washington, the Fellows will obtain a position with a Senator, Representative, or congressional

committee. Their duties, varying with individual placement, will range from performing background research and analysis to drafting legislation on national and international issues. The Fellows will also plan and participate in regular seminars and other similar activities.

This year's AAAS Fellows were chosen from a field of about 70 candidates by an ad hoc selection committee of the Association. Members of the committee were R. Darryl Banks, currently a AAAS Congressional Science Fellow with the Senate Subcommittee on Health; AAAS Board member Martin M. Cummings, director, National Library of Medicine; Harold B. Finger, general manager, Center for Energy Systems, General Electric Co.; John M. Logsdon, director, Program in Science, Technology and Public Policy, George Washington University and chairman of the AAAS Committee on Scientific Freedom and Responsibility; William R. Moormaw, former Fellow and associate professor, department of chemistry, Williams College; Thomas Moss, former Fellow and staff director, office of George E. Brown, Jr., U.S. House of Representatives; Maxine Rockoff, health science administrator, National Center for Health Services Research, National Institutes of Health; Sally Schurr, currently an APA Congressional Science Fellow, office of David R. Obey, U.S.

House of Representatives; Charles P. Wolf, former Fellow and associate professor, Environmental Psychology Program, City University of New York; and Richard Scribner, director, Congressional Science Fellow Program, AAAS.

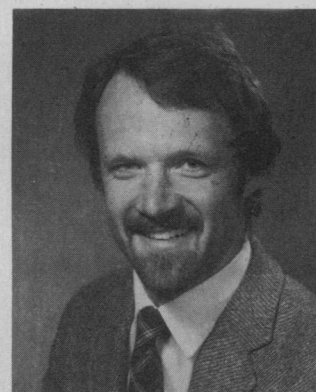
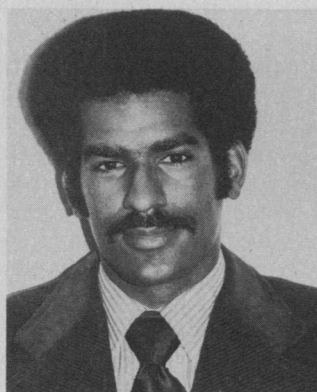
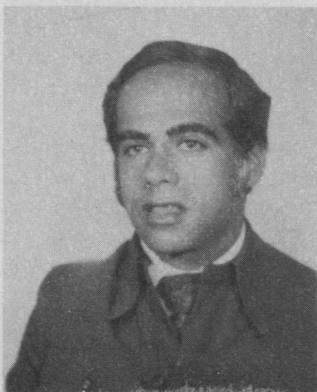
The orientation for the incoming Fellows, scheduled to begin on 7 September, will focus on meetings with members of Congress and congressional staffs, briefings on the Hill and in executive agencies, and sessions with scholars, lobbyists, and others. After this exposure to congressional workings, the Fellows enter an interview period to select their fellowship assignments.

Placement of these Fellows in their new Capitol Hill roles will bring the total number of Fellows who have participated in the program since its inception to almost 70. Over the last 4 years, Fellows have held key staff posts in the House and Senate and within the Office of Technology Assessment. They have provided staff direction and follow-through in such diverse areas as solar energy development, national energy policy, national science policy, upper atmospheric/ozone issues, and various other R & D, biomedical, and social issues. About one-third of the Fellows have remained in important congressional staff roles, and many of the others have gone on to new positions which, to varying degrees, bring together the worlds of science, technology, and public policy.

The Congressional Science and Engineering Fellow Program is designed to broaden the perspective of the scientific and governmental communities regard-



Among participants in the 1977-78 Congressional Science and Engineering Fellow Program are (counterclockwise from top left) Douglas Segar (cosponsored by AAAS and the Optical Society of America) and Barry Leshowitz (cosponsored by AAAS and the Acoustical Society of America); Lyn Chambers, Clement Shearer, and Eric Leber (sponsored by AAAS).



*The 13 Congressional Science and Engineering Fellows sponsored by other groups are: Ralph Cooper, American Psychological Association; Edward Furtak, John Martin, and Sydney Parker, Duke University; Yacov Haimes, American Geophysical Union; Al Keel and Walter Collings, American Institute of Aeronautics and Astronautics; Paul Maxwell and Thomas Sheahan, American Physical Society; Kristen McNutt, Federation of American Societies for Experimental Biology; Cathy L. Reed, American Society for Microbiology; and Balraj Sakkappa and John B. Wallace, Institute of Electrical and Electronic Engineers. The American Society of Mechanical Engineers also is expected to select two Fellows.

ing the value of science-government interaction. The program seeks to meet this goal through practical contributions to the effective use of scientific knowledge in government and through training scientists for careers involving public use of technical information.

Project on the Handicapped Holds Barrier-Free Workshop

Twenty-five representatives of organizations that are interested in, or actually planning, professional meetings that eliminate physical barriers to participation of the handicapped, met at a AAAS Project on the Handicapped in Science training workshop held 30 June at the headquarters of the American Chemical Society in Washington, D.C.

Project staff, including Martha Ross Redden and Wayne Fortunato-Schwandt and consultant Cheryl Davis, discussed with attendees such topics as the importance of barrier-free meetings; steps in initial commitment and preparation; site arrangements involving transportation for the mobility-impaired, interpretation services for the deaf, and special services for the blind; development of a resource center for handicapped meeting participants; and special activities. Project staff were assisted throughout the presentations by AAAS meetings manager Elisabeth Zeutschel, who spoke to the group about dealing with convention bureaus and hotels in making the many physical modifications necessary for accessibility in hotel meeting rooms, sleeping rooms, elevators, and bathrooms. Also representing AAAS at the workshop were executive officer William D. Carey,

who welcomed the group, and Arthur Herschman, head of the Meetings and Publications Center, who presided over the lunch session. Speakers at that session were Frank Bowe, director of the American Coalition of Citizens with Disabilities (ACCD), and Eunice Fiorito, ACCD president.

Among the organizations represented at the workshop were the American Anthropological Association; American Astronomical Society; American Chemical Society; American Educational Research Association; American Psychiatric Association; American Psychological Association; American Society for Pharmacology; American Sociological Association; American Statistical Association; National Academy of Sciences; National Council of Teachers of Mathematics; and National Science Teachers Association.

Colloquium on Research and Development in the Federal Budget

Two featured speakers at the second annual AAAS Colloquium on Research and Development in the Federal Budget, held 15-16 June in Arlington, Virginia, were Jordan Baruch, assistant secretary of Commerce for Science and Technology, and Senator Adlai E. Stevenson III. Baruch addressed the problems of what he termed "infratechnology," which require the development of innovative concepts of production. Such new ideas might be applied, for example, to the U.S. apparel industry, where foreign products are effecting a decline in American production. Traditional research and development processes, ac-

cording to Baruch, do not provide solutions to these problems.

Stevenson discussed the impact of the Senate's jurisdictional modification of its committees on research and development issues and called for support of basic, as well as applied, research. He sounded a note of caution against "determining value (of R & D projects) in strictly economic terms," and called for sensitivity on the part of both Congress and the scientific community to the expressed opinions of the lay public.

The colloquium program (see *Science*, 1 July 1977, page 32, for an additional report) consisted of three panel sessions. "R & D Budgets and Future Outlook" was moderated by William D. McElroy, chancellor of the University of California at San Diego and chairman of the AAAS Board of Directors, and discussed by panelists John Stewart, Subcommittee on Science, Technology and Space, Committee on Commerce, Science and Transportation, U.S. Senate; Hugh F. Loweth, deputy associate director, Science and Energy Technology, Office of Management and Budget; Philip M. Smith, assistant director, Natural Resources and Commercial Services, Office of Science and Technology Policy; Merwyn C. Greer, controller, Energy Research and Development Administration; Robert L. Stern, director, Business/Government Relations Research, The Conference Board; and T. Dixon Long, provost, Western Reserve College, Case Western Reserve University, and member, AAAS Committee on Science and Public Policy. The subject of "Congressional Role in R & D Budgeting" was moderated by Congressman Ray Thornton (D-Ark.). Panelists for that session were Hunter L. Spillan, Committee on Appropriations, U.S. House of Representatives; Robert B. Clark, Committee on Appropriations, U.S. Senate; Sanford A. Lakoff, professor of political science, University of California, San Diego, and member, AAAS Committee on Science and Public Policy; N. Richard Werthamer, chairman, New York State Energy Research and Development Authority; and Herbert Roback, director of studies for the Commission on Federal Paperwork, and author of a section on "Congress and R & D Budgeting" in *Research and Development in the Federal Budget: FY 1978*. "How Should R & D Decisions Be Made?" was led by Ruth M. Davis, deputy director (Research and Advanced Technology), Office of the Director of Defense Research and Engineering, U.S. Department of Defense, and a member of the AAAS Board of Directors. The



From left to right, Cheryl Davis, Ann Clark of the American Educational Research Association, and Barbara Hodsdon of the American Chemical Society, compare notes during the AAAS Project on the Handicapped in Science Workshop on barrier-free meetings.