

ers have none; and where it exists, this environmental knowledge is not always utilized in the development process. Throughout the region environmental training institutions, research centers, and coordination organizations should be strengthened while maintaining and mobilizing the specialized expertise which exists in the region to address environmental problems.

Sponsors of the Caribbean Regional Seminar were the AAAS Caribbean Division, the Interciencia Association, the Pan American Union of Engineering Societies, and the Center for Energy and Environment Research of the University of Puerto Rico. Support was furnished by the National Science Foundation, Organization of American States, Los Alamos National Laboratory, and Puerto Rican foundations and associations.

## Obituaries

*Bertram Cohen*, retired chief chemist/technical director, C. B. Doyle, Westport, Connecticut, member of Section C since 1956, 21 December 1987.

*Isadore Cohen* of Howell, New Jersey, member of Section A since 1984, 15 December 1987.

*Louise E. Cooper* of Portage, Wisconsin, member of Section T since 1973, 29 January 1988.

*Robert H. Gibbs, Jr.*, curator of the division of fishes, National Museum of Natural History, member of Section G since 1959, 3 April 1988.

*Harold L. Hansen* of Lebanon, Ohio, member of Section C since 1936, 29 December 1987.

*George G. Haydu* of LaJolla, California, member of Section N since 1947, 5 February 1988.

*R. P. Johnson* of Manhattan Beach, California, member of Section X since 1960, 11 February 1988.

*Fred R. Keeler* of Hillsboro, Ohio, member of Section E since 1984, 2 December 1987.

*J. R. Killian, Jr.*, Massachusetts Institute of Technology, member of Section M since 1956, 29 January 1988.

*Philip Levine* of New York, New York, member of Section N since 1934, 18 October 1987.

*Wilson McTeer*, Walker Methodist Health Center, member of Section J since 1934, 3 November 1987.

*John A. Maurer* of Somerset, New Jersey, member of Section G since 1956, 20 March 1988.

*W. Armstrong Price* of Austin, Texas, member of Section E since 1912, 1 November 1987.

*Akella N. Sastry*, University of Rhode Island Graduate School of Oceanography, member of Section G since 1973, 7 December 1987.

*T. S. Simpson, Jr.*, of Charlotte, North Carolina, member of Section M since 1970, 11 January 1988.

*Elmer Stotz*, Biochemistry Department, Medical and Dental School, University of Rochester, member of Section N since 1943, 22 November 1987.

*William J. Troeller, Jr.*, of Union, New Jersey, member of Section C since 1952, 1 February 1988.

*Leonide B. Vinokooroff* of Grand Rapids, Michigan, member of Section L since 1959, 12 January 1988.

*Richard Wistar* of Los Altos, California, member of Section C since 1938, 29 October 1987.

*J. J. Zuckerman*, George Lynn Cross Researcher and professor of chemistry, University of Oklahoma, member of Section C since 1963, 4 December 1987.

## AAAS Council Meeting, 1988

The AAAS Council held its annual meeting on 15 February 1988 in the Sheraton Boston Hotel, Boston, with President Sheila E. Widnall presiding and 61 of its 84 members in attendance. President-elect Walter E. Massey represented the AAAS Committee on Council Affairs.

### Executive Officer's Report

Executive Officer Alvin W. Trivelpiece summarized 1988 budget information for the council. As background, he noted that 1987 marked a return to financial stability for the association after several years of budgeted deficits. Preliminary unaudited financial results infer a modest surplus of revenue versus expenses, primarily due to increased recruitment advertising in *Science*, the earlier sale of *Science 86* to Time, Inc., and controlled expenditures by AAAS operating managers.

New initiatives in 1988 will expand the association's services to its members. This fact, coupled with the unknown effect of the stock market decline on future industrial advertising in *Science*, led the board of directors to approve a deficit projection

for 1988. If classified advertising in *Science* continues its current trend of expansion, the projected deficit may not materialize. Proposed new initiatives include a clear-film mailing wrapper for *Science*, a bimonthly AAAS newsletter, a directory of members' names and addresses, several senior staff changes, and increased support of member and council programs. For example, an open house at headquarters was held in January to honor AAAS Fellows in the Washington area and to offer them a tour of the new facilities.

As part of a long-range fiscal plan, revenues in 1988 will be augmented by a \$5 dues increase (the first dues increase in 2 years), an increase in the cost of institutional subscriptions to *Science*, and a 7 percent increase in the advertising rate. The greatest gain in revenue from these sources, however, will occur in the years following 1988. Outside funding will expand from \$3.0 million in 1987 to \$3.7 million in 1988; much of this revenue is now in hand.

Since the association has grown to the point that it requires a conventional annual report, particularly as a resource to be used in development, the AAAS development office, with the assistance of other staff, will produce the inaugural publication in May. Features will include the audited year-end financial report, roster of AAAS Fellows approved annually by the council, annual summary of grants and contracts received by

### Chairmen and Secretaries of AAAS Sections

#### MATHEMATICS (A)

Gian-Carlo Rota  
Lynn Arthur Steen

#### PHYSICS (B)

Ronald Geballe  
Rolf M. Sinclair

#### CHEMISTRY (C)

Ronald Breslow  
Blaine C. McKusick

#### ASTRONOMY (D)

Virginia Trimble  
John E. Gaustad

#### GEOLOGY AND GEOGRAPHY (E)

Bevan M. French  
Helen M. McCammon

#### BIOLOGICAL SCIENCES (G)

Bruce L. Umminger  
Judith P. Grassle

#### ANTHROPOLOGY (H)

Irven DeVore  
Priscilla Reining

#### PSYCHOLOGY (J)

Julian Hochberg  
William N. Dember

#### SOCIAL, ECONOMIC, AND POLITICAL SCIENCES (K)

Judith Blake  
William R. Freudenburg

#### HISTORY AND PHILOSOPHY OF SCIENCE (L)

David Hull  
Arthur L. Norberg

#### ENGINEERING (M)

Leroy S. Fletcher  
W. Edward Lear

#### MEDICAL SCIENCES (N)

Arnold S. Relman  
Henry Blackburn

#### AGRICULTURE (O)

William L. Colville  
Kenneth J. Frey

#### INDUSTRIAL SCIENCE (P)

Charles F. Larson  
Robert L. Stern

#### EDUCATION (Q)

Victor J. Mayer  
(To be appointed.)

#### DENTISTRY (R)

Ernest Newbrun  
Marie U. Nylen

#### PHARMACEUTICAL SCIENCES (S)

Robert A. Wiley  
Betty-ann Hoener

#### INFORMATION, COMPUTING, AND COMMUNICATION (T)

Jerome A. Feldman  
Elliot R. Siegel

#### STATISTICS (U)

Judith M. Tanur  
Joan R. Rosenblatt

#### ATMOSPHERIC AND HYDROSPHERIC SCIENCES (W)

John H. Steele  
William H. Beasley

#### SOCIETAL IMPACTS OF SCIENCE AND ENGINEERING (X)

Albert H. Teich  
Rosemary Chalk

#### GENERAL INTEREST IN SCIENCE AND ENGINEERING (Y)

Ertle Thompson  
James M. McCullough

### AAAS Divisions

#### ARCTIC DIVISION

Thomas Morehouse  
*President*

Gunter E. Weller  
*Executive Secretary*

#### CARIBBEAN DIVISION

Herminio Lugo Lugo  
*President*

Lucy Gaspar  
*Secretary-Treasurer*

#### PACIFIC DIVISION

Orrin E. Smith  
*President*

Alan E. Leviton  
*Executive Director*

#### SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

Richard S. Glass  
*President*

M. Michelle Balcomb  
*Executive Director*

For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1333 H Street, NW, Washington, D.C. 20005, unless otherwise indicated.