

man rights violations. Copies of the report are available for \$3 each (add \$1.50 per order, postage) from the AAAS Sales Department.

Clearinghouse Report. The Committee on Scientific Freedom and Responsibility's Clearinghouse on Science and Human Rights also produces a quarterly report on human rights cases and concerns. Recent issues have included articles on the use of forensic sciences in Argentina, psychiatric abuse in the Soviet Union, abuses of medical neutrality in Nicaragua, and actions taken by South African medical groups against physicians accused of malpractice in the Steve Biko case. The *Clearinghouse Report* is free, upon request, from the Clearinghouse on Science and Human Rights.

AAAS Prize for Behavioral Science Research

Submission of entries in the 1986 competition for the AAAS Prize for Behavioral Science Research (formerly called the AAAS Socio-Psychological Prize) is invited. Established in 1952 with funds donated by Arthur F. Bentley, the \$1000 prize is awarded annually for a meritorious paper that furthers understanding of human psychological-social-cultural behavior. The prize is intended to encourage the development and applications of methods for the study

of social behavior, using the logic of observation and explication so fruitful in any scientific endeavor.

Entries should present a completed analysis of a problem, the relevant data, and an interpretation of the data in terms of the assumptions with which the study began.

The winning entry will be selected by a committee of judges appointed by the Executive Officer in consultation with officers of the AAAS Sections on Anthropology (H), Psychology (J), and Social, Economic, and Political Sciences (K). The prize will be presented at the 1987 Annual Meeting in Chicago, 14 to 19 February.

Unpublished manuscripts and manuscripts published after 1 January 1985 are eligible. The deadline for receipt of entries is 25 August 1986. For entry blank and instructions, write to the Executive Office.

Review Journal Focuses on Education to Prevent Child Abuse

Teachers frequently are faced with signs of abuse, stress, and depression in the children in their classrooms, but too often they are unsure how to interpret these clues or how to act on them.

To provide a resource for teachers and others, the March/

April 1986 issue of *Science Books & Films* (SB&F) will focus on education about and prevention of abuse and other serious problems affecting children and teens. SB&F will publish some 100 reviews of films, videos, and filmstrips on the general subject of the social and psychological problems of children and teens today, with an emphasis on prevention. As a special feature, the magazine will carry a guest editorial on child abuse and molestation by Senator Paula Hawkins (R-FL), a strong child protection advocate.

SB&F reviewers note that films used as supplements in the classroom help educators teach children about such difficult subjects as sexual molestation and can show teenagers that they are not alone as they learn to cope with the stresses of growing up. Some of these educational programs can also provide guidance to parents and educators.

"... Together, through the media," writes Hawkins, "we are ... educating the public, especially potential child victims, about prevention."

SB&F has published several theme issues during the past year, including a comprehensive evaluation of high school biology textbooks in May 1985. Evaluations of high school chemistry and physics textbooks will be published in the May 1986 issue. SB&F is published five times yearly, reviewing some 300 books, films, videos, and filmstrips in the sciences and

mathematics in each issue. The annual subscription is \$20 (AAAS members deduct 10 percent). For more information, write SB&F at the AAAS address.

Salaries of Scientists and Engineers Barely Keeping Abreast of Inflation

Salary gains have been modest over the past 2 years for scientists and engineers, just keeping ahead of inflation. However the job market, particularly for new graduates in some areas of engineering, has improved considerably since 1983, according to *Salaries of Scientists, Engineers, and Technicians*, a new report by the Scientific Manpower Commission.

Some of the report's findings are:

■ **Demand Up—Slight Salary Increases for New Graduates**—The volume of offers to new graduates at the bachelor's level increased about 5 percent in 1985, with engineering disciplines faring best. The SMC found that offers to chemistry graduates, averaging \$22,764, were up 8 percent over 1984, but the number of offers dropped more than 12 percent; while biological science graduates continue to receive the lowest salary offers in the sciences category, \$17,196, and social science graduates recorded a sal-

Chairmen and Secretaries of AAAS Sections

MATHEMATICS (A)
Daniel Zelinsky
Lynn Arthur Steen
PHYSICS (B)
Ralph O. Simmonds
Rolf M. Sinclair
CHEMISTRY (C)
Rustum Roy
Jeanne M. Shreeve
ASTRONOMY (D)
David Morrison
John E. Gaustad
GEOLOGY AND
GEOGRAPHY (E)
William H. Matthews III
Helen M. McCammon

BIOLOGICAL SCIENCES (G)
Betty M. Twarog
Judith P. Grassle
ANTHROPOLOGY (H)
Albert C. Spaulding
Priscilla Reining
PSYCHOLOGY (J)
John I. Lacey
William N. Dember
SOCIAL, ECONOMIC, AND
POLITICAL SCIENCES (K)
David Mechanic
David L. Sills
HISTORY AND
PHILOSOPHY OF SCIENCE (L)
Edward Grant
Arthur L. Norberg
ENGINEERING (M)
Henry McGee
W. Edward Lear

MEDICAL SCIENCES (N)
Alfred P. Fishman
Jonathan E. Rhoads
AGRICULTURE (O)
Roy G. Creech
Ralph J. McCracken
INDUSTRIAL SCIENCE (P)
Robert H. Pry
Robert L. Stern
EDUCATION (Q)
John F. Schaff
Joseph D. Novak
DENTISTRY (R)
Gordon H. Rovellstad
Harold M. Fullmer
PHARMACEUTICAL
SCIENCES (S)
Edward G. Rippie
Betty-ann Hoener

INFORMATION,
COMPUTING, AND
COMMUNICATION (T)
Karen B. Levitan
Elliot R. Siegel
STATISTICS (U)
J. Stuart Hunter
Edward J. Wegman
ATMOSPHERIC AND
HYDROSPHERIC SCI-
ENCES (W)
F. Kenneth Hare
Bernice Ackerman
SOCIETAL IMPACTS OF
SCIENCE AND
ENGINEERING (X)
Harold P. Green
Rodney W. Nichols

AAAS Divisions
ARCTIC DIVISION
Richard Bushey
President
Gunter E. Weller
Executive Secretary
CARIBBEAN DIVISION
Juan A. Bonnet, Jr.
President
Lucy Gaspar
Secretary-Treasurer
PACIFIC DIVISION
Geoffrey G. E. Scudder
President
Alan E. Leviton
Executive Director

SOUTHWESTERN AND
ROCKY MOUNTAIN
DIVISION
Donald J. Nash
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.

ary increase of 6.4 percent, bringing their starting salaries to \$18,540.

■ **Faculty Salaries Outpacing Inflation**—Faculty salaries are up 6.6 percent in 1984–85 to an average \$30,960. After accounting for inflation, the increase is about 2.5 percent—the largest rise since the 1960's. However, faculty salaries vary considerably by discipline. Newly hired assistant professors in fields where academe is competing for talent with private industry, such as accounting, engineering, and computer science, earn substantially more than the average for all newly hired assistant professors.

■ **Salary Differences Between the Sexes Still Very Evident**—Although beginning salary offers to women in engineering and accounting were comparable to those made to men, offers in other fields were lower for women. The difference ranged from \$560 per year in computer science to \$3768 in the health professions. The biological sciences, in addition to showing the lowest average offers in any field, also showed one of the widest gaps between men and women—\$18,312 and \$16,452 respectively. Women working in managerial and professional occupations reported earnings in the first quarter of 1985 that were 51 percent below those reported by men working in these occupations.

Salaries of Scientists, Engineers, and Technicians outlines changes in the 1980's using 212 tables of salary data from more than 50 salary surveys to provide a broad range of information on starting and advanced salaries by field, experience level, degree level, and type of employer, with differentials by sex, type of job, and geographic area. The report makes possible a close comparison of salaries in every field of science and engineering (as well as some comparative information in other fields) for professionals employed in business, government, universities, and other employment sectors.

Salaries of Scientists, Engineers, and Technicians by Eleanor L.

Babco (Washington, D.C., Scientific Manpower Commission, 196 pp., 12th ed., November 1985) is available for \$35 prepaid from the Scientific Manpower Commission, 1500 Massachusetts Avenue, NW, Suite 831, Washington, D.C. 20005.

ELEANOR L. BABCO
Scientific Manpower Commission

Association Strengthens African Ties

It has been just over 1 year since the African Regional Seminar on the Role of Scientific and Engineering Societies in Development in Grand Bassam, Ivory Coast (see *Science* 8 February 1985, p. 625). The year has seen AAAS and its affiliates initiate a number of projects in response to the Seminar's call for greater cooperation and improved communications.

One of the first follow-on activities is the distribution of journals to institutions in sub-Saharan Africa. Current issues and back runs of periodicals are donated by members of the AAAS Consortium of Affiliates for International Programs and distributed by air with the assistance of the United States Information Agency (USIA). The U.S. National Science Foundation was instrumental in negotiating the arrangements involving AAAS and USIA.

The American Society of Microbiology, in cooperation with the American Institute of Aeronautics and Astronautics, IntelSat, and Comsat are cooperating in a demonstration lecture series by direct satellite transmission. The initial lectures were broadcast in January to universities in five African countries, and dealt with recent advances in the treatment of diarrheal and fungal diseases. Planning for this project began during the Grand Bassam meeting.

Another result of the Seminar is the publication of a *Directory of Scientific and Engineering Societies in sub-Saharan Africa*. An agreement between AAAS and

the African Regional Center for Technology in Dakar, Senegal, provides for updating this first edition of the *Directory* and assessing the need for additional directories to serve as guides to the scientific and engineering resources and expertise available in sub-Saharan Africa.

The AAAS and its African colleagues recently have begun to explore publication of a new African journal of science and technology. The study is being conducted by groups of African and American scientists familiar with journal publishing, with financial support from Carnegie Corporation of New York. Leading the effort in Africa are Thomas Odhiambo, director, International Center for Insect Physiology and Ecology, Nairobi, Kenya, Anthony Youdeowei of the University of Ibadan, Nigeria. On the AAAS side Philip Abelson, former editor, *Science*, Gerard Piel, chairman of the board *Scientific American*, and president, AAAS, and J. Thomas Ratchford, AAAS associate executive officer, have leading roles.

These activities represent a beginning in efforts to strengthen the sub-Saharan African scientific and engineering community. AAAS, through its Office of International Science, promotes this and other initiatives to bring science and technology to bear on problems of development in Third World nations.

The *Report* (in English or French) and *Proceedings* of the African Regional Seminar are available from AAAS. Detailed information concerning these follow-on projects are available from Barry D. Gold, Office of International Science, AAAS.

Obituaries

Jerome S. Abrams of Burlington, Vermont, member of Section N since 1969, 17 September 1985.

Paul Boschan of New York, New York, member of Section A since 1947, 4 October 1985.

Joseph Cochran, Department of Pharmacology, Boston University Medical School, member of Section N since 1955, 19 October 1985.

H. A. Davenport of Schaumburg, Illinois, member of Section N since 1946, 16 October 1985.

Ralph O. Freeland of Racine, Wisconsin member of Section G since 1942, 8 September 1985.

Walter Gordy, Department of Physics, Duke University, member of Section B since 1940, 6 October 1985.

Marvin Green, founder, neonatal unit, University Hospital, SUNY, Stony Brook, member since 1983, 22 August 1985.

Horace Thompson Hall of Summerville, South Carolina, member of Section C since 1984, 24 September 1985.

James D. Hardy, director emeritus, John B. Pierce Foundation Laboratory, Yale University, member of Section G since 1956, 6 September 1985.

Donald O. Hebb, honorary professor, Department of Psychology, Dalhousie University, member of Section J since 1957, 20 August 1985.

Harmon E. Keyes, consulting engineer, Tempe, Arizona, member of Section M since 1956, 16 February 1985.

Joseph Kovacs, chairman, Department of Chemistry, Saint Johns University, member of Section C since 1972, 14 June 1985.

Helmut E. Landsberg, professor emeritus and former director, Department of Meteorology, University of Maryland, member of Section E since 1935, 6 December 1985.

Karl Menger, Department of Mathematics, Illinois Institute of Technology, member of Section A since 1979, 5 October 1985.

Benjamin S. Meyer of Birmingham, Alabama, member of Section N since 1952, 22 August 1985.

G. Burroughs Mider, deputy director (retired), National Library of Medicine, member of Section N since 1943, 13 December 1985.

C. Phillip Miller of Chicago, Illinois, member of Section N since 1921, 4 September 1985.

Francis E. O'Meara of Rockville, Maryland, member of Section B since 1959, 24 August 1985.

Rogers D. Rusk, professor emeritus of physics, Mount Holyoke College, member of Section B since 1928, 15 August 1985.

Raymond D. Smith of Daytona Estates, Florida, member of Section T since 1963, 22 August 1985.

Robert W. Stone of University Park, Pennsylvania, member of Section G since 1963, 13 October 1985.