

ther have a code of ethics or are in the process of drafting one, the rationale behind the codes varies widely. A society may develop a code based on the highest ideal to which a professional can aspire, such as "... to discourage enterprises or practices inimical to the public interest or welfare . . ." (The Chemist's Creed, American Chemical Society). On the other hand it might develop a code that provides minimum standards for professional behavior, and clearly lays out procedures for correcting wrongdoing.

The Group will meet again in the Fall. All AAAS-affiliated scientific and engineering societies are invited to designate a representative to participate in the Professional Society Ethics Group. For further information write Sally Painter, CSFR, at the AAAS address.

SALLY PAINTER

*Committee on Scientific  
Freedom and Responsibility*

## Summer Fellows Work on Environmental Issues and with Mass Media

The AAAS Mass Media Science and Engineering and the Association's Environmental Fellows Programs again placed scientists and engineers at media sites around the country and in the U.S. Environmental Protection Agency (EPA).

Since 1975, with support from the National Science Foundation and a number of corporations and foundations, AAAS has administered the Mass Media Science and Engineering Fellows Program as a part of its public understanding of science activities.

The 10-week summer program places 15 to 20 advanced students in science and engineering, primarily at the graduate level, with various print and broadcast sites across the country. Through this experience in science communication, the Fellows strengthen their skills in translating complex technical subjects to nonspecialists while acquiring an understanding of editorial decision-making and the ways in which news is disseminated effectively. A parallel goal of the program is to strengthen the relationship between scientists and engineers and the media.

Karen Wright, one of 17 1985 Mass Media Fellows, came to the program with a background in molecular biology at Bucknell University. Her experience at the *Atlanta Journal-Constitution* dem-

onstrates the value of being able to communicate—scientist to scientist—with interview subjects.

"As soon as they (scientists) learn about my background, they open up like steamed clams—they get excited about what they're telling me, they fill in small but fascinating details that make a story

more readable, and they offer more background and insight into their motives and goals," observes Wright.

"It certainly has convinced me that there's a niche waiting to be filled, and that the AAAS program has targeted a very important need—journalists who know what makes science tick, and who



1985 Environmental Fellows, left to right, first row; Appiah Amirtharahah, Johns Hopkins University; Margaret Carter, West Chester University; Jerzy Filar, Johns Hopkins University; Patricia Bradt, Lehigh University; second row: William McTernan, University of Wyoming; Marylynn Yates, University of Arizona; Lisa Nowell, University of California, Davis; Patricia Curlin, program manager, AAAS; Terry Shehata, Maine State Department of Human Services; and Deborah Ross, Procter and Gamble Company.



1985 Mass Media Fellows and their media sites are, left to right, kneeling: Ethan Canin, *Newsweek*, New York City; Judy Berlfein, KUNC-FM, Greeley, Colorado; Richard Strickland, WPLG-TV, Miami; Bruce Lewenstein, "Innovations," WNET-TV, Newark; standing: June Wiaz, program coordinator, AAAS; Hilda Colon, KPBS-FM, San Diego; Therese Lloyd, *U.S. News and World Report*, Washington, D.C.; Carl Winter, Richmond (Virginia) *Times Dispatch*; Nanette Sterman, Cable News Network, Atlanta; Stephen Redhead, Smithsonian World, Washington, D.C.; Karen Wright, *Atlanta Journal-Constitution*; Janet Weinrib, Charlotte (North Carolina) *Observer*; Carol Savonen, *Portland Oregonian*; Steve Mirsky, WSVN-TV, Miami; Ann Heise, *Milwaukee Journal*; Shara Lewis, WOSU-AM/FM, Columbus, Ohio; and Glenn Vogt, Chedd-Angier Production Company, Watertown, Massachusetts.

know first-hand what a proton, antibody, petri dish, or non-Newtonian fluid is.”

Of the 170 program alumni to date, a substantial number have been encouraged by their fellowships to pursue careers related to science journalism. Graduates of the program are now at *Newsweek*, the *San Francisco Chronicle*, *WDVM-TV* (Washington, D.C.), and *CBS News*, to name only a few. Other graduates have reported use of their acquired science communication skills in their work in science and engineering.

Applications for the 1986 Mass Media Science and Engineering Fellows Program can be obtained from the Office of Public Sector Programs at the AAAS address. (Deadline for the 1986 program will be 1 February 1986.)

The EPA benefited this summer from the expertise of ten Environmental Science and Engineering Fellows. For 10 weeks, these special consultants worked in what the Agency considers significant areas of research. This summer those included waste water disposal and regulations in wetlands, environmental enforcement strategies, chloroform as a colon tumor promoter, and biotechnology research related to toxics.

Since 1981 when the program began, 34 Environmental Fellows have assisted the EPA's research and development planning and policy-making. Chiefly, they help identify and assess future environmental problems and opportunities. As postdoctoral to career scientists and engineers, the Fellows also provide the Agency with an important link to the scientific community.

Further information about the program and copies of the Fellows' research reports are available from Patricia S. Curlin, Environmental Science and Engineering Fellows Program, at the AAAS address.

## Issues on Arms Control Featured in New Publications

The AAAS Committee on Science, Arms Control, and National Security has produced several timely publications on the critical issues of arms control and the role of science. Publications are available now to AAAS members at discount prices.

*The Strategic Defense Initiative: Some Arms Control Implications* describes the meaning of SDI for the Anti-ballistic Missile Treaty, for nuclear arms

control negotiations, for limiting antisatellite weapons, and for the NATO alliance and counteractions by the Soviet Union. Contains congressional action recommendations. 1985; 48 pages; member price \$2 each; nonmember price \$2.50 each.

*Strategic Nuclear Arms Control Verification Terms and Concepts: A Glossary* is a comprehensive glossary of weapons technology, arms control, and treaty terminology. 1985; 48 pages; member price \$2 each; nonmember price \$2.50 each.

*Strategic Nuclear Arms Control Verification: An Annotated Bibliography, 1977-1984*, an up-to-date guide to books and articles suitable for class or research use. 1985; 108 pages; member price \$6 each; nonmember price \$7.50 each.

Order from the Committee on Science, Arms Control, and National Security at the AAAS address. Please include \$1.50 postage and handling per order.

## AAAS Offers Desk Diary for 1986

A new publication—the AAAS Desk Diary—including color photographs, reference sections, and great discoveries in science, as well as a full calendar for 1986, is available at a special members only discount.

The Diary's week-at-a-glance format, on 144 10¼ by 8¼ inch pages, features half-hour appointment blocks and is illustrated with 118 photographs and drawings. Major events, anniversaries, and science and technology history are noted throughout.

The special reference section includes a national inventors' hall of fame, a listing of great books in science, a 3-year calendar, and an address and telephone directory.

The 1986 AAAS Desk Diary is available to members for \$19.70 (\$17.95 plus \$1.75 postage and handling), a savings of 10 percent off the regular price. To order, send check to AAAS Desk Diary, P.O. Box 616, Holmes, Pennsylvania 19043. Diaries will be mailed beginning 1 October 1985.

## Call for Nominations: 1986 General Election

The Committee on Nominations will meet this fall to select candidates for the 1986 general election. The Committee invites AAAS members to submit nomi-

nations, including self-nominations, for the positions of President-Elect and members of the Board of Directors.

Current Board members are listed on the contents page of *Science*. Candidates for terms to start 31 May 1986 are listed in the 14 June 1985 issue.

Nominations should be sent to the Executive Officer, AAAS, 1333 H Street, NW, Washington, D.C. 20005, no later than 31 October 1985. Each nomination must be accompanied by a curriculum vitae of the proposed candidate.

## Arid Lands Conference Slated for October in Tucson

The international research and development conference, "Arid Lands: Today and Tomorrow," will feature presentations from scientists from more than 25 countries during the week of 20 to 25 October 1985 in Tucson, Arizona.

Topics to be discussed at the conference include arid lands climate, desertification, underutilized plants, irrigation and water management, crop physiology, desert ecology, range management, and economic development.

This major international conference will include short courses, adjunct meetings, and field trips running from 13 to 28 October.

Cosponsors of the conference are AAAS, Unesco, U.S. Agency for International Development, U.S. Man and the Biosphere Program, and the Winrock International Institute for Agricultural Development. The week-long technical sessions are hosted by the University of Arizona in Tucson. The meeting marks the 25th anniversary of Unesco's Arid Lands Major Project, and is part of the University of Arizona's Centennial celebrations.

Conference registration is \$125, \$85 for students; additional events are scheduled with participation optional. For a conference brochure and registration information, write Conference Department, Division of Continuing Education, University of Arizona, 1717 East Speedway, Suite 1201, Tucson, Arizona 85719.

**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.**