

filiated societies and sections.

During its Council meeting, the Division chose Frederick Nichols (U.S. Geological Survey, Menlo Park) as president-elect. Stanley Williams (Departments of Biology and Computers, San Francisco State University) was elected to the executive committee, and two council members-at-large were voted in, William Lunch (Department of Political Science, OSU) and Harold Tukey (Department of Forestry, University of Washington).

At the Division's awards banquet, OSU president and marine geologist John Byrne welcomed the group to the campus. Division president Orrin E. Smith (associate dean, OSU College of Agricultural Sciences) conducted the student awards ceremony. Prizewinners of Division-wide awards for excellent papers given at the meeting went to

Jose Ignacio del Real-Laborde (Utah State University: Klauber Award), Thomas Kaye (OSU: Lindsay Award), B. Vasiliki Vassil (San Jose State University: Sunshine Mining Award), Cheryl Ingersoll (OSU: ARCO Environmental Sciences Award), M. G. Dosskey (OSU: Larus Award), and Linda Chalker-Scott (OSU: Larus Award). Students who won section and affiliate awards for papers included Margaret Black (OSU), M. D. Dosskey (OSU), Craig Hazen (University of California, Santa Barbara), David Jordan (OSU), S. L. McGeehan (University of Idaho, Moscow), Robert Miller (Montana State University), Edith Read (University of California, Irvine), Scott Robinson (OSU), and John Weiland (OSU).

Copies of the Meeting program and abstracts of most of the papers presented are printed

in the Division's Proceedings, available for \$3 from Alan E. Leviton, executive director, Pacific Division AAAS, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118.

Joint U.S.— Hungarian Seminar on Biotechnology

"Recent Developments in Biotechnology Applied to Agriculture and Food Industry," a joint seminar sponsored by AAAS and the Hungarian Federation of Technical and Scientific Societies (MTESZ), involved some 8 U.S. and 20 Hungarian participants in an information exchange about the fundamental molecular biology of agricultural plants and animals.

The seminar, held 16 to 20 May 1988 in Budapest, focused on biotechnology applications for both plants and animals and an improvement of species in growth, resistance to invasion, yield, and quality. It looked at model systems appropriate to analysis as well as economically important plants and animals.

Participants also visited the Biology Research Center and the Cereal Research Institute in Szeged, and the Meriklon Research Laboratory in Budapest. A number of cooperative research projects are expected to result from the seminar, and the Hungarian organizers are publishing the proceedings for distribution later this year.

The seminar resulted from a collaborative tie established in 1984 between AAAS and MTESZ. Since that time, several Hungarian experts have attended AAAS meetings including the R&D Policy Colloquium and the Annual Meeting. MTESZ is a nongovernmental organization composed of the scientific and engineering societies of Hungary and their members. MTESZ seeks to promote science and technology in Hungary, and to play an increasing role as a source of advice to the government about matters related to science and technology. Plans are being made for a second joint AAAS-MTESZ seminar on a different scientific topic. For further information, contact Sandra M. Burns, Office of International Science, at the AAAS address.

Third Annual Arms Control Colloquium Set for October

"Technology and Arms Control for the 1990s" will be the focus for the third annual Colloquium on Science, Arms Control, and National Security, 13 and 14 October 1988. The Colloquium will address such issues as the challenge a new administration will face in building on the arms control agreements of the 1980s; the implications of

Read All About It!

The AAAS Observer, a new periodical for AAAS members, will make its debut next month.

The 16-page publication will mix features, commentary, interviews, regular columns, profiles, and news of AAAS activities in an attractive, lively format. *The AAAS Observer* is designed to give members fast, readable information about the huge array of professional issues woven into today's world of science.

Members will receive the first edition with the 2 September issue of *Science*. *The AAAS Observer* will be published every other month to start, with an increase in frequency later "if demand warrants," said Alvin W. Trivelpiece, AAAS executive officer. "I believe the *Observer* will be a lively, popular, and useful publication for the members of the AAAS, but in the end it is they who will have the final say," he said.

The Association needed the new publication to increase communications with its large membership. Most members regard *Science* as their principal benefit, Trivelpiece said, but "they are not generally aware of what else the AAAS does for them or on their behalf." Association activities range from analysis of the federal science budget to improving employment opportunities for minorities, women, and the handicapped, and include fellowship programs, human rights activities, and projects on science education.

Members were involved in *The AAAS Observer* at an early stage, when they were invited to enter a contest to name the new publication. Physicist Alfred B. Bortz submitted the winning entry, noting, "Since science begins with observing, the name of your newsletter should be *The AAAS Observer*." Bortz is assistant director of the Magnetic Technology Center at Carnegie Mellon University in Pittsburgh.

News about the AAAS will continue to appear regularly in *Science*, although this is the last appearance of the present "AAAS News" section, which has been edited by Joan Wrather of the Office of Communications. With its 7 October issue, *Science* will begin publishing a new two-page section covering Association activities. This new section also will appear every other month, alternating months with *The AAAS Observer*.

Tabitha M. Powledge will serve as editor of both *The AAAS Observer* and the Association activities pages of *Science*. Formerly editor of *The Scientist* and senior editor at *Bio/Technology*, Powledge also was a science policy analyst at the Hastings Center for several years. The new publication's art director will be Janice Conklin, previously with *The Scientist* and *Science* 86.

advancing technology for further arms control efforts; and the major trends, both troublesome and reassuring, affecting the defense technology base.

These and other topics will be discussed by Colloquium panelists such as Ambassador Ronald Lehman, assistant secretary of Defense for international security policy; Brent Scowcroft, vice president, Kissinger Associates; and Michael May, associate director, Lawrence Livermore Laboratory; John Deutch, provost, Massachusetts Institute of Technology; Thomas Cochran, senior staff scientist, Natural Resources Defense Council; and Ashton Carter, associate director, Center for Science and International Affairs, Harvard University.

In addition to plenary sessions, major addresses will include those by Robert Gates, deputy director, Central Intelligence Agency, on the future of U.S.-Soviet relations; and Wolfgang Panofsky, director, High Energy Physics Laboratory, Stanford University, discussing the role of science in making national security policy.

In each of the past 2 years, the Colloquium has brought together some 400 scientists, government policy-makers, business leaders, educators, and interested citizens to examine how science and technology interact with arms control and national security.

The Colloquium, sponsored by the AAAS Program on Science, Arms Control, and Na-

tional Security, will be held at the Capital Hilton Hotel in Washington, D.C. All registrants will receive a *Conference Reader*, containing over a dozen essays on technology and arms control, and the complete proceedings of the Colloquium.

For more information on the Colloquium and registration forms, see the upcoming 12 and 26 August and 9 September issues of *Science*, or write to Raymond Orkwis, Program on Science, Arms Control, and National Security at the AAAS address.

EPA Fellows Pursuing Range of Research

The AAAS Environmental Science and Engineering Fellows arrived in Washington 6 June to begin 10-week fellowships at the U.S. Environmental Protection Agency (EPA). This program, now in its eighth year, places scientists at EPA headquarters, where they work on a research project that is chosen on the basis of the Fellow's interests and EPA priorities.

The AAAS arranges an orientation for the Fellows during their first week in Washington to introduce them to the agencies involved in environmental issues; this is followed by a weekly seminar series throughout the summer. During their last week at EPA, the Fellows present oral reports to EPA administrators and staff on the re-

sults of their research projects.

This year's Fellows and their research interests are: Andrea M. Dietrich (Virginia Polytechnic Institute and State University), organic environment analysis using mass-spectrometric techniques; Daniel Gallagher (Virginia Polytechnic Institute and State University), water quality monitoring; George R. Helz (University of Maryland), fate of pollutants in natural waters, especially estuarine waters; Hugo A. Loaiciga (Wright State University), ground-water monitoring; James R. Mihelcic (Carnegie Mellon University), fate and transport of organic compounds in soil water systems; Emily Monosson (Cornell University), marine monitoring; Kathleen C. Raffaele (The Johns Hopkins University), effect of organophosphates on memory; Joan B. Rose (University of Arizona), risk assessment in waterborne protozoa; Shang-gyoo Shim (State University of New York at Albany), acid deposition modeling; and Frieda Taub (University of Washington), risk assessment for genetically engineered organisms.

For further information on the program, contact Lisbeth A. Levey, Office of Public Sector Programs, at the AAAS address.

AAAS Travelers

The Sri Lanka Association for the Advancement of Science (SLAAS) has invited AAAS to send a representative to its 44th Annual Session, set for 5 to 9

December 1988 in Colombo. The theme of the session will be "Education, Science, and Culture."

The AAAS delegate has been invited to deliver a lecture in his or her area of expertise to the relevant SLAAS section. SLAAS is especially interested in fostering interaction between foreign delegates and the Sri Lanka scientific community.

AAAS members who plan to be in the area in December and/or who know of colleagues on sabbatical in the region who might be able to attend the meeting, should contact Sandra M. Burns, Office of International Science, at the AAAS address, before 30 September 1988. Please include a curriculum vitae. While no travel funds are available, AAAS will provide per diem for the meeting.

Obituaries

Miltiadis I. Iliopoulos, research specialist, Moray Chemical Company, Pittsburgh, Pennsylvania, member of Section C since 1970, 20 June 1988.

Ralph A. Messing of Horseheads, New York, member of Section C since 1956, 10 May 1988.

Sidney Mittler, Department of Biological Sciences, Northern Illinois University, member of Section G since 1948, 20 March 1988.

Robert B. Moore of Concord, California, member since 1987, 9 March 1988.

Hans A. Panofsky of San Diego, California, member of Section W since 1966, 28 February 1988.

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
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BIOLOGICAL SCIENCES (G)
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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

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Executive Secretary

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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.