

Seen Any Good TV Lately?

You can help select the best television and radio reports about science to receive the prestigious AAAS-Westinghouse Science Journalism Award for 1990. Broadcast entries range from DNA fingerprinting to space flight to ecology to how the mind works, and must be screened for scientific accuracy. If you will be in the Washington, D.C., area, during late August or early September, we need your help to review entries in your field at AAAS headquarters. Call or write Joan Wrather, AAAS Office of Communications, 1333 H Street, NW, Washington, DC 20005, 202-326-6440 by 20 August.

Science and Black Churches

Funded by the Ford Foundation, the AAAS Black Church Project promotes education in science, mathematics, and computers within the black community. The project conducted a matching mini-grants competition to encourage churches and nonprofit groups working with them to sponsor programs in their region. Applicants could request up to \$500 for programs that would serve preschool children, K-12 students, and their parents or guardians. Types of programs that the applicants proposed are workshops for teachers to develop science and mathematics classroom strategies; field trips to science museums, zoos, aquariums, and botanical gardens; math and science career days; and science projects undertaken with Scout troops.

Churches that received grants

from the competition varied in denomination, geographical region, and the size of the community served. Among the cities represented are Baltimore, Chicago, Detroit, Houston, New Orleans, New York, Philadelphia, and Washington, D.C. Churches in smaller towns in several states also received grants; eight Louisiana towns in addition to New Orleans won awards, for example. For a list of the grants or more information about the Project, write or call Audrey Daniel, Dara Prout, or Treopia Washington, AAAS Directorate for Education and Human Resources, 1333 H Street, NW, Washington, DC 20005, 202-326-6670.

Malaria Strategies for Africa

Eighty percent of the 100 million cases of malaria worldwide each year occur in Africa. Several factors, including urbanization of the African population, resistance of parasites to drugs, and lack of eradication efforts, contribute to the problem.

The AAAS Sub-Saharan Africa Program, under a cooperative agreement with the Agency for International Development, is undertaking a yearlong project to provide expertise and develop strategies to combat malaria in Africa. In identifying control strategies, AAAS is using knowledge within its affiliated societies to review sociocultural, economic, and behavioral factors; environmental and urbanization issues; health care delivery systems; and natural science applications for malaria prevention and control. AAAS is maintaining liaison with the appropriate U.S.

and international health organizations. The project requires collaboration with African scientists, to benefit from their firsthand experience, and will strengthen African scientific and technological capacity, contributing to the sustainability of regional programs.

AAAS is organizing an international workshop on malaria strategies, to be convened in spring 1991 in Africa. Participants, primarily African specialists, will weigh recommendations for action to be incorporated into a widely distributed report. For further information, please contact AAAS Sub-Saharan African Program, 1333 H Street, NW, Washington, DC, 20005, 202-326-6650.

Health Treatment for Torture Survivors

Based on the proceedings from two AAAS symposia, *Health Services for the Treatment of Torture and Trauma Survivors* presents information on health care programs for persons who have suffered from traumatic human rights violations. The edited volume contains ten papers by health professionals in the field describing the problem of torture, efforts to document injuries, and the climate in which professionals provide help. It contrasts therapeutic approaches adopted by those who assist refugees with approaches used where torture and human rights violations are a continuing threat. The report concludes with an international directory of clinics and centers in 13 countries where these health services are offered. The report is available for \$8 (prepaid orders only) from the AAAS Directorate for Science and

Policy Programs, 1333 H Street, NW, Washington, DC, 20005.

Chaos Rampant

AAAS is publishing *The Ubiquity of Chaos*, edited by Saul Krasner (\$24.95 for AAAS members, \$31.50 others, prepaid orders from AAAS Books, Box 753, Waldorf, MD 20604; California residents, add applicable tax). The discovery of random, chaotic solutions to deterministic laws of nature has ignited interest in the study of nonlinear dynamics. While such solutions should be predictable, a certain nonlinearity in the laws governing them makes them so sensitive to initial conditions that they exhibit statistical behavior. With the advent of sufficient computer power, it has been found that behind this randomness lies beauty and structural symmetry. This volume, forthcoming in late September, presents results of investigations of chaos mathematics in areas such as physiology and medicine, economics, world affairs, fluid and celestial mechanics, and quantum systems.

AAAS Mass Media Fellows

Ever considered trading in your microscope for a tape recorder? How about your lab coat for a lap top? Seventeen scientists and engineers have done just that for the sake of science communication as 1990 AAAS Mass Media Science and Engineering Fellows.

The program selects students in the natural and social sciences and engineering and assigns them for them to work for 10

weeks at media organizations nationwide. The Fellows research, report, and produce news pieces about science in newspapers, magazines, and television and radio stations. They learn how news is disseminated and improve their skills in communicating complex technical subjects to nonspecialists.

Scientists and journalists are strange bedfellows at best, with neither profession fully understanding or appreciating—or, indeed, trusting—the intentions of the other. AAAS educates scientists about the ways of the media, and vice versa, by encouraging scientists and journalists to work together toward a common goal. The goal in this case is enhanced public understanding of science and technology through more accurate, frequent, and in-depth coverage of science issues by the media.

The Mass Media Fellows are from diverse academic backgrounds but share a common interest: they like to write. 1990 Fellows include four medical students; a number of biologists, chemists, and physicists; a sociologist; a geographer; and an ecologist. Involved as host sites are nine newspapers (*Chicago Tribune*, *Dallas Morning News*, *Oregonian*, *Philadelphia Inquirer*, *Detroit Free Press*, *Milwaukee Journal*, [Raleigh] *News & Observer*, *Richmond Times-Dispatch*, and *Washington Post*); two news magazines (*Time* and *Newsweek*); two national public radio stations; three TV stations (ABC's *Good Morning America*, CNN, and KIRO); and a production company specializing in television documentaries.

Many of the Fellows will return to the laboratory upon completion of the fellowship;

however, they will likely incorporate new activities related to science communication into their work in science and engineering. Other Fellows may choose to pursue a career in science journalism. Either way, science and technology are made more accessible—and less threatening—to a greater audience.

The AAAS Mass Media Fellows Program is supported by grants from private corporations, foundations, and associations, as well as by AAAS. Fellows receive a weekly stipend of \$350 plus all travel expenses paid. Information on the 1991 program is available from the Directorate for Education and Human Resources, AAAS, 1333 H Street, NW, Washington, DC 20005. All interested students are encouraged to apply.

■ SUSAN L. SAUER

Public Science Day 1991

On 14 February 1991, AAAS will sponsor a Science Day in Washington, D.C., in conjunction with the Association's annual meeting. Thousands of students, parents, teachers, and other interested adults will participate in special activities at local museums and science centers. The first planning meeting for this event was held on 25 July; over 50 people took part in the session, including administrators, curators, leaders of science organizations, and teachers at all levels from elementary schools to research universities. Persons willing to help on projects or wishing to be on the mailing list for the Washington Public Science Day may write Judy Kass, Directorate for Education and Human Resources, AAAS, 1333



The 1990 AAAS Mass Media Science and Engineering Fellows (shown above) are at work at host media organizations around the country. The 17 Fellows, mainly graduate students, are (left to right, back to front): Gregory Schmitz, David Gallagher, Richard Stone, Bradford Hicks, Charles (Rick) Sullivan, Adam Friend, Veronika Briggs, Dorothy Swain, Min-Wei Lee, Zoe Pettway, Elisabeth Kirschner, Rebecca Crandall, Paul Selvin, Rosanne Spector, Lucy Lin, and Carol Blaney. (Missing from the photo is Sherri Willard.)

H Street, NW, Washington, DC 20005, 202-326-6667.

SWARM Division Prizes for Students

The Southwestern and Rocky Mountain Division (SWARM) of AAAS has awarded cash prizes and certificates for the best papers presented at its annual meeting in Colorado. Jennifer Frey (University of New Mexico) won the AAAS–Robert I. Larus Award to attend the national meeting of AAAS for her paper on “Fluctuation of a mammalian faunal element.” SWARM section awards were given to Dominic Wells (zoology), Doris Anders (environmental science), Brant Baugh (botany), and Dale Mazzoni

(biomedicine). Several students won awards in the physical sciences and engineering section: David Thiessen, Yi-Ming Chen, Wayne Rawlins, and Saeed Shojai. Honorable mentions were received by Edward Grigsby, Wilbur Bergquist, Robert Wiese, Alison Roberts, Paul Mangum, Susan Morison, and Stephen Barnes. Undergraduate awards were presented to Vito Bavaro and Paige Cooper. The annual competition is open to any student presenting original research at the SWARM meeting, whether or not they live in the SWARM region. To be on the mailing list for next year's meeting, write Michelle Balcomb, SWARM AAAS, Colorado Mountain College, 215 Ninth Street, Glenwood Springs, CO 81601.