Nineteen Media Fellows in 1979 Program

Nineteen students in the natural, social, and health sciences are participating in the fifth Mass Media Science Fellows Program, administered by the AAAS with support from the National Science Foundation. Additional funds for this year's fellows have come from AAAS, the Hearst Foundation, Inc., the Occidental Research Corporation, and the Exxon Research and Engineering Company, Inc. The summer fellows were chosen from among nearly 500 applicants.

The fellows, who will spend 10 weeks working for newspapers, magazines, and radio and television stations across the country, gathered for a 2 1/2-day orientation session at AAAS headquarters in Washington, D.C., 6-8 June, during which they participated in workshops on newswriting; toured radio, television, and print media facilities; and heard talks by print and broadcast reporters.

The 1979 mass media fellows, their latest academic affiliations, and their fellowship sites are: Daniel B. Adams, Department of Paleontology, University of California (Berkeley), San Francisco Chronicle; James Allaway, Department of Natural Resources, Cornell University, Oregonian (Portland); Michelle Behr, Department of Anthropology, Arizona State University, WOSU Radio, Columbus, Ohio; John A. Carey, School of Forestry and Environmental Studies, Yale University, Newsweek; Ron Dagani, Department of Organic Chemistry, Massachusetts Institute of Technology, Raleigh (North Carolina) News and Observer; Richard D'Alli, Department of Geology, Arizona State University, KYW-TV, Philadelphia; Gary B. Ellis, Department of Biological Sciences, Northwestern University, Charlotte (North Carolina) Observer; William H. George, Psychology Department, University of Washington, KTVX-TV, Salt Lake City, Utah; David N. Gottsegen, School of Medicine, State University of New York (Buffalo), Milwaukee Journal; Michael A. Guilen, Department of Physics, Cornell University, WPIX-TV, San Francisco; William J. Hagan, Jr., Department of Chemistry, Columbia University, Richmond (Virginia) Times-Dispatch; Anne Marie Hornickel, Department of Botany, University of California (Davis), WEBR-Newsradio, Buffalo, New York; Lee Katterman, Department of Medicinal Chemistry, University of Michigan, WOUB Radio/TV, Athens, Ohio; Roberto Martin, Bioengineering Department, University of Pennsylvania, WFAA-TV, Dallas, Texas; John L. Tingle, Department of Forestry, Mississippi State University, Macon (Georgia) Telegraph and News; Catherine Nicholson-Guthrie, Department of Genetics, Indiana University, WDMV-TV, Washington, D.C.; Ilona H. Walfish, Chemistry Department, State University of New York (Binghamton), WNET-TV, New York; and Terra Ziporyn, Yale University, Business Week.

Chautauqua-Type Short Courses for Nonacademic Scientists and Engineers

Twelve short courses in the 1979-80 series of NSF Chautauqua-Type Short Courses will be open to a mixed audience of college teachers and nonacademic professionals in science and engineering. Topics include solar energy engineering, ethical issues in engineering, patterns of problem-solving, chemical communication among animals, and holistic approaches to health maintenance.

These courses are an extension of the series of Chautauqua-type short courses for college teachers held at regional field centers throughout the United States. The program, developed by the AAAS in 1971, is funded by the National Science Foundation (NSF).

They are designed to enable scholars to communicate recent advances in their fields to college science teachers and science and engineering professionals from industry or other nonacademic settings. The scholars will meet with 25 participants for a total of 4 days—2 days in the fall and 2 days follow-up in the spring. Courses will be held at the University of
Arkansas
Energy Seminar Planned

"Rural America: Energy Needs and Alternatives" will be the topic for the third in the current AAAS Regional Energy Seminar Series. The seminar will be held 16-18 September at DeGray State Park Lodge near Arkadelphia, Arkansas.

Senator Dale Bumpers (D-Ark.) will open the meeting, which will focus on energy problems peculiar to rural America and on measures that may be taken to maintain the vitality and quality of life in rural America. Emphasis will be directed toward the rural energy problems of Arkansas and neighboring states of Alabama, Kentucky, Louisiana, Mississippi, Missouri, Oklahoma, Southern Illinois, Tennessee, and Texas.

Rural energy use and consumption patterns will be examined from economic, demographic, and transportation perspectives. Sessions on rural energy use and conservation will address the present and future availability of conventional fuels and the effects of increased conservation and supply extending practices such as on-premises utilization of wood and waste products. Alternative energy resources will be explored, including di-lute energy sources (solar, wind, and water), biomass conversion, and possible lignite utilization. Finally, the impacts of shifting energy patterns, increased energy costs, and energy and materials shortages on the prices of agricultural commodities will provide an opportunity for a discussion of how rural America can cope with the economic stress resulting from the changing energy environment.

Cosponsors for the seminar along with AAAS are Sigma Xi, the Scientific Research Society; the Joint Educational Consortium of Henderson State University and Ouachita Baptist University; the Arkansas Academy of Sciences; the State of Louisiana Department of Natural Resources; the State of Texas, Office of Energy Resources; the State of Oklahoma Department of Energy; and the State of Arkansas. Funding for the AAAS Regional Energy Seminar Series comes from the U.S. Department of Energy.

For further information, contact Patri-...
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