

# 1977 AAAS Awards Presented During Washington Meeting

Four AAAS-sponsored awards were made during the Annual Meeting in Washington, D.C. The Rosenstiel Award in Oceanographic Science, the Socio-Psychological Prize, and the Newcomb Cleveland Prize were presented during the Meeting's special Awards Session, 15 February; the AAAS-Westinghouse Science Writing Awards were given during the National Association of Science Writers annual banquet at the Meeting, 14 February.

#### AAAS-Rosenstiel Award in Oceanographic Science

Henry M. Stommel, pioneer in the study of ocean water circulation, was presented the \$5000 AAAS-Rosenstiel Award in Oceanographic Science for 1977.

Stommel, a professor of oceanography at the Massachusetts Institute of Technology since 1963, was selected for his "outstanding achievement in oceanographic science with emphasis on the physics and chemistry of the water column and the atmosphere." His studies have resulted in the publication of two books, including *The Gulf Stream*, and more than 100 scientific papers.

Stommel's contributions to knowledge of the oceans have encompassed currents, tides, eddies, oceanic turbulence, and circulation. Active in the field as well as in the classroom, Stommel developed the use of infrared photography for instantaneous recording of ocean water circulation and has organized and led multi-ship research expeditions, including joint U.S.-U.S.S.R. research ventures at sea.

Born in Wilmington, Delaware, Stommel received the B.S. degree from Yale University and served there as an instructor in mathematics and astronomy from 1942 to 1944. He holds the Sc.D. degree from the University of Chicago. In 1944 he joined the Woods Hole Oceanographic Institution as a research associate, remaining there until 1960. He was professor of oceanography at Harvard University for 3 years before moving to his present post at the Massachusetts Institute of Technology in 1963.

A member of the National Academy of

Sciences since 1961, Stommel was elected in 1976 to the Soviet Academy of Sciences, a rare distinction for Americans. He also is a fellow of the American Geophysical Union and a member of Phi Beta Kappa and Sigma Xi.

#### **AAAS Socio-Psychological Prize**

Sociologist Jonathan Kelley of the University of California at Los Angeles (UCLA) and Herbert S. Klein, a professor of Latin American history at Columbia University, received the 1977 AAAS Socio-Psychological Prize.

The paper for which they received the \$1000 prize is a condensation of their monograph entitled "Revolution and the Rebirth of Inequality: The Bolivian National Revolution." In the monograph, the authors utilize survey data on stratification and politics in six rural Bolivian towns to measure the impact of the Bolivian revolution of 1952 on stratification and mobility.

Currently a visiting assistant professor of sociology at UCLA and a senior research associate with the Center for Policy Research in New York, Kelley received the B.A. and M.A. degrees in philosophy and mathematical logic from Cambridge University and a second M.A. and the Ph.D. degree in sociology from the University of California at Berkeley. From 1970 to 1973, he was lecturer and assistant professor of sociology at Columbia University. He was assistant professor at Yale from 1974 to 1976. He assumed his present post at the Center for Policy Research in 1973, and his UCLA post in 1977.

With one book, *The Birth of Privilege: The Origins of Inequality and Status Inheritance*, accepted for publication and another in preparation, Kelley is author or co-author of numerous articles and published research papers on social stratification and mobility, the impact of family on women's careers, human sexuality, and other topics.

A specialist in Latin American history, Herbert Klein received the B.A., M.A., and Ph.D. degrees from the University of Chicago, where he taught Latin American history from 1962 to 1969. He returned to his native New York in 1969 to teach at Columbia University, where he has been professor of Latin American history since 1971. Klein's other academic appointments have been at the University of California at Berkeley, Queens College of the City University of New York, the University of Toronto, Yale University, and St. Antony's College, Oxford, England.

In addition to his work with Kelley on the prize-winning "Revolution and the Rebirth of Inequality," Klein has published four books and some 40 articles on slavery in the Americas and on Bolivian political and social history and economics.

#### AAAS–Westinghouse Science Writing Awards

Three 1977 AAAS-Westinghouse Science Writing Awards of \$1000 each were given in recognition of outstanding writing on the natural sciences and their engineering and technological applications, excluding medicine, in newspapers and general circulation magazines. Four honorable mentions also were awarded this year.

The 1977 winners and their entries are:

• For science writing in newspapers with over 100,000 daily circulation—Robert C. Cowen, *Christian Science Monitor*, for a series of four articles, "Coping with Nature's Forces," published 20–23 June 1977.

• For science writing in newspapers with under 100,000 circulation—Lee Hotz and Lee Bowman, *The News-Virginian* (Waynesboro, Va.), for a series of five articles, "Profile of a Stream," published 13–17 September 1977.

• For science writing in general circulation magazines—William Bennett and Joel Gurin, *Atlantic Monthly*, for an article, "Science That Frightens Scientists: The Great Debate Over DNA," published February 1977.

Honorable mentions were awarded to: • For newspapers with over 100,000 daily circulation—

Jon Sawyer, St. Louis *Post-Dispatch*, for a 7-part series of articles, "The Nuclear Crossroads," 9–16 January 1977.

• For newspapers with under 100,000 circulation—

James T. Detjen, The Poughkeepsie (N.Y.) *Journal*, for a 12-part series of articles, "Our Water—How Safe?" 28 August–8 September 1977.

• For general circulation magazines-

Gene Bylinsky, *Fortune*, for an article, "Laser Alchemy Is Just Around the Corner," September 1977.

John F. Henahan, *Atlantic Monthly*, for an article, "Whatever Happened to the Cranberry Crisis?" March 1977.

#### **AAAS-Newcomb Cleveland Prize**

Gerald A. Soffen, project scientist for the Viking missions at NASA's Langley Research Center, and Thomas Mutch, professor in the department of geological sciences at Brown University, accepted the 1976–1977 AAAS–Newcomb Cleveland Prize on behalf of all the participants in the Viking missions (see *Science*, 10 February 1978, page 674). Mutch reviewed the scientific results of the project during the Meeting's awards session.

### Viking Student Grant

The Viking scientists would like to announce that the \$5000 prize from the AAAS-Newcomb Cleveland Award will be used to support undergraduate student research projects in planetology or astronomy. This is an Announcement of Opportunity; and we solicit one- or twopage proposals by any student or group of students wishing to apply for some part of this money (\$500 to \$2000 grants will be given). The money is intended to fund the student's ideas, or to supplement some work he or she may have in progress. The proposal should include specifically:

1) Name(s), address, and school of the applicant to receive the grant.

2) The goal of the work, that is, just what it is you are trying to do or learn.

3) When this work is to be done.

4) How you will go about it.

5) Amount needed, and what the funds will be used for.

6) Name and address of faculty persons or other references.

The proposals must be received by 15 April 1978. Judgment will be made by a small representative committee of the Viking scientists. Those students selected will be notified by 1 May 1978, so that this summer can be used for the work. It is our intention to stimulate and promote the interest of undergraduate students in planetology and astronomy.

3 MARCH 1978

This could involve the use of Viking data (Science, vol. 193, No. 4255, 27 August 1976; vol. 194, No. 4260, 1 October 1976; vol. 194, No. 4271, 17 December 1976). Where this is the case, we will offer our help, if appropriate. The proposal may involve ongoing space missions, work in laboratories, the field, observatories, libraries, the home, or any locality consistent with the goals of the proposed effort. The selection will be based on originality and feasibility. All ideas will be treated as proprietary. Mail proposals to Viking Student Grant, Viking Project Office, Mail Stop 159, NASA Langley Research Center, Hampton, Virginia 23665.

> Gerald A. Soffen Thomas Mutch

Viking Project Office, NASA Langley Research Center, Hampton, Virginia 23665

# Energy in the Americas Topic of the Sixth Interciencia Symposium

"Energy and Development in the Americas" will be the topic of the sixth Interciencia Association (IA) Symposium, to be held in Santos, Brazil, 13– 17 March 1978. The 5-day meeting, cosponsored by the Brazilian Society for the Progress of Science (SBPC), will bring together leading experts and planners from Latin America and North America. General concerns to be addressed by the participating scientists will be energy availability, needs, uses, and development in the Western Hemisphere, and the impact of these on the way people live and work.

Officials of Latin and North American governments, as well as scientific and technical personnel, will be among 100 expected participants in the meeting.

The symposium's first 2 days will be devoted to a survey and assessment of energy resources in the Americas, conventional as well as nonconventional. The surveys will include discussion of economic and social implications of energy development as well as physical resources. On subsequent days, the meeting will provide for presentations on specific topics and for workshop meetings on direct solar energy, biomass conversion, small units, the efficient utilization of energy, and current problems and new trends in nuclear energy. Reports prepared by these workshops, together with texts of invited papers, will be published jointly by the IA and the SBPC.

The symposium is designed to provide an outline of steps to be taken in anticipation of "the world after oil" and to help alert government and other planners to the decisions and steps needed now to more effectively utilize present energy sources and prepare for alternative sources.

Among the speakers and topics of the symposium program will be Hugh Wynne Edwards, Vice Minister of Science and Technology for Canada; Carroll L. Wilson of the Massachusetts Institute of Technology, on "Global Prospects for Energy to the Year 2000"; Jose Walter Bautista Vidal, Brazilian Secretary for Industrial Technology, on "Alcohol Fuels: Recent Developments"; and Patsy T. Mink, Assistant Secretary for Oceans and International Environmental and Scientific Affairs, U.S. Department of State, on "Developmental Aspects of New Energy Sources."

The fifth IA symposium, "Nutrition and Agriculture: Strategies for Latin America," was held 13–14 February at the AAAS Annual Meeting.

# 145th National Meeting, 3–8 January 1979

It is not too early to begin thinking about the next AAAS Annual Meeting (3-8 January 1979). Since this Meeting will be some 6 weeks earlier in the year than the 1978 Meeting in Washington, it is particularly important that the Meeting preparation deadlines be adhered to. The new dates will be the official Meeting dates from 1979 on.

If you have a suggestion for a symposium for the 1979 Meeting, please submit the following information to us **no** later than 31 March 1978: (i) name, address, affiliation, and phone number of person who will arrange the symposium; (ii) title of symposium; (iii) brief (200-word) statement of the purpose of the symposium; and (iv) list of probable speakers (do not confirm until the suggestion is accepted), their affiliations, and probable topics.

We are particularly interested in symposia which deal with the latest developments in science and technology and the implication of these developments for society. All suggestions for symposia will be reviewed during the month of April and arrangers will be informed

(Continued on page 1005)