

1978 AAAS Awards Presented at Houston Meeting

Three AAAS-sponsored prizes were presented during the Annual Meeting in Houston, Texas. The Socio-Psychological Prize and the Newcomb Cleveland Prize were presented immediately preceding the AAAS President's Public Lecture, Saturday, 6 January. The AAAS-Westinghouse Science Writing Awards were given during the National Association of Science Writers annual banquet at the meeting, Friday, 5 January.

AAAS Socio-Psychological Prize

Murray Melbin, professor of sociology at Boston University, received the AAAS Socio-Psychological Prize for 1978.

"Night as frontier," the paper for which he won the \$1000 prize, compares the forces resulting in the expansion of wakeful hours to those that resulted in geographic expansion and finds them quite similar. Melbin perceived these similarities while doing research on how individuals adjust to work around-the-clock and thus dubbed nighttime as the "new frontier." His work in this area is supported by the Center for Studies of Metropolitan Problems, National Institute of Mental Health.

Melbin received the B.A. degree in retailing, speech, and psychology from New York University, the M.S. degree in industrial and labor relations from Cornell University, and the Ph.D. in social psychology from the University of Michigan.

Prior to accepting his present position in 1969, Melbin was affiliated with the Harvard Medical School, McLean Hospital in Belmont, Mass., and Massachusetts General Hospital.

AAAS-Newcomb Cleveland Prize

Eric I. Knudsen, Masakazu Konishi, and John D. Pettigrew, of the Division of Biology, California Institute of Technology, shared the AAAS-Newcomb Cleveland Prize.

Knudsen, Konishi, and Pettigrew won the award for their reports, "Receptive fields of auditory neurons in the owl," published in the 23 December 1977 issue of *Science*, and "A neural map of auditory space in the owl," which appeared in the 19 May 1978 issue. Knudsen and Konishi coauthored both papers; Pettigrew coauthored one of them. The authors received bronze medals and a share in the \$5000 prize.

Eric I. Knudsen is a postdoctoral research fellow in the Division of Biology at the California Institute of Technology. He received the A.B. and M.A. degrees from the University of California, Santa Barbara, and the Ph.D. degree from the University of California, San Diego, in 1976.

Born in Japan, Masakazu Konishi received the B.S. and M.S. degrees from Hokkaido University and the Ph.D. degree from the University of California, Berkeley, in 1963. Prior to joining the faculty at the California Institute of Technology, where he is a professor of biology, Konishi taught at the University of Wisconsin and Princeton University.

John D. Pettigrew, a native of Australia, received the B.Sc. and M.Sc. from the University of Sydney and the M.B. and B.S. from Sydney University Medical School. Currently an associate professor of biology at Caltech, he previously had been a resident medical officer at the Royal Prince Alfred Hospital in Sydney and a postdoctoral fellow at the University of California, Berkeley.

AAAS-Westinghouse Science Writing Awards

The three 1978 AAAS-Westinghouse Science Writing Awards of \$1000 each were given in recognition of outstanding writing on the natural sciences and their engineering and technological application, excluding medicine, in newspapers and general circulation magazines. Two honorable mentions were awarded this year.

The 1978 winners and their entries are:

- For science writing in newspapers

with over 100,000 daily circulation—Christine A. Duerr, University of Rhode Island Marine Advisory Service, for an article on "Bay life," published in *Rhode Islander*, the Sunday magazine section of the Providence (R.I.) *Journal-Bulletin*, 21 May 1978.

- For science writing in newspapers with under 100,000 circulation—Mike Lenehan, Chicago (Ill.) *Reader*, for an article, "The essence of beeing" (The art of honey husbandry, from inner-city rooftops to corn-belt pastureland), published 18 November 1977.

- For science writing in general circulation magazines—Frederic Golden, *Time*, for an article, "Those baffling black holes," published 4 September 1978.

Honorable mentions were awarded to:

- Gene Bylinsky, *Fortune*, for an article, "The cloning era is almost here," published 19 June 1978.

- Peter Stoler, *Time*, for an article, "Puzzling out man's ascent," published 7 November 1977.

First of AAAS Regional Energy Seminars Held in Seattle

"Energy and Northwest Indian Lands" brought Northwest Indian people together with scholars, government officials, and industry representatives to discuss the problems related to the development of energy resources on traditional Indian lands. Held in Seattle, 13 and 14 November 1978, this was the first of the U.S. Department of Energy-funded AAAS regional energy seminars in the current series.

Seattle conferees heard speakers describe appropriate technologies for Indian development, including hydroelectric power generation, wind power, geothermal energy, biomass conversion, and direct solar energy.

In addition to descriptions of specific technologies, the seminar included discussions of federal and state energy policies affecting tribal rights. A presentation of opportunities for training Indian people to work in energy-related fields included a look at the Lummi Indian School of Aquaculture and Fisheries, Indian mineral resources development

Grants Offered for Foreign Students to Attend R & D Colloquium

Foreign students studying in the United States are invited to apply for grants of up to \$200 toward travel and per diem expenses for attending the 4th Annual Colloquium on R & D and Public Policy, to be held in Washington, D.C., 19 and 20 June 1979. Registration expenses for successful applicants will be paid by AAAS. Topics will include: Federal R & D, Industry R & D and the Economy, International Aspects of R & D, and Science and Basic Research.

Applicants should send: (i) a curriculum vitae, (ii) a budget (round trip travel to Washington, D.C., and per diem), and (iii) a short statement (250 to 300 words) describing focus of current research, career plans (how training is expected to be applied on return to home country), and interest in attending the R & D Colloquium, to Denise Weiner, Office of International Science at the AAAS address. Applications must be received no later than 20 April 1979.

The annual science policy colloquium provides a forum for leaders in government, industry, and the scientific and technical community to discuss with AAAS members issues of current concern relating to research and development and public policy.

training programs, and recruitment and training in engineering and the nuclear industry. Other themes were Indian water rights; social and policy impacts of energy development, with reports on changes being brought about in Montana through exploitation of mineral resources and on the Spokane Tribes by uranium mining expansion; and the siting, primarily on tribal lands, of major energy facilities—environmental consequences, planning for operations, and dispute mediation.

During the closing comments, tribal leaders expressed appreciation that representatives of these diverse interests had been brought together and promised further cooperation among them.

Cosponsoring the conference with AAAS were the Small Tribes Organization of Western Washington, United Indian Planners Association, United Indians of All Tribes Federation, and the Graduate School of Public Affairs of the University of Washington. The conference was coordinated by the AAAS Project on Native Americans in Science and the Office of Public Sector Programs.

The Office of Public Sector Programs will schedule three more regional energy seminars during 1979.

Report on 1978 French Association Meeting

The 97th annual Congress of the Association Française pour l'Avancement des Sciences (AFAS), met 6, 7, and 8 June 1978 in Mulhouse, France. Representing AAAS at the meeting were John

G. Dennis of California State University at Long Beach and William D. Romey of St. Lawrence University, Canton, New York.

The first day of the meeting consisted of plenary sessions, including talks by J. B. Donnet, president, University of Haute Alsace (site of the congress); J. C. Pecker of the College de France and president, AFAS; M. J. Beguin, rector, University of Strasbourg; and M. Tiollais, professor, Pasteur Institute. Session topics included world problems of desertification, population, energy, and health; a history of AFAS; "The Rhine"; and pedology in Africa.

Concurrent meetings of the eight sections were held throughout the second day of the meeting as well as on the morning of the third day. Sections are pure and applied mathematics; pure and applied physics; sciences of the earth and the universe; natural sciences; chemical and biological sciences; medicine and veterinary medicine; human, economic, and social sciences; and general problems of science. An additional special section on odontology also met. Several sections conducted field trips both during and after the congress.

The AFAS was founded in 1872 to develop scientific and technological forums in French-speaking countries. One announced future aim of AFAS is to inform young people about careers in science. An annual "Prix AFAS Jeune" (youth prize) has been established but was not awarded this year.

The 500 members receive the association's journal, *Sciences*. Much like the AAAS, the AFAS holds its meetings in various cities throughout the country.

The 1979 congress will be held in Tregastel, Brittany; the 1980 congress in Amiens. The centennial congress, in 1981, will be held in Paris.

Nomination of AAAS Fellows Invited

Under new fellowship nomination procedures adopted by the AAAS Council on 7 January 1979, groups of three Fellows may continue to nominate AAAS members for fellowship, provided that in each instance at least one of the three sponsors is not affiliated with the institution of the nominee. Self-nominations, however, will no longer be accepted. In order to be considered this year, nominations must be submitted to the Executive Office no later than 22 May. Nomination forms should be requested from the Executive Office at the AAAS address.

The revised definition of a Fellow is "a member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished." Examples of areas in which nominees may have made significant contributions are research; teaching; technology; services to professional societies; administration in academe, industry, government, and other institutions; and communicating and interpreting science to the public.

Responsibility for reviewing and approving fellowship nominations is now assigned to the Nominating Committees of the 21 Section Committees. Each Nominating Committee consists of the four Section officers (Retiring Chairperson, Chairperson, Chairperson-Elect, and Secretary) and four members-at-large. An affirmative vote of at least five of the eight members is required for approval, but sponsors of a rejected nomination may appeal to the Committee on Council Affairs for possible reversal of the Nominating Committee's decision.

Nominations are also subject to challenge by any member of the AAAS Council, upon receipt of a preliminary list of nominees in late summer. A challenged nomination, if not withdrawn by its sponsors, will be reviewed by the Committee on Council Affairs; the Committee may either put it on the slate to be presented to the Council for possible election at the 1980 Annual Meeting in San Francisco or defer its presentation for 1 year. Following the 1980 meeting, new Fellows will receive fellowship certificates and a list of their names will be

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