

members who were insured as of 30 September 1986 will receive a premium credit on their 1 October 1987 semiannual renewal equal to 100 percent of the amount due. This means that eligible insured members will receive a premium holiday for the 6 month period 1 October 1987 through 31 March 1988.

The reduced rates and premium credit are a result of the strong financial condition of the AAAS plan. U.S. members may purchase up to \$240,000 of term life insurance in \$15,000 units, subject to approval by the New York Life Insurance Company.

Any AAAS member who wishes to enroll in the plan should write to the administrator, Smith-Sternau Organization, Inc., Suite 300, 1255 23rd Street, NW, Washington, D.C. 20037.

## 1987 Science Education Directory Available

The *AAAS Science Education Directory 1987* is now available. The *Directory* lists key persons who are responsible for science, mathematics, and technology education. It includes the addresses and telephone numbers of principal executives, directors, administrators, and policy-makers in a variety of institutions and organizations. Included in this year's directory are education leaders in scientific associations, academies of science, museums, educational research centers and laboratories, and state and federal government agencies.

The 1987 edition also includes information about the major science and mathematics activities of these organizations. In addition, the dates and locations of annual conferences of the associations are listed.

The *Directory* is published each year by the AAAS Office of Science and Technology Education. Free copies are available while the supply lasts. To order,

please write to Barbara Walthall, Office of Science and Technology Education, Department D, at the AAAS address.

## Seminar Looks at Movement of Scientists and Engineers Between Germany and U.S.

On 17 and 18 June, a group of scholars, policy-makers, and policy analysts from the United States and the Federal Republic of Germany (FRG) met at AAAS headquarters to discuss trends in the mobility of scientists and engineers between the two countries. The meeting was jointly sponsored by the German Union of Technical and Scientific Societies and the AAAS.

Hans J. Queisser, director of the Max Planck Institute for Solid State Research, Stuttgart, led a 20-person German delegation composed of university and government officials, foundation executives, and experts on mobility. D. Allan Bromley, director of the A. W. Wright Nuclear Structure Laboratory at Yale University, headed a similar group of 31 persons from the United States.

Participants reaffirmed the importance of international exchanges of scientists and engineers as a means of sustaining the communication and openness that are essential to progress. They considered FRG/U.S. mobility to be important, but part of a larger network of movement to which both countries should direct greater attention.

Background papers prepared for the seminar produced new findings on mobility. For example, the trend of both short-term (less than 1 month) and long-term visits has increased about fourfold over the period 1978–1985. There are currently some 2000 short-term and 600 long-term visits per year in each direction.

Despite these moderately en-

couraging statistics, the participants noted that a number of factors discourage mobility between the two countries: (i) The post–World War II period during which all young scientists in FRG wished to study and conduct research in the United States has ended. Opportunities for study and research in many fields are now as rewarding there as here; (ii) the shortage of permanent career opportunities in both countries continues to make many scientists reluctant to go abroad; and (iii) there is a marked lack of symmetry between the efforts of the two countries to encourage mobility. The German system is better organized than is the U.S. effort, and it is deliberately designed to foster long-term relationships. German sources provide practically all of the money for movement of German scientists to the United States and two-thirds to three-fourths of the money for movement of U.S. scientists to Germany.

The conferees made a number of recommendations:

- Information on mobility should be improved by making better use of existing data and by studying nonquantitative aspects of mobility, such as social, economic, and demographic forces affecting international movement.

- Both countries should improve their capacity to inform scientists and engineers from the other country of opportunities to study and conduct research.

- University to university exchange agreements should be analyzed and suggestions for strengthening the agreements should be drawn up.

- An effort should be made to simplify visa requirements for scientists entering the United States.

- A stronger U.S. administrative structure for sponsoring and facilitating the mobility of scientists and engineers should be established either by strengthening existing organizations or by setting up a new system.

The seminar was supported by grants from the National Sci-

ence Foundation, the German Marshall Fund of the United States, and the American Council on Germany.

Copies of the proceedings, which will be available in September, may be obtained by writing to the Office of International Science at the AAAS address.

CHARLES V. KIDD  
*Office of International Science*

## Judging Panel Selected for Public Understanding Award

A distinguished panel of judges has been named for the first AAAS/Westinghouse Public Understanding of Science and Technology Award which will be presented during the AAAS Annual Meeting in Boston, 11 to 15 February 1988.

The judges are E. Margaret Burbidge, director, Center for Astrophysics and Space Sciences, University of California, San Diego, and former president, AAAS; Jewel Plummer Cobb, president, California State University, Fullerton; Donald N. Langenberg, chancellor, University of Illinois, Chicago, and member, AAAS Board of Directors; John P. McTague, vice president for research, Ford Motor Company; and Cristine Russell, science/medicine reporter, the *Washington Post*, and president, National Association of Science Writers.

The new annual award is for working scientists and engineers who make outstanding contributions to the popularization of science, but are *not* members of the media. It carries a \$2500 prize.

The award is intended to encourage talented scientists and engineers, especially younger, upcoming professionals, to popularize their work; to recognize those that do so in a responsible manner; and to emphasize that the scientific community regards the fostering of public understanding as a valued, prestigious

activity. Cosponsors for the award are the Westinghouse Electric Fund and AAAS. It is administered by the AAAS Committee on Public Understanding of Science and Technology.

*The deadline for receipt of nominations is 15 October 1987.* For additional information and nomination forms, contact Patricia S. Curlin at the AAAS address.

## Pacific Division Meets in San Diego

Sessions at the annual meeting of the Pacific Division focused on the full range of the sciences from underutilized desert plants to fringe medicine and pseudoscience.

Meeting attendees heard a number of key researchers make the argument that the gradual extinction of early forms of plants and animals is more likely than the single catastrophic event theory of extinctions.

In other sessions, speakers argued about the efficacy of lie detectors in a variety of circumstances, discussed how best to share natural resources and research on those shared resources with Mexico, and learned about new studies combining mathematical modeling with human nutrition.

Plenary lectures focused on AIDS, hominoid evolution, and—a particular hit—faith healing. James Randi, aka.

"The Amazing Randi," told a large and enthusiastic audience about some of his victories in debunking claims of the paranormal.

At the Division's banquet, Pacific Division president T. John Conomos, regional hydrologist for the Pacific Region, U.S. Geological Survey, gave an illustrated lecture on California's water distribution system.

In addition to symposia, the meeting included contributed and student papers in ecology, botany, psychology, atmospheric science, earth science, science education, history and philosophy of science, general biology, and interdisciplinary studies.

Some 450 people attended the San Diego meeting. The 1988 Pacific Division annual meeting will be in Corvallis, Oregon, 19 to 23 June.

Copies of the 1987 meeting program, including abstracts of most of the papers, are available prepaid for \$3 (plus \$1.50 postage and handling per order and 6.5 percent tax for California residents) from the Pacific Division. Make checks payable to "California Academy of Sciences." Write to Alan E. Leviton, Pacific Division AAAS, California Academy of Sciences, Golden Gate Park, San Francisco, California 94118.

## Obituaries

*Roy S. Anderson* of Broomall, Pennsylvania, member of Section C since 1979, 24 March 1987.

*John F. Baxter, Jr.*, Distinguished Service Professor Emeritus of Chemistry, University of Florida, member of Section C since 1948, 15 March 1987.

*Lewis N. Bell* of Minneapolis, Minnesota, member of section G since 1986, 18 May 1987.

*C. Ross Bloomquist* of Carrington, North Dakota, member of Section C since 1946, 4 June 1987.

*G. Walker Daubenspeck* of Seabrook, Texas, member of Section X since 1949, 10 May 1987.

*Gordon Leslie Dugger* of Silver Spring, Maryland, member of Section M since 1971, 21 March 1987.

*Harriet M. Felton* of Boerne, Texas, member of Section N since 1954, 28 May 1987.

*Eunice V. Flock* of Phoenix, Arizona, member of Section N since 1945, 17 March 1987.

*John J. Gallagher* of La Jolla, California, member of Section G since 1946, 27 April 1987.

*Leon P. Gaucher* of Fishkill, New York, member since 1984, 26 June 1987.

*Robert W. Gerdel*, retired chief, Environmental Research Branch, U.S. Army, Cold Regions Research and Engineering Laboratory, member of Section E since 1961, 27 March 1987.

*Richard W. Jones* of Evanston, Illinois, member of Section M since 1973, 26 February 1987.

*Henrietta M. Kalicki* of Garden City, New York, member of Section G since 1972, 4 April 1987.

*Leon S. Nergaard* of Princeton, New Jersey, member of Section B since 1945, 9 May 1987.

*Myrle M. Perkins* of Santa Cruz, California, member of Section C since 1965, 23 May 1987.

*Henry J. Rehm* of Carbondale, Illinois, member of Section K since 1937, 3 March 1987.

*Paul J. Reynolds* of Kensington, Maryland, member of Section O since 1958, 5 June 1987.

*Jerry Sadenwasser* of Milwaukee, Wisconsin, member since 1986, 18 June 1987.

*Roger Shaw* of Frederick, Maryland, member of Section G since 1975, 29 March 1987.

*P. Brian Stewart* of Ridgefield Center, Connecticut, member of Section N since 1965, 1 April 1987.

*John Toth* of Salem, Kentucky, member of Section C since 1948, 24 April 1987.

*J. P. Tully* of Sidney, British Columbia, past president of the Pacific Division, AAAS, 19 May 1987.

*D. J. Whittingham* of Westerville, Ohio, member of Section C since 1964, 18 May 1987.

*Walter C. Yaeger* of Wauwatosa, Wisconsin, member of Section M since 1956, 24 May 1987.