

Science Celebrates 100th Anniversary

One hundred years after Thomas A. Edison began the magazine, friends, staff, reviewers, and members of the Washington scientific community gathered to celebrate the centennial of *Science* magazine.

In recognition of the long association between the two institutions, the Smithsonian Institution cosponsored the reception, which was held in the Smithsonian's "Castle" building on 12 December. This was a particularly fitting location in that AAAS was housed in the Smithsonian Institution from 1907 until 1946.

Guests at the reception hosted by the AAAS Board of Directors and S. Dillon Ripley, Secretary of the Smithsonian Institution, included current and former *Science* staff writers, AAAS staff, members of the Washington press, scientific attachés from many of the embassies, people with science-related interests from Congress and other branches of the government, and a large contingent from the Washington academic and scientific community—many of whom help in the production of *Science* by serving as manuscript reviewers.

In addition to the December centennial reception, the 100th anniversary of



AAAS Board chairman Kenneth E. Boulding (right) congratulates *Science* editor Philip H. Abelson.

Science was noted in a series of symposia at the 1980 AAAS Annual Meeting, by articles and editorials in the popular press; and by the publication of three special issues of *Science*—Advanced Technology Materials, New Research in Recombinant DNA, and the Centennial issue. The advanced technology and centennial issues were also published in book form, the latter as the *SCIENCE Centennial Review*.

AAAS Socio-Psychological Prize

Submission of entries in the 1981 competition for the AAAS Socio-Psychological Prize is invited. Established in 1952 with funds donated by Arthur F. Bentley, the \$1000 prize is awarded annually for a meritorious paper that furthers understanding of human psychological-social-cultural behavior. The prize is intended to encourage in social inquiry the development and application of the kind of dependable methodology that has proved so fruitful in the natural sciences.

Entries should present a completed analysis of a problem, the relevant data, and the interpretation of the data in terms of the postulates with which the study began. Purely empirical studies, no matter how important, and purely theoretical formulations, no matter how thoughtful, are not eligible.

The winning entry will be selected by a committee of judges selected by a management committee consisting of officers of the AAAS Sections on Anthropology (H), Psychology (J), and Social and Economic Sciences (K), and the Executive Officer of AAAS. The prize will be presented at the 1982 Annual Meeting in Washington, D.C., 3-8 January.

Unpublished manuscripts and manuscripts published after 1 January 1980 are eligible. The deadline for receipt of entries is 1 July 1981. For entry blank and instructions, write to the AAAS Executive Office at the AAAS address.

Report of West African Science Association

The 12th biennial conference of the West African Science Association (WASA) was held at the University of Ife, Ile-Ife, Nigeria, 20-26 July 1980. AAAS was represented by Gustav E. Jackson, professor of geography at Howard University. The following account is drawn from his report.

The theme of the conference was "Scientific and Technological Cooperation within the Context of ECOWAS"



The scene at *Science* Centennial reception held at Smithsonian Institution. [photos by Christina Rexon]

(Economic Council of West African States). Members present represented the Ivory Coast, Togo, Nigeria, Sierra Leone, Ghana, and the International Council of Scientific Unions (ICSU). The People's Republic of Benin was represented by a large delegation whose membership in WASA was approved by the conference. The general economic climate, however, resulted in reduced participation by many countries, as reflected in the sizes of the various delegations present.

The conference was opened by the newly appointed federal minister of science and technology of Nigeria, Sylvester Ugoh. The welcome address was delivered by the vice-chancellor of the university of Ife, Cyril A. Onwumechilli. The keynote address was given by the deputy secretary general of ECOWAS. The address of O. Awe reflected his perspective as president of the Science Association of Nigeria (SAN), which was celebrating its 21st annual meeting and is a leader in WASA. Consistent with the theme of the conference, Awe pointed out that science and technology in developing countries has grown more as extensions or imitations of systems in the developed countries than as manifestations of national aspirations or as instruments of self-reliance. In West Africa, science planning is still in its infancy and many of the countries have no established organization for science policy formulation. Through cooperation among themselves, the developing countries could improve their bargaining position in the acquisition of technology from the developed countries. By pooling their manpower, the critical mass necessary to sustain viable scientific and technological systems would be easier to attain. Confidence that comes from self-reliance, said Awe, could be rapidly built up when the developing countries make use of their indigenous experts, and the "brain drain," referred to as the "reverse technology transfer," could be stemmed.

At the final plenary session, a resolution was formulated and approved declaring the concept of "technology transfer" invalid in the context of African development. The resolution states that technology can not be transferred, but can only develop and be developed in a recognized socioeconomic framework. The perspective of many younger scientists is based on the recognition that science based on African tradition and culture is the only appropriate science for Africa.

The next biennial conference will be held in Abidjan, Ivory Coast, in 1982.

Obituaries

Jack M. Ahearn of Salt Lake City, Utah, member of Section B (Physics) since 1938, 14 August 1980.

K. G. Bailey of Los Angeles, California, member since 1974, 12 August 1980.

Douglas E. Bell of Austin, Texas, member of Section E (Geology and Geography) since 1947, 18 August 1980.

Charles A. Boyd of State College, Pennsylvania, member of Section Q (Education) since 1948, 1 November 1980.

H. M. Chadwell of Del Mar, California, member of Section C (Chemistry) since 1929, 3 June 1980.

Carl W. Correns of Gottingen, West Germany, member of Section E (Geology and Geography) since 1966, 29 August 1980.

Gertrude B. Farris of Pittsburgh, Pennsylvania, member of Section G (Biological Sciences) since 1942, 3 September 1980.

Sister Margaret Finnegan, vice president of Trinity College, member of Section J (Psychology) since 1963, 20 August 1980.

Edmund F. Grekulinski of New York City, member of Section E (Geology and Geography) since 1968, 8 August 1980.

Patrick E. Haggerty, general director, Texas Instruments, Inc., member of Section M (Engineering) since 1947, 1 October 1980.

Martha A. Hamlet, postdoctoral student at the Mayo Graduate School of Medicine, member since 1980, 1 September 1980.

Waldemar C. Hansen of Valparaiso, Indiana, member of Section C (Chemistry) since 1925, 16 September 1980.

Eldred R. Harrington of Albuquerque, New Mexico, member of Section C (Chemistry) since 1948, 27 June 1980.

Nelson B. Haskell of Port Arthur, Texas, member of Section C (Chemistry) since 1969, 5 August 1980.

Pearl L. Kendrick of Grand Rapids, Michigan, member of Section N (Medical Sciences) since 1931, 8 October 1980.

Vernon E. Krah of Baltimore, Maryland, member of Section G (Biological Sciences) since 1944, 16 October 1980.

P. H. E. LeCorbeiller of Wassenaar, The Netherlands, member since 1978, 24 July 1980.

Huberta M. Livingstone of Hopkinton, Iowa, member of Section N (Medical Sciences) since 1939, 30 June 1980.

Frederick Lowenheim of Cranford, New Jersey, member of Section C (Chemistry) since 1938, 14 August 1980.

Ivan M. Lytel, head, Department of

General Biology, University of Arizona, member of Section G (Biological Sciences) since 1964, 21 October 1980.

Jonathan Magnes, Physiology Department, Hebrew University, member since 1965, 12 August 1980.

Bernd T. Matthias, director, Institute for Pure and Applied Physical Sciences, University of California, San Diego, member of Section A (Mathematics) since 1965, 27 October 1980.

Aron L. Mirsky of Hartford, Connecticut, member of Section M (Engineering) since 1938, 11 November 1980.

Charles Gill Morgan of Dallas, Texas, member of Section E (Geology and Geography) since 1932, 8 August 1980.

Fritz Muller of Montreal, Quebec, Canada, member of Section E (Geology and Geography) since 1965, 26 July 1980.

G. S. Perrott of Washington, D.C., member of Section N (Medical Sciences) since 1960, 29 June 1980.

Carl H. Rasch of North Tonawanda, New York, member of Section C (Chemistry) since 1938, 19 September 1980.

John J. Ritter of Fair Lawn, New Jersey, member of Section N (Medical Sciences) since 1948, 17 November 1980.

Otto Rosenthal of Philadelphia, Pennsylvania, member of Section C (Chemistry) since 1939, 14 July 1980.

Robert D. Schamberger of Gaithersburg, Maryland, member of Section B (Physics) since 1968, 11 July 1980.

Melvin P. Silverman of Sunnyvale, California, member of Section G (Biological Sciences) since 1964, 5 September 1980.

T. E. Smith of Laurinburg, North Carolina, member of Section O (Agriculture) since 1948, 22 August 1980.

Robert S. Snell of Sturbridge, Massachusetts, member of Section O (Agriculture) since 1942, 16 November 1980.

Ralph E. Waldo of Cleveland, Ohio, member of Section X (General) since 1963, 26 June 1980.

J. D. Wanson, director, Laboratoire de Cytologie et de Cancerologie Experimentale, Universite Libre de Bruxelles, member since 1979, 18 June 1980.

Helen L. Ward of Lafayette, Indiana, member of Section G (Biological Sciences) since 1964, 22 August 1980.

E. Eugene Woodruff of Waterford, Michigan, member of Section N (Medical Sciences) since 1931, 5 April 1980.

For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, unless otherwise indicated.