

Medical Implications of Marine Mammal Research, Arctic Policy, Appropriate Energy Technology for Arctic Regions, and Telecommunications in the Arctic will be featured symposia. Among the three public lectures will be one commemorating the 100th anniversary of the International Polar Year and describing 100 years of research and exploration in Arctic Alaska and Canada.

Technical sessions will include aquatic, biological, and physical sciences; engineering and technology; resource development; and human resources.

A number of business meetings will be held, including those of the AAAS Arctic Division (formerly Alaska Division), the Arctic Chapter of the Women in Science, and the Science Advisory Board of the Northwest Territories.

The Pacific Northwest meeting of the American Geophysical Union will be held in conjunction with the AAAS Alaska Science Conference (its meeting dates are 15 and 16 September).

For further information, contact Vera Alexander, conference chairperson, Institute of Marine Science, University of Alaska, Fairbanks, Alaska 99701, or call 907-474-7531.

## Major Policy Questions Explored in New Book

Science and technology play a major role in most issues of national policy. *Science, Technology, and the Issues of the Eighties: Policy Outlook*, the AAAS contribution to the Five Year Outlook for Science and Technology, identifies these policy questions and discusses their potential impacts.

The book contains 11 original essays written by experts in each field. Among the issues covered are technology and U.S. productivity; risk assessment; the effect of new relationships between academia, industry, and government in the field of biotechnology; science, technology, and international security; science and technology in developing nations; and the expansion of communications technologies.

The AAAS report was one of several that the National Science Foundation commissioned to help in its preparation of the second Five Year Outlook for Science and Technology. The Foundation sent the Outlook to Congress earlier this year.

The AAAS Committee on Science, Engineering, and Public Policy advised the project, through a subcommittee, chaired by Ray Thornton, president of

Arkansas State University and former chairman of the Subcommittee on Science, Research, and Technology of the U.S. House of Representatives. Albert H. Teich, manager of Science Policy Studies at AAAS, directed the study.

*Science, Technology, and the Issues of the Eighties: Policy Outlook* is available from Westview Press, 5500 Central Avenue, Boulder, Colorado 80301; \$12 paperback, \$25 hardcover.

## Board of Directors Calls for Strong Science Education Programs

The AAAS Board of Directors, at its meeting on 10 April 1982, adopted a resolution on science education, which was presented to it by AAAS Section Q (Education). The resolution reaffirms the strong commitment the Association has made toward improving science and mathematics education for all Americans. The resolution reads:

*Whereas* education in science is basic to understanding the modern world, and

*Whereas* education in science is necessary for informed participation in a democratic society and for productive work in a modern industrial nation, and

*Whereas* there is growing evidence of a decline in support of and commitment to precollege science education in the United States while other industrial nations are placing heavy emphasis on science education at all levels,

*Therefore be it resolved* that the American Association for the Advancement of Science urges that all public and private schools in the United States provide, within a balanced curriculum, a strong and uninterrupted program of science education which shall include regular instruction in science for all pupils from kindergarten through twelfth grade.

## Obituaries

**William H. Cook**, chairman of the CO-BRO Corporation, member of Section U (Statistics) since 1982, 3 June 1982.

**Gustavo Cudkowicz**, State University of New York at Buffalo, member of Section N (Medical Sciences) since 1966 25 May 1982.

**Shlansky Elliott**, Philadelphia, Pennsylvania, member of Section N (Medical Sciences) since 1978, 27 February 1982.

**Lawrence A. Harris**, Schenectady, New York, member of Section M (Engineering) since 1957, 7 May 1982.

**Raymond L. Hightower**, Kalamazoo, Michigan, member of Section K (Social, Economic, and Political Sciences) since 1936, 24 February 1982.

**Lewis N. Holland**, Ann Arbor, Michigan, member of Section M (Engineering) since 1959, 29 January 1982.

**George H. Hopkins**, Valley Forge, Pennsylvania, member of Section C (Chemistry) since 1948, 19 February 1982.

**Paul D. Hurd, Jr.**, National Museum of Natural History, member of Section G (Biological Sciences) since 1976, 12 March 1982.

**Arcadius L. Johnson**, Dover, New Jersey, member of Section M (Engineering) since 1917, 22 March 1982.

**Edward Kelemen**, West Long Branch, New Jersey, member of Section N (Medical Sciences) since 1970, 3 March 1982.

**Carl Mauritz Marberg**, Largo, Florida, member of Section C (Chemistry) since 1929, 31 March 1982.

**Hugh C. McPhee**, Hyattsville, Maryland, member of Section G (Biological Sciences) since 1925, 24 June 1982.

**Charles G. Miller**, Pasadena, California, member of Section B (Physics) since 1965, 25 May 1982.

**Floy Jack Moore**, Roseburg, Oregon, member of Section O (Agriculture) since 1965, 5 May 1982.

**John L. Senior, Jr.**, Southbury, Connecticut, member of Section Q (Education) since 1971, 13 March 1982.

**John B. Skog**, Sacramento, California, member of Section M (Engineering) since 1949, 11 March 1982.

**Clifton A. Smith**, Somers, New York, member of Section R (Dentistry) since 1941, 31 March 1982.

**J. Fred Smith, Jr.**, Denver, Colorado, member of Section E (Geology and Geography) since 1965, 22 February 1982.

**H. Thompson Straw**, Fredericksburg, Virginia, member of Section E (Geology and Geography) since 1958, 21 April 1982.

**Arthur W. Thomas**, New York, New York, member of Section C (Chemistry) since 1918, 22 March 1982.

**Leo W. Tyran**, Lewiston, New York, member of Section C (Chemistry) since 1948, 7 March 1982.

**Dean A. Worcester**, Seattle, Washington, member of Section J (Psychology) since 1913, 12 April 1982.

**Earl B. Working**, Downey, California, member of Section C (Chemistry) since 1922, 17 May 1982.

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.