

estimated living expenses); and (iii) a short statement (250 to 300 words) describing the focus of current research, career plans, how training is expected to be applied on return to home country, and interest in attending the Annual Meeting. Material should be sent to Denise Weiner, Office of International Science, at the AAAS address. The deadline for receipt of applications is 1 April 1984.

## Calendar of Major Scientific Meetings

The Office of Communications has prepared a calendar of major scientific meetings for 1984. Copies of the listing are available free of charge from the Office of Communications at the AAAS address.

## Guide to Research Activities Available

The 1984 *Reporters' Guide to Key Research Activities in Science and Engineering* is now available. This *Guide*, which is prepared annually by the AAAS Office of Communications, includes descriptions of five major research projects currently under way at some 150 key research institutions across the country. Copies are for sale at \$5 each (prepaid only) through the Office of Communications at the AAAS address.

## Networking Projects Involving Native American Scientists and Engineers

The Office of Opportunities in Science (OOS) is collaborating with the American Indian Science and Engineering Society (AISES) in an effort to identify and involve a greater number of Native American scientists and engineers in the networking projects of OOS—MESH-work and MWIS—and the programs of AISES.

MESHwork, Mathematics, Engineering, Science, and Health—A Network of Minority Professional Associations, is an effort to increase communication and cooperation among minority scientific societies and between such groups and other associations. MWIS, the National Network of Minority Women in Science, reports national data, advocates for greater participation in science, and pro-

motes local and regional science education and career awareness activities for youth, and professional development programs for minority women in science, mathematics, engineering, and health professions. AISES' purposes are to foster communication and information exchange among Indian scientists, engineers, educators, and students; to increase the number of Indian scientists and engineers; to develop the leadership potential of the Indian science and engineering students and professionals; and to facilitate the application of science and technology to the needs and benefit of the Indian reservations and communities.

AISES and OOS will be working together to create a manpower data base and to bring the educational programs of AISES, particularly the high school and college student chapters, to more Indian students.

For information about this effort, contact Paula Quick Hall, Office of Opportunities in Science at the AAAS address, or Norbert S. Hill, Jr., executive director, AISES, 1310 College Avenue, Suite 1220, Boulder, Colorado 80302.

## Obituaries

**George O. Abell**, Astronomy Department, University of California, Los Angeles, member of Section D since 1958, 7 October 1983.

**William D. Appel** of Albuquerque, New Mexico, member of Section C since 1946, 28 November 1983.

**Harvey E. Billig** of Glendale, California, member of Section N since 1963, 19 September 1983.

**Bart J. Bok**, former head, Steward Observatory, University of Arizona, member of Section D since 1958, 5 August 1983.

**Joseph C. Boyce** of Washington, D.C., member of Section B since 1931, 28 August 1983.

**George H. Bradley** of Rome, Georgia, member of Section G since 1924, 17 October 1983.

**Victor B. Buhler** of Kansas City, Missouri, member of Section N since 1967, 5 October 1983.

**Thomas David Cain** of Gaithersburg, Maryland, member of Section G since 1977, 15 September 1983.

**Paul Franklin Clark** of Livermore, California, member of Section M since 1909, 23 August 1983.

**William DeCesare** of Bethesda, Maryland, member since 1981, 22 November 1983.

**Homer Levi Dodge**, founder and for-

mer director, University of Oklahoma Research Institute, member of Section B since 1914, 29 June 1983.

**David Dorosin**, director, Stanford University Counseling and Psychological Services, member of Section N since 1965, 17 July 1983.

**Hamblen C. Eaton** of Harrisburg, Pennsylvania, member of Section N since 1947, 12 September 1983.

**Anna F. Faull** of Cambridge, Massachusetts, member of Section G since 1976, 13 August 1983.

**Albert J. Frey**, chairman of the board, Sandoz, Inc., member since 1982, 9 August 1983.

**Theodore E. Friedemann** of Boulder, Colorado, member of Section N since 1939, 3 October 1983.

**Richard Fuchs** of Oakland, New Jersey, member of Section M since 1963, 27 August 1983.

**Richard K. Gershon**, editor-in-chief, *Journal of Molecular and Cellular Immunology*, member of Section N since 1964, 11 July 1983.

**Perry A. Glick** of Brownsville, Texas, member of Section G since 1938, 9 August 1983.

**Harry Goldsmith** of Upper Montclair, New Jersey, member of Section C since 1945, 28 August 1983.

**Ralph W. Good** of Cincinnati, Ohio, member of Section N since 1949, 3 September 1983.

**Nelson Dow Griswold**, former director, Dow Chemical Company, member of Section D since 1949, 23 June 1983.

**Edward Alan Grula**, acting head, Department of Microbiology, Oklahoma State University, member of Section G since 1965, 1 September 1983.

**G. B. Gunlogson** of Racine, Wisconsin, member of Section O since 1947, 20 August 1983.

**Henry G. Hadley** of Loma Linda, California, member since 1979, 17 June 1983.

**Elmer Hutchisson** of Menlo Park, California, member of Section P since 1935, 10 April 1983.

**Richard S. Johnson** of Birmingham, Alabama, member of Section C since 1949, 31 August 1983.

**Jack L. King** of Richmond, California, member of Section G since 1975, 29 June 1983.

**Franjo Kogoj** of Zagreb, Yugoslavia, member of Section N since 1973, 30 September 1983.

**Hugo Peter Kortschak**, Lyon Arboretum, University of Hawaii, member of Section C since 1983, 18 August 1983.

**J. S. Kuczkowski** of Chicago, Illinois, member of Section C since 1983, 18 August 1983.

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**Stephen Laufer** of Spring Valley, New York, member of Section C since 1939, 4 October 1983.

**Philip L. Levins** of Lexington, Massachusetts, member of Section C since 1963, 27 August 1983.

**Robert L. Livingston**, Department of Chemistry, Purdue University, member of Section C since 1968, 21 August 1983.

**George T. Lodge** of Virginia Beach, Virginia, member of Section J since 1947, 26 April 1983.

**Douglas H. Lowndes** of Pasadena, California, member of Section A since 1963, 20 September 1983.

**Joseph F. McDonnell, Jr.**, of Alexandria, Virginia, member of Section C since 1928, 19 August 1983.

**John W. McKay** of Orange City, Florida, member of Section G since 1928, 6 July 1983.

**Wallace L. Minto** of Sarasota, Florida, member of Section C since 1950, 3 September 1983.

**Malcolm Mitchell** of Indianapolis, Indiana, member of Section M since 1964, 21 August 1983.

**San-ichiro Mizushima** of Tokyo, Japan, member since 1966, 3 August 1983.

**Charles H. Moore**, founding president, International Copper Research Association, Inc., member of Section M since 1957, 16 October 1983.

**June B. Moore** of San Anselmo, California, member of Section T since 1977, 21 July 1983.

**Sumner M. Morrison**, director, Environmental Health Services, Colorado State University, member of Section G since 1965, 13 November 1983.

**Harvey A. Neville** of Bethlehem, Pennsylvania, member of Section C since 1929, 11 October 1983.

**Homer E. Newell**, former associate administrator, National Aeronautics and Space Administration, member of Section X since 1947, 18 July 1983.

**Allen P. Newman** of Fremont, Ohio, member of Section N since 1966, 31 July 1983.

**Daniel F. Nickols** of Lincoln, Illinois, member since 1975, 23 November 1983.

**J. W. Nielsen** of Berkeley Heights, New Jersey, member of Section C since 1966, 3 May 1983.

**Horace W. Norton**, professor of statistics, Department of Animal Science, University of Illinois, member of Section U since 1945, 4 November 1983.

**William A. O'Leary** of Danbury, Connecticut, member of Section M since 1972, 29 June 1983.

**Harold A. Press** of Fayetteville, Penn-

sylvania, member of Section E since 1965, 27 August 1983.

**Derek deSolla Price**, Avalon Professor of the History of Science, Yale University, member of Section L since 1960, 2 September 1983.

**L. W. Rainard** of Wilmington, Delaware, member of Section N since 1964, 20 September 1983.

**Rodham Routledge** of San Antonio, Texas, member since 1983, 3 November 1983.

**Kalman W. Rusinow** of West Caldwell, New Jersey, member of Section B since 1948, 21 June 1983.

**Alexander Rush** of Philadelphia, member of Section N since 1947, 24 October 1983.

**Max T. Schnitker** of Toledo, Ohio, member of Section N since 1943, 4 May 1983.

**E. A. Schoenecker** of Milwaukee, Wisconsin, member of Section N since 1968, 23 September 1983.

**Milton J. Scott**, former research manager, Monsanto Company, member of Section C since 1948, 26 August 1983.

**Kirk Shinsky**, Department of Physics, University of California, Berkeley, member of Section B since 1977, 6 September 1983.

**Herbert J. Shumacher** of Little Rock, Arkansas, member since 1969, 13 June 1983.

**Raymond F. Taylor** of Pebble Beach, California, member of Section G since 1949, 12 October 1983.

**Hamilton P. Traub** of La Jolla, California, member of Section G since 1929, 14 July 1983.

**Homer C. Vaughan** of New York, New York, member of Section R since 1956, 29 October 1983.

**Philip C. Wakeley** of Ithaca, New York, member of Section G since 1926, 28 August 1983.

**Gregory W. Webb**, Department of Geology, University of Massachusetts, member of Section E since 1968, 4 October 1983.

**Boris Weinstein**, professor of chemistry, University of Washington, member of Section C since 1964, 29 July 1983.

**John L. Wilson** of Saint Paul, Minnesota, member of Section C since 1940, 1 September 1983.

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.

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**Biomathematician**, Ph.D. Background in statistics, mathematics, ecology, and entomology; teaching experience; computer programming skills; fluency in English, French, and German; publications. Seeking position in consulting or teaching. Box 33, SCIENCE. X

**Collagen Biochemist/Consultant**, Ph.D. Extensive experience in collagen, elastin, proteins, glycoproteins, and proteoglycans. Box 34, SCIENCE. X

**Enzymology/Molecular Biology/Microbiology**. Ph.D. with 2 years of postdoctoral work. Experienced in protein purification, recombinant DNA technology, tissue culture, immunology, in vitro mutagenesis. Seeks an industrial position as science adviser (preferred) or bench scientist in Greater New York area. Box 35, SCIENCE. 2/10, 17

**Ph.D. Psychology**. University of Lancaster, England. Research interests in construct psychology, personality, dreams and sleep research, and the unconscious and its phenomena. Skilled in multivariate statistics (regression, factor analysis, Bayesian approaches), computer programming (Fortran, Algol, Basic, Nova DG Assembler, IBM 370 Assembler), design of physiological monitoring instrumentation and computer interfaces, and psychological test construction. Published in *British Journal of Psychology*, *Psychometrika*, *Multivariate Behavioural Research*. Book proposal currently in review by Oxford University Press. Seeks university research post or position in research institute. Excellent references. Box 25, SCIENCE. 2/10, 17, 24

**Pulmonary Pharmacologist**, Ph.D. 1978. Postdoctoral training 1978 to 1980; 5 years of biochemical and physiological research in airway adrenergic, muscarinic,  $Ca^{2+}$ -channel, and leukotriene receptors. Specialized in animal models of asthma. Many publications. Seeks position in industry or academia. Box 36, SCIENCE. X

# Science

## Obituaries

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