

Portrait of First President to Hang at Association Headquarters

William C. Redfield, a key figure in the formation of the American Association for the Advancement of Science, served as the Association's first president. On 6 December, a portrait of Redfield, loaned to AAAS by the Redfield family, will be hung in the Association's new national headquarters.

Redfield was one of the most prominent scientists of his day, and as was the case with many people of that age, was involved in a wide range of activities—many born of an amateur's curiosity.

Born in Middletown, Connecticut, in 1789, Redfield was apprenticed to a saddlemaker as a boy. As a young man he began making detailed notes on how storms moved.

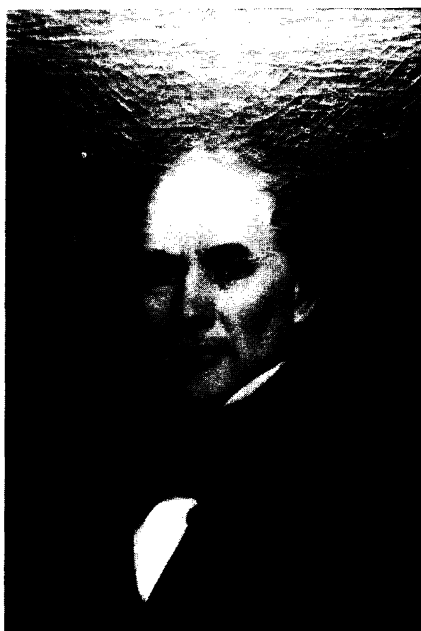
Based on observations of a hurricane that struck Connecticut and Massachusetts in September 1821, Redfield wrote that the storm was a "progressive whirlwind" and confirmed these observations by studying two storms that hit New York in 1830.

In 1831 Redfield published in the *American Journal of Science and Arts* his theory that storm winds blow counterclockwise around a center that moves in the direction of the prevailing winds. Often using information brought to him by sea captains, Redfield continued for 25 years to develop his theories on rotary motion of storms and to publish in American and British journals. He became one of the best known scientists of the day and, in 1839, was awarded an honorary degree by Yale University.

He also developed an interest in fossil fish and, in a series of papers published between 1838 and 1856, established himself as the first American specialist on fossil fish. Most of his work in this area still stands.

Redfield also ventured into applied science and engineering. Noting the frequency of explosions of steam boilers, he promoted a passenger-carrying safety barge drawn by a steam vessel. The Steam Navigation Company, where he served as superintendent, later began a towboat service for freight barges. Redfield designed a rail link between the Hudson and Mississippi River valleys and laid out the Harlem and the Hartford-New Haven railroads. He was a member of the board of the Hudson Railroad.

Redfield's prominence and his organi-



Portrait of William C. Redfield, first president of AAAS, to hang at Association headquarters.

zational know-how made him a key figure in the transformation of the Association of American Geologists and Naturalists into the American Association for the Advancement of Science. He served as president at the Association's first meeting in Philadelphia in 1848.

The portrait, loaned to the Association by Redfield's descendants, was painted in about 1840 and will be on display in the atrium of the AAAS headquarters.

Volume Addresses Scientific Communication and National Security

A new publication, *Striking a Balance: National Security and Scientific Freedom*, is now available. The volume of working papers, edited by Harold C. Relyea, is a part of the Committee on Scientific Freedom and Responsibility's (CSFR) ongoing effort to monitor and disseminate information related to government efforts to restrict communication and publication of unclassified research.

The eight essays are among the first to analyze and discuss the controversy over scientific communication and national security. Six of the essays originally were prepared for a panel at the 1982 AAAS Annual Meeting. Contributors include Mary Cheh, Peter J. Denning, Harold P. Green, Bobby R. Inman, Paul N.

McCloskey, Jr., and Daniel C. Schwartz. Two essays were prepared as study papers for the CSFR by Committee members Relyea and Stephen H. Unger. Together they represent an examination of the issues raised by policies designed to control communication of unclassified research within the United States and international scientific communities. The volume includes an extensive bibliography.

This volume provides a resource for individuals concerned about national security and scientific communication, and is suitable for classroom use. Copies are available for \$4 from the Order Department 1333 H Street, NW, Washington, D.C. 20005.

Obituaries

Barrelle N. Addis, chief of staff, Louisiana State University Student Health Center, member since 1980, 17 June 1985.

Libby K. Banks of Brooklyn, New York, member of Section Q since 1978, 14 May 1985.

Roland F. Beers of Manchester, Vermont, member of Section M since 1936, 11 July 1985.

John Joseph Buszek of Orchard Lake, Michigan, member of Section B since 1941, 12 July 1985.

Alfred Chidester, deputy chief for strategic minerals, U.S. Geological Survey, retired, member of Section E since 1973, 5 August 1985.

Louise W. Cureton of Knoxville, Tennessee, member of Section J since 1937, 9 April 1985.

John Doyle of Indianapolis, Indiana, member of Section H since 1936, 22 March 1985.

Laura Eisenstein, Department of Physics, University of Illinois, Urbana-Champaign, member of Section B since 1974, 14 August 1985.

Richard M. Emberson, director emeritus, Institute of Electrical and Electronics Engineers, member of Section M since 1941, 12 July 1985.

Arthur Emery, program director, Biological Sciences Division, Office of Naval Research, retired, member of Section C since 1950, 17 June 1985.

John Franklin Enders, professor emeritus of bacteriology and immunology, Harvard University, member of Section N since 1935, 9 September 1985.

Harold E. Enlows, professor emeritus and chair, Department of Geology, Ore-

(Continued on page 574)

AAAS NEWS

(Continued from page 533)

gon State University, member of Section E since 1965, 8 August 1985.

V. F. Estcourt of San Francisco, California, member since 1984, 11 May 1985.

Paul W. Farrar of Canby, Oregon, member of Section Q since 1946, 24 July 1985.

Victor W. Farris of Palm Beach, Florida, member since 1984, 7 March 1985.

Aaron Feder, New York Hospital-Cornell Medical Center, member of Section N since 1948, 19 March 1985.

Paul Flory, Nobel laureate and professor emeritus of chemistry, Stanford University member of Section B since 1949, 9 September 1985.

Vernon L. Folt of Akron, Ohio, member of Section C since 1967, 5 July 1985.

Howard Foncannon of Marcellus, Michigan, member of Section Q since 1952, 31 July 1985.

David R. Goddard, botanist, University of Pennsylvania, retired and member, AAAS Board of Directors, 1964-67, member of Section G since 1956, 9 July 1985.

Harold Goulden of Orange, New Jersey, member of Section C since 1932, 7 July 1985.

Robert E. Greenfield, Jr., of Northboro, Massachusetts, member of Section C since 1952, 2 August 1985.

Emily Mae Horrington of Silver Spring, Maryland, member of Section G since 1973, 23 August 1985.

Walter O. Jahrreiss of Baltimore, Maryland, member of Section N since 1951, 6 August 1985.

James Douglas Johnston of Bay Saint Louis, Mississippi, member of Section C since 1956, 31 July 1985.

Austin E. Jones of Spokane, Washington, member of Section B since 1973, 14 June 1985.

Raoul Naroll, distinguished professor of anthropology, State University of Buffalo, member of Section H since 1969, 25 June 1985.

Anthony F. O'Malley of Roswell, New Mexico, member of Section G since 1976, 11 June 1985.

Andrew C. Peacock of Rockville, Maryland, member of Section G since 1964, 26 June 1985.

Jeffrey B. Pearce of Broomfield, Colorado, member of Section B since 1972, 19 August 1985.

R. R. Porter, Department of Biochemistry, University of Oxford, member of Section G since 1968, 6 September 1985.

Srinivas N. Rao of New York, New

York, member since 1976, 4 August 1985.

Dan M. Rodgers of Manhattan, Kansas, member of Section O since 1976, 13 June 1985.

A. L. Russell, chief, epidemiology and biometry branch, National Institute of Dental Research, retired, member of Section R since 1959, 5 August 1985.

Mary Ellen Russell of Bellevue, Washington, member of Section M since 1962, 22 June 1985.

Herbert Scoville, Jr., president, Arms Control Association, member of Section X since 1969, 30 July 1985.

Theodore A. Sheets, Jr., of Cleveland, Ohio, member of Section C since 1953, 4 August 1985.

Norman Simon of Scarsdale, New York, member of Section N since 1963, 23 March 1985.

Donald B. Sinclair of Boston, Massachusetts, member of Section M since 1945, 24 August 1985.

Alexander W. Stern of Los Angeles, California, member of Section B since 1933 22 August 1985.

Emerson N. Zettle of Deltona Lakes, Florida, member of Section P since 1966, 14 July 1985.

Bert Zippel of Jamaica, New York, member since 1984, 4 May 1985.

Reminder for Members

In order to maintain a steady membership growth, AAAS conducts three direct mail promotion campaigns each year. The lists acquired from various sources are screened against the Association's membership list, but if there is *any* variation in name or address, duplications will not be caught. For example, if a member receives AAAS mail, including *Science*, at home but his/her office address appears on another list, it will not be rejected during this screening process. Or, if initials are used on our list and full name on another, again the duplication will be missed.

To help avoid such problems, AAAS is compiling a special file of alternate names and addresses. In order to be thoroughly accurate, we need your help. Below is a form on which you can list all other addresses or variations of your name by which you may be listed elsewhere. Please fill it in and send it to the AAAS national office.

The information is *for internal use only* and will be used only for the screening process described above.

If you have any questions, please contact Carol L. Rogers at the address on the form to the right or telephone 202-326-6430. The form may be copied.

TO: Carol L. Rogers, Head
Office of Communications & Membership
AAAS, 1333 H Street, NW
Washington, D.C. 20005

Name and address on AAAS membership list

Name

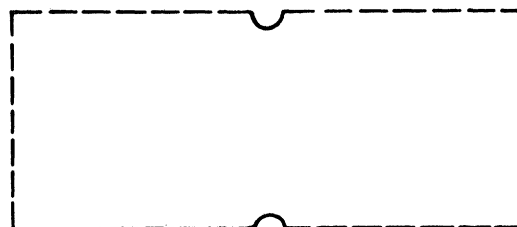
Address

City

State

Zip

Please attach *Science* label



Other address(es)

Any other name or spelling of name