

for the State Department of Education, and assistant dean of agriculture.

Cotterman received his B.S. degree from Ohio State University, attended summer school at the University of Wisconsin, and obtained an M.A. degree from Columbia University. He received his Ph.D. degree from American University. He has been president of the Maryland Vocational Association, the Maryland State Teachers' Association, the American Association of University Professors, and the National Education Association.

CYRUS H. FISKE and RONALD M. FERRY, both biochemists, have retired from Harvard University. Fiske, professor of biological chemistry, has made many fundamental contributions to the understanding of the chemistry of living tissues and has discovered numerous biologically important compounds. Fiske's colorimetric method for the determination of phosphorus, which he developed in 1925, is still employed in studies dealing with phosphorus metabolism. Textbooks of physiology and biochemistry lean heavily on his work.

Fiske received the A.B. degree from the University of Minnesota in 1910 and the M.D. from Harvard Medical School in 1914. He was named an assistant in biological chemistry at the Harvard Medical School in 1914, then was appointed (1915) as an associate in biochemistry at Western Reserve University. He became an assistant professor of biochemistry at Western Reserve in 1917, then returned to Harvard in 1918 as assistant professor of biological chemistry. He was appointed professor of biological chemistry at Harvard in 1935.

Ferry, associate professor of biochemistry, through his studies on the viability of airborne bacteria has contributed knowledge of airborne infections which could be valuable in defense against biological warfare. He has also contributed to an understanding of the physicochemical properties of blood.

Ferry worked closely with the late Edwin J. Cohn of Harvard, prior to World War II, in studies of hemoglobin and immunochemistry. During the war, as a lieutenant colonel in the Medical Corps, Ferry had charge of a technical division responsible for chemical and physical defense against possible enemy use of biological agents. He has continued his research in the general area of airborne infections under governmental sponsorship since the war.

Ferry received the A.B. degree from Harvard in 1912 and the M.D. from Columbia University in 1916. He interned at Presbyterian Hospital, New York. Following military service on the Mexican border and as a medical officer in World War I, he returned to Har-

vard as a research fellow in biological chemistry. He was appointed associate professor of biochemistry at Harvard in 1931. Ferry also has served as master of Winthrop House for 26 years.

WILLIAM G. COCHRAN, professor of biostatistics at Johns Hopkins University since 1948, has accepted a professorship in the new department of statistics at Harvard University. He is a specialist in sampling techniques and the design of experiments. Under the chairmanship of FREDERICK MOSTELLER, the department will conduct undergraduate and advanced teaching and research in statistical theory and practice and will advise scholars in other fields on the use of statistical methods in their work.

The City College (of New York) Chemistry Alumni Association has announced its Ninth Bicentennial Science Lecture and Medal Award. The medalist will be W. M. STANLEY, Nobel laureate and professor of biochemistry and director of the Virus Laboratory, University of California, Berkeley. He will deliver an address on "Relationships between viruses, genes and cancer" during the annual dinner of the association on 12 Sept. at the Henry Hudson Hotel, New York. The meeting is open to all, and reservations may be made through Dr. Frank Brescia, Department of Chemistry, City College of New York, Convent Ave. and 140 St., New York 31, N.Y.

STANLEY J. SARNOFF, chief of the laboratory of cardiovascular physiology of the National Heart Institute, has been named as the first recipient of a new award for "meritorious investigation in the field of cardiovascular disease and related topics." The \$1000 award was instituted this year with a gift made jointly to the Dallas Heart Association and the University of Texas Southwestern Medical School by the Leslie L. and Helen F. Jacobs Foundation.

JAQUES CATTELL has resigned as president of the Science Press, Inc., to take a position as manager of Pergamon Press interests in the United States, with the title of vice president and scientific editor.

ELMER R. WEAVER, chief of the gas chemistry section of the National Bureau of Standards, retired on 31 May after 45 years of service. He is well known in his field, and the techniques he developed for determining the performance of gas-burning appliances are now used as basic procedures in the approval testing of virtually every type of gas appliance sold in the United States.

He was also a pioneer in the develop-

ment of thermal-conductivity measurements for detecting hydrogen in World War I submarines. This work has now become the basis of a multimillion-dollar instrument industry. In World War II he developed a physical method for measuring the water-vapor content of aviators' oxygen to prevent the clogging of oxygen lines with ice crystals. In 1953, the Department of Commerce recognized Weaver's work by awarding him the gold medal, the department's highest honor. Weaver attended Stanford University, where he was awarded an A.B. in chemical engineering in 1910.

KAREL HUIER, associate professor of physics and astronomy at the University of Chattanooga, is giving a series of lectures this summer in Czechoslovakia at the invitation of the Czech Government. His lectures are on the general topic "The universe of the Mount Palomar Observatory."

## Recent Deaths

HARRIET M. ALLYN, South Hadley, Mass.; 74; retired academic dean and professor of anthropology at Mount Holyoke College, former president of the National Association of Deans of Women and the Council of Guidance and Personnel Associations; 7 July.

WALTER G. FRANKENBURG, Lancaster, Pa.; 63; director and vice president in charge of research and development in the General Cigar Company; organized the first purely scientific research laboratory in the American cigar industry; 4 July.

CONRAD NAGEL, JR., Pittsburgh, Pa.; 65; retired vice president of the Aluminum Company of America, formerly its chief metallurgist; made aluminum usable for aircraft by eliminating causes of excessive corrosion; 5 July.

FREDERICK W. PARSONS, New York, N.Y.; 81; psychiatrist, first N.Y. State Commissioner of Mental Health; did notable work on the rehabilitation of shell-shocked veterans; 5 July.

CHARLES H. SAMPSON, Lewiston, Me.; 74; recently associated with Leavitt Institute, Turner, Me., retired professor of engineering and descriptive geometry at Bates College, author of scientific and mathematics textbooks; 6 July.

RICHARD H. SMITH, Alexandria, Va.; 63; retired Department of Defense official, founder and first director of Brazil's Aeronautical Technical Institute, formerly professor of aeronautical engineering at Massachusetts Institute of Technology; 6 July.

JOHN J. STETZER, Philadelphia, Pa.; 82; retired dental surgeon, formerly president of the Academy of Stomatology; 7 July.