

the Ph.D. degree from Columbia University in 1921. He holds the honorary doctorate of science from Michigan (1941), Harvard (1945), Oxford (1952), and Boston (1956). In 1957 he was named honorary professor at the University of San Marcos, Lima, Peru.

Upon recommendation of the School Science Committee, the American Academy of Arts and Sciences at its meeting of 12 November presented the following nine teachers with Elizabeth Thompson Awards for outstanding science teaching in the secondary schools of New England: FREDERICK AVIS, head of the science department, St. Mark's School, Southborough, Mass.; ROGER BARTON, teacher of science, Orleans High School, Orleans, Vt.; FLORENCE HANCOCK, teacher of mathematics, Peterborough Consolidated School, Peterborough, N.H.; DOROTHY HARLOW, teacher of biology, Rockville High School, Rockville, Conn.; SANTO MARINO, teacher of science, Lexington Junior High School, Lexington, Mass.; ELIZABETH A. QUINN, teacher of science and assistant principal, Saxe Junior High School, New Canaan, Conn.; MARY C. ROGERS, science teacher, Thompson Junior High School, Newport, R.I.; LOUISE SWENSON, teacher of biology and chemistry, Lynn English High School, Lynn, Mass.; FRED L. TURNER, submaster and head of the science department, Cony High School, Augusta, Me.

Three pioneers of glass research were honored recently at a dinner at the Corning Glass Center, Corning, N.Y. EUGENE C. SULLIVAN, the late WILLIAM C. TAYLOR (see "Recent Deaths," this issue), and JESSE T. LITTLETON received the tribute of 85 fellow research scientists and engineers during an informal program commemorating the 50th anniversary of Corning's research laboratories.

Sullivan, dean of glass scientists, founded the Corning laboratory in 1908. The staff conducted the first organized glass research program in the United States and was one of the first industrial laboratories in the country.

Taylor joined the staff later in 1908 as a chemist. Together with Sullivan, he conducted research that led to the perfection of heat- and corrosion-resistant borosilicate glasses.

Littleton joined the laboratory in 1913 as the first physicist on the staff. He was responsible for developing glass cooking ware that was marketed under the Pyrex brand name.

The U.S. Navy's highest civilian honor has been awarded to EDGAR H. DIX, JR., retired assistant director of research,

Aluminum Company of America. In ceremonies held at the Pentagon in Washington, D.C., Garrison Norton, Assistant Secretary of the Navy (Air), presented Dix with the Distinguished Public Service Award. The citation states, in part:

"As assistant director of research of the Alcoa Research Laboratories of Aluminum Company of America, Dix was the guiding intellect in the development of high strength, corrosion resistant aluminum alloys which constitute the basic construction material in modern, high performance naval aircraft. Dix has devoted a lifetime to aviation in general; and naval aviation, in particular, has benefited greatly from his achievements. His vision, technical competence and efficient leadership have resulted in outstanding contributions to the nation's defense capability."

Recognized internationally as the dean of aluminum metallurgy, Dix retired from Alcoa on 1 September, following 40 years of service with the firm. He has been directly or indirectly responsible for the development of the majority of the aluminum alloys in use today.

A portrait of FRANCES R. HOUSTON was presented to the University of Pennsylvania on 6 November in recognition of her 40 years of service to medical students, faculty, and alumni as librarian of the university's School of Medicine. The 1958 medical class started the movement to obtain funds for the portrait. With the enthusiastic help of faculty and alumni, the necessary amount was quickly subscribed, and artist Pietro Pezzati, of Boston, was commissioned. The portrait has been hung in the Medical Library among those of many distinguished university medical educators of the past.

JOSEPH V. CHARYK has been appointed chief scientist of the United States Air Force. Charyk, general manager of the Space Technology Division of Aeronutronics Systems, Inc., a subsidiary of Ford Motor Company in Glendale and Newport Beach, Calif., succeeds G. E. VALLEY. Valley has accepted a position with Melpar, Inc., a subsidiary of Westinghouse Air Brake Co., Falls Church, Va.

FRANK K. PITTMAN has been appointed director of the Atomic Energy Commission's Division of Reactor Development, which now has responsibility for the functions previously assigned to the Office of Industrial Development, except for those having to do with isotope development. Pittman has been director of the Office of Industrial Development since it was established in December 1957.

In addition, ALLEN J. VANDER WEYDEN, former deputy director of the Division of International Affairs, has been named deputy director of the Division of Reactor Development.

The functions of isotope development have been placed in an Office of Isotope and Radiation Development, which is headed by Paul C. Aebersold.

Recent Deaths

DONALD GUTHRIE, Sayre, Pa.; 78; founder of the Guthrie Clinic and chief surgeon of Robert Packer Hospital; retired professor of surgery at the University of Pennsylvania School of Medicine; chief surgeon of the Lehigh Valley Railroad for 30 years; helped to organize the American Board of Surgery; 31 Oct.

PAUL U. KELLOGG, New Paltz, N.Y.; 79; for 40 years editor of *The Survey*, a sociological journal that was discontinued in 1952; led an investigation, 1907-09, of the Pittsburgh steel industry, the first such social survey, and revealed facts which contributed to the abolition of the 7-day week and the introduction of the 8-hour day in industry; 1 Nov.

JACKSON O. KLEBER, Whitestone, Queens; 58; director of research of the National Industries for the Blind and former chief engineer of the Talking Book studios of the American Foundation for the Blind; inventor of a number of devices to aid the blind, including a device with which the deaf-blind can communicate; 30 Oct.

LOUIS LAHN, Norwich, Conn.; 63; clinical professor of obstetrics and gynecology at New York Polyclinic Medical School and Hospital; associate professor of obstetrics and gynecology at the New York Medical College; associate gynecologist at the Hospital for Joint Diseases; 31 Oct.

ROBERT T. MOORE, Los Angeles, Calif.; 76; ornithologist and retired research associate professor in vertebrate zoology, California Institute of Technology and Occidental College; director of the Moore Zoological Laboratory at Occidental; led several ornithological expeditions to Ecuador and Mexico; 30 Oct.

JOHN F. STIMSON, Papeete, Tahiti; 75; noted Polynesian ethnologist; editor for Polynesia of *Webster's Dictionary*; author of the Tahitian-English and Tuomatuan dictionary; 19 Oct.

WILLIAM C. TAYLOR, Corning, N.Y.; 72; honorary vice president and general adviser of the Corning Glass Works, with which he had been associated for 50 years; coinventor of Pyrex, heat-resistant glass; holder of 32 patents; 2 Nov.