

FREDERICK N. RHINES, professor of light metals at Carnegie Institute of Technology, received the Henry Marion Howe Medal during the recent American Society for Metals' 39th National Metals Exposition and Congress in Chicago. This award is given annually for the best paper published in the society's Transactions. Rhine was honored for an article on "Grain Boundary Creep in Aluminum Bicrystals," which he wrote jointly with W. E. Bond and M. A. Kissel.

Leaders of industry and alumni and faculty of Cornell University recently held a recognition dinner to honor FRED RHODES, who retired from Cornell in June as professor emeritus of chemical engineering. He was the founder and first director of the School of Chemical Engineering at Cornell. During the dinner Rhodes was presented with a symbolic gift representing \$350,000 which is being raised to endow the Rhodes chair of chemical engineering at Cornell.

JOHN C. BUGHER, director of medical education and public health at the Rockefeller Foundation in New York, will present the second annual Carl V. Weller Lecture at 5 P.M. on 14 December in the University of Michigan's Horace H. Rackham Amphitheater. Bugher's topic will be "The Role of the Pathologist in Medicine." Sponsored by the Michigan Pathological Society, the annual Weller lectures were originated in 1956 in honor of the University of Michigan pathologist who was chairman of the department of pathology for 30 years.

HUGO BENIOFF, professor of seismology at the California Institute of Technology, has received the Arthur L. Day Medal of the Geological Society of America in recognition of outstanding contributions to geologic knowledge through the application of physics and chemistry to solution of geologic problems.

MOREAU S. MAXWELL, who has been chief of the arctic branch at the Arctic, Desert, Tropic Information Center, Maxwell Air Force Base, and who formerly taught anthropology at Beloit College, has been named curator of anthropology at the Michigan State University Museum and associate professor in the university's department of sociology and anthropology. One of his duties will be to develop further a graduate research program in archeology.

EDWIN DIAMOND, formerly science writer for International News Service, has been named science editor of *News Week*.

WENDELL A. HORNING, formerly head of reactor theory at the Ramo-Wooldridge Corporation, Los Angeles, Calif., has joined Atomics International, a division of North American Aviation, Inc., as group leader of theoretical neutron physics.

IRA D. CLARKE has retired from the U.S. Department of Agriculture after 40 years of service as a research chemist. He is a specialist in hides and skins, tanning materials, and leather. Clarke graduated from Butler University in 1912. After a brief career as a high-school teacher in Oklahoma and as assistant chemist at Iowa State College, he became a chemist for the USDA's Bureau of Chemistry in Washington in 1917. In 1941 he transferred to the new Eastern Regional Research Laboratory in Wyndmoor, Pa., where he has been since that time.

EUGENE P. WIGNER, Thomas D. Jones professor of mathematical physics at Princeton University, has begun a 2-month residency as visiting professor in the Enrico Fermi Institute for Nuclear Studies at the University of Chicago.

J. F. DOWNIE SMITH, dean of engineering at Iowa State College for the past 10 years, has been named a vice president of the Carrier Corporation and head of its Central Research and Development Division, effective 1 January 1958.

MAHGUL MOHAMAD ALI of Kabul, Afghanistan, graduate of La Fatima Jinnah Medical College in Lahore, Pakistan, and the first Afghan woman doctor, has been enrolled as a special student at the Woman's Medical College of Pennsylvania.

HAROLD S. JOHN, first holder of the Wilder chair in botany at the University of Hawaii, has been elected an honorary member of the Botanical Society of Japan. Election to the honor was conferred at the Diamond Jubilee celebration of the society, in Tokyo, 12-15 October.

THEODORE H. INGALLS, associate professor of epidemiology at the Harvard University School of Public Health, has been appointed professor of preventive medicine and epidemiology at the University of Pennsylvania, effective July 1958. At Pennsylvania, he will carry on a long-term study of methods for the early detection of chronic diseases, an activity supported by a 5-year grant from the W. K. Kellogg Foundation. In addition, he will develop projects for evaluating radiation hazards and for the control of congenital defects.

Recent Deaths

JESSE O. ARNOLD, Philadelphia, Pa.; 89; professor emeritus of obstetrics at Temple University Medical School; 3 November.

CHARLES BAGLEY, Jr., Baltimore, Md.; 75; professor emeritus of neurosurgery at the University of Maryland Medical School; 2 November.

HOMER W. CLOUGH, Richmond Hill, N.Y.; 88; retired meteorologist who served the U.S. Weather Bureau from 1893 to 1928; author of statistical analyses of meteorological and solar data; 27 October.

R. FINLEY GAYLE, Jr., Richmond, Va.; 65; psychiatrist and head of the psychiatric department at the Medical College of Virginia; past president of the American Psychiatric Association; author of many articles on psychiatry; 4 November.

HERBERT F. GERALD, Lake Zurich, Ill.; 76; professor emeritus of physiology and pharmacology at Creighton University and former chairman of the department; had been associated with the university since 1912; 18 October.

RICHARD C. HUBLEY, Fairbanks, Alaska; 31; geologist; coordinator of all United States glacial research in the Northern Hemisphere as part of the International Geophysical Year; 28 November.

EDWARD J. KEEGAN, Floral Park, N.Y.; 56; chairman of the biology department at St. John's University; 27 November.

B. K. NORTHROP, Ithaca, N.Y.; 64; professor of electrical engineering at Cornell University since 1929; 25 October.

THOMAS ROBINS, Stamford, Conn.; 89; inventor; founder and former chairman of the board of the Hewitt-Robins Company, Stamford, Conn.; the conveyor belt he devised and later perfected for Thomas A. Edison is used by industry in most countries throughout the world; 4 November.

C. W. SCHWARTZ, White Plains, N.Y.; 66; retired physician and radiologist and former associate professor of radiology at the College of Physicians and Surgeons of Columbia University; 30 October.

G. ALEXANDER YOUNG, Omaha, Neb.; 81; former head of the department of neuropsychiatry at Creighton University and the University of Nebraska; pioneered in the use of insulin in the Midwest for treatment of mental illness; 3 November.

Erratum: The value of the ratio of "apparent" retention volumes $(V'_R)_H/(V'_R)_D$, given in paragraph 2, sentence 3 of the report, "Isotope Effects in Gas-Liquid Chromatography," by K. E. Wilybach and P. Riesz [*Science* 126, 748 (18 October 1957)], should have been 1.08 ± 0.01 instead of 1.80 ± 0.01 .