

the Bell System Westrex Division. Greer Hydraulics is an engineering-manufacturing concern specializing in fluid mechanical components and systems for aeronautics, missiles, and industrial applications.

GUENTHER STOTZKY, formerly research associate in the department of botany, University of Michigan, has joined the United Fruit Company as soil microbiologist at the new Central Research Laboratories, Norwood, Mass.

WILLIAM M. FAIRBANK, now an associate professor at Duke University, will become professor of physics at Stanford University next fall. He is a specialist in low-temperature physics. In recent years he has earned wide recognition for his work on the distinctly different properties of the isotopes helium-3 and helium-4 in their liquid state.

VICTOR HICKS was recently promoted to rear admiral, U.S. Naval Reserve, thereby becoming the first and only engineering duty (ordnance) officer of flag rank, regular Navy or Naval Reserve. Not now on active duty with the Navy, he is in charge of the physics laboratory at the Allen-Bradley Company in Milwaukee, Wis., and research professor of physics on the graduate faculty of Marquette University.

The 80th birthday of KURT GOLDSTEIN, last 6 November, will be celebrated in the spring issue of the *Journal of Individual Psychology*. The special issue will include an autobiographical statement and a group of papers gathered by a committee of friends. The issue will also contain a large portrait of Goldstein and his bibliography from 1936 to 1958. The prepublication price of the Goldstein issue is \$1.75. For further information, write to: Journal of Individual Psychology, University of Vermont, Burlington, Vt.

The Albuquerque (N.M.) Nuclear Division of the Kaman Aircraft Corporation has announced the appointment to its senior research staff of FRANK B. GRAY, Jr. For many years Gray was head of the applied physics development group of the Leeds and Northrup Company, where he was responsible for the development, design, and initial applications of electronic and optical instrumentation for industrial and military contracts.

Appointment of DONALD M. BROWN as research associate in botany to conduct overseas procurement of exotic plants for potential medicinal purposes has been announced by the College of Medical Evangelists, Loma Linda, Calif. Brown will leave for East Africa

soon after 1 February. Purpose of the program, financed by the Sterling-Winthrop Research Institute of Rensselaer, N.Y., is to discover and develop natural products, primarily plants, used as medicines by primitive overseas tribal groups. Brown was professor of botany and chairman of biology at La Sierra College in Arlington, Calif.

WILLIAM C. HOLLAND has been named professor of pharmacology and chairman of the department at the University of Mississippi School of Medicine. He replaces JAMES C. RICE, who retired on 31 December 1958. Holland has been a member of the pharmacology department faculty at Vanderbilt University School of Medicine since 1950.

THOMAS P. NASH, JR., professor of chemistry and dean of the School of Biological Sciences, University of Tennessee Medical Units, has received the 1958 Southern Chemist Award of the American Chemical Society's Memphis Section. He was honored "for distinguished service to the profession of chemistry in the Southern states."

JAMES B. FISK, formerly executive vice president of Bell Telephone Laboratories, has been elected president of the company. He succeeds MERVIN J. KELLY, who has been elected chairman of the board of directors. Kelly has served as president of the Laboratories since 1951. ESTILL I. GREEN, vice president in charge of systems engineering, is the new executive vice president.

HENRY E. BILLINGSLEY has been appointed director of the Office of International Cooperation of the National Aeronautics and Space Administration. He was formerly chief of the Western European Division of the Defense Department's Office of Internal Security Affairs. Billingsley will head a NASA-sponsored program to coordinate U.S. nonmilitary research and development in aeronautical and space matters with similar work of other nations and international organizations. This cooperative program was authorized by the National Aeronautics and Space Act of 1958.

The 1958 Southwest Award of the American Chemical Society was recently presented posthumously to KENNETH A. KOBE, former chairman of the department of chemical engineering in the University of Texas. The prize is given annually by the society's local sections in Oklahoma, Arkansas, Louisiana, Texas, and New Mexico for exceptional achievement by a chemist or chemical engineer. Kobe was cited for his contributions to the development of chemical processes and to chemical engineering education.

Recent Deaths

BENJAMIN F. BAKER, Monroeville, Pa.; 60; engineer with the Westinghouse Electric Corporation for 34 years and holder of 104 patents; taught physics at the University of Pittsburgh before joining Westinghouse; 21 Dec.

ELIZABETH M'QUEEN BANCROFT, Hermosa Beach, Calif.; 80; founder of the Women's International Association of Aeronautics; 25 Dec.

RUSSELL T. CRAWFORD, Berkeley, Calif.; 82; professor emeritus of astronomy at the University of California, Berkeley, who computed the orbits of many astral bodies; 21 Dec.

LINCOLN GODFREY, JR., Philadelphia, Pa.; 43; research director of the National Council of Alcoholism; 19 Dec.

HENRY KRUMB, New York, N.Y.; 83; mining engineer and director of the Newmont Mining Corporation; former vice president of the American Institute of Mining and Metallurgical Engineers; 27 Dec.

FRANCIS LEACH, Silver City, N.M.; 70; mineralogist, technologist and general manager of the Radium Company of Colorado; built a laboratory and pilot plant for the extraction and refining of radium, in partnership with her husband; 24 Dec.

ROBERT MATHESON, Ithaca, N.Y.; 87; professor emeritus of the department of entomology and limnology of Cornell University and a staff member since 1909; author of textbooks; 14 Dec.

WILLIAM E. MOFFITT, Cambridge, Mass.; 33; associate professor of chemistry at Harvard University and a leader in theoretical chemistry; 19 Dec.

ORSON D. MUNN, Southampton, N.Y.; 75; patent lawyer and former editor and publisher of *Scientific American* magazine; 22 Dec.

ELMER M. NELSON, Arlington, Va.; 66; head of the nutrition division of the Food and Drug Administration since 1949, and director of the vitamin division from 1935 to 1949; 25 Dec.

LEONA ORBELI, Moscow, U.S.S.R.; 77; physiologist and a specialist in military medicine who worked with Ivan Pavlov; secretary of the Soviet Academy of Science's section on biological science until 1948; 12 Dec.

CLARA THOMPSON, New York, N.Y.; 65; founder and executive director of the William Alanson White Institute of Psychiatry; assistant executive director of the Washington School of Psychiatry, 1943-46; coauthor of *Psychoanalysis: Its Evolution and Development*; 20 Dec.

JOHN E. YOUNGER, Hyattsville, Md.; 66; head of the mechanical engineering department at the University of Maryland; taught at the University of California before joining the University of Maryland in 1938; 30 Dec.