

## Scientists in the News

DON W. FAWCETT, professor and head of the department of anatomy at Cornell University Medical School since 1955, has been appointed Hersey professor of anatomy and head of the department at Harvard University, effective 1 July.

Lt. Gen. JAMES H. DOOLITTLE, chairman of the board of directors of Space Technology Laboratories, Inc., Los Angeles, Calif., has been awarded the Public Welfare Medal of the National Academy of Sciences, for "eminence in the application of science to the public welfare."

C. H. FISHER, director of the U.S. Department of Agriculture's Southern Utilization Research and Development Division, has received the 1959 Herty Medal of the American Chemical Society's Georgia section.

H. J. GREENBERG, acting manager of the International Business Machines Corporation's engineering science department, has been appointed manager of the mathematics theory department at I.B.M.'s Lamb Estate Research Center in Cortlandt, N.Y.

GERHARD J. HILDEBRAND has been appointed research physiologist at the Naval Biological Laboratory, School of Public Health, University of California, Berkeley.

JAMES A. REYNIERS, professor of bacteriology and founder and director of the Lobund Institute at the University of Notre Dame, has been appointed director of the Germfree Life Research Center, Tampa, Fla.

VINCENT DU VIGNEAUD, professor of biochemistry at Cornell University Medical College, has been named an honorary fellow of the Royal Institute of Chemistry, London, England.

THOMAS B. DREW, professor of chemical engineering and chairman of the nuclear engineering program at Columbia University, has been appointed visiting professor of chemical engineering at Massachusetts Institute of Technology for the academic year 1959-60. He will be on sabbatical leave from Columbia University.

MILDRED ALLEN, professor of physics at Mount Holyoke College, and ALICE H. FARNSWORTH, chairman of Holyoke's astronomy department for more than 30 years, will retire on 1 July.

Miss Allen, who received her A.B. from Vassar and her Ph.D. from Clark University, first taught at Mount Holyoke from 1918-20, and again between 1923-26. She has been on the faculty since 1933, and for 7 years she served as department chairman. Particularly interested in mechanics, intermediate electricity, heat, and optics, she has conducted research under C. L. Norton at Massachusetts Institute of Technology, W. F. G. Swann at Yale University and at the Bartol Research Foundation of the Franklin Institute; C. E. Howe at Oberlin College; and P. W. Bridgman at Harvard University.

Miss Farnsworth was graduated from Mount Holyoke in 1916 and returned in 1920 with M.S. and Ph.D. degrees from the University of Chicago, where she taught for a year. She was also a Martin Kellogg fellow at the Lick Observatory, University of California. Her principal research has been concerned with the space-absorption and luminosity function of stars in a region of the constellation Cassiopeia. She has also published numerous reports on occultations of stars with the moon, as well as on observations on sun spots which have been carried on continuously at Mount Holyoke since 1900.

MOSES G. JACOBSON recently retired from his position as research physicist with the technical products division of Mine Safety Appliances Company, Pittsburgh, Pa. He will remain with the company as a consultant.

OSMUND T. FUNDINGSRAND, manager of the microwave physics laboratory of Sylvania Electric Products, Inc., has been appointed director of research at the Raytheon Manufacturing Company, Waltham, Mass.

The following scientists have received the Department of Defense Distinguished Civilian Service Award, the highest honor conferred on civilian employees.

WALLACE E. DIETRICH, JR., supervisory general engineer, Bureau of Ships, Department of the Navy, for outstanding contribution to the design of ships for the Navy through development of a special analog computer.

HERBERT FRIEDMAN, superintendent, Atmosphere and Astrophysics Division, U.S. Naval Research Laboratory, Department of the Navy, for development of radiation detection devices and the conduct of important research in astronomy and astrophysics, including the first ultraviolet rocket survey of the celestial sphere.

EZRA KOTCHER, technical director, Wright Air Development Center, Wright-Patterson Air Force Base, Department of the Air Force, for exceptional contributions during the past 12 years to "strategic concepts and decisions of the greatest importance to the defense of the United States and the free world."

JOHN S. PATTON, air intelligence specialist, headquarters, U.S. Air Force, Department of the Air Force, for his outstanding accomplishments as an engineer, scientist, and educator over a period of 30 years.

ALVIN G. WAGGONER, civilian executive assistant to the director of guided missiles, Office of the Secretary of Defense, and executive secretary of the Office of the Secretary of Defense Ballistic Missiles Committee, in recognition of his exceptional contributions to the national guided missile and space program.

ESA HYYPPÄ, director of the Pleistocene Division of the Finnish Geological Survey, will visit this country in July and August to inspect evidence connected with the ice age. Appointments for conferences with Hyyppä on his travels in the Middle West, Far West, and Canada may be made with Prof. R. J. Lougee, Clark University, Worcester, Mass.

MILES D. MCCARTHY, chairman of the department of zoology at Pomona College, will resign next fall to become chairman of the science division of the new Orange County State College at Fullerton, Calif.

The Royal Society, London, England, has elected the following new foreign members:

MELVIN CALVIN, physical chemist at the University of California.

GERHARD DOMAGK, bacteriologist at the University of Munster, Germany, and director of the Farbenfabriken Bayer Research Laboratories.

JAN H. OORT, astronomer and specialist in galactic structure at the University of Leiden, the Netherlands.

AXEL H. T. THEORELL, enzyme chemist at the Nobel Medical Institute, Stockholm, Sweden.

JOHN A. D. COOPER, professor of biochemistry at Northwestern University, has been named associate dean of the university's Medical School.

Sir SOLLY ZUCKERMAN, deputy chairman, Advisory Council on Scientific Policy, Office of the Lord President of the Council, Privy Council Office, London, will lecture at California Institute of Technology during the months May and June. He will also visit New York and Washington.

CHARLES YANOFSKY, assistant professor of biology at Stanford University, has received the \$1000 Eli Lilly Award for outstanding research in microbiology. The presentation took place at a recent banquet of the Society of American Bacteriologists.

The following awards were among those presented during the American Chemical Society's 135th national meeting.

CEDOMIR M. SLIEPCEVICH, associate dean and head of the University of Oklahoma School of Engineering, has received the \$3000 Ipatieff Prize.

FRANTISEK SORM, general secretary of the Czechoslovak Academy of Sciences and director of the academy's Chemical Institute, has received the Fritzsche Award, sponsored by Fritzsche Brothers, Inc., New York.

HARRY F. LEWIS, vice president and past dean of the Institute of Paper Chemistry, Appleton, Wis., has received the Scientific Apparatus Makers Award.

JOHN E. WILLARD, dean of the University of Wisconsin Graduate School, has received the ACS Award for Nuclear Applications in Chemistry, sponsored by the Nuclear Chicago Corporation.

ERNEST M. GRUNWALD of the Florida State University, has received the ACS Award in Pure Chemistry, sponsored by Alpha Chi Sigma.

JAMES I. HOFFMAN, head of the metallurgy division of the National Bureau of Standards, Washington, D.C., has received the Fisher Award in Analytical Chemistry.

PAUL BERG of Washington University has received the Eli Lilly and Company Award in Biological Chemistry.

CHARLES A. ZITTLE of the U.S. Department of Agriculture's Eastern Regional Research Division, Philadelphia, has received the ACS Award in the Chemistry of Milk, sponsored by the Borden Company Foundation, Inc.

JOHN C. SHEEHAN of the Massachusetts Institute of Technology has received the ACS Award for Creative Work in Synthetic Organic Chemistry, sponsored by the Synthetic Organic Chemical Organization.

EDWIN R. GILLILAND of Massachusetts Institute of Technology has received the ACS Award in Industrial and Engineering Chemistry, sponsored by the Esso Research and Engineering Company.

GEORGE C. PIMENTEL of the University of California has received the ACS Award in Petroleum Chemistry, sponsored by the Precision Scientific Company.

H. HOWARD CARY, president of the applied Physics Corporation, Monrovia, Calif., has received the Beckman Award in Chemical Instrumentation.

MINOR J. CONN of the University of Michigan has received the Paul-Lewis Laboratories Award in Enzyme Chemistry.

FLOYD E. BARTELL of the University of Michigan has received the Kendall Company Award in Colloid Chemistry.

JOHN RODGERS, associate professor of geology at Yale University, has been awarded a National Science Foundation senior postdoctoral fellowship and will take a year's leave of absence to study the structural geology of the Alpine ranges with Paul Fallot, professor at the Collège de France, Paris. Rodgers will return to Yale in September 1960.

S. WARREN CAREY, professor at the University of Tasmania, Australia, will be visiting professor of geology at Yale University during the academic year 1959-60.

LEONARD BERTIN, formerly with *Financial Post*, Toronto, Canada, has joined the *Toronto Daily Star* and the *Star Weekly* as science editor.

BRUCE H. BILLINGS, vice president and director of Baird-Atomic, Inc., Cambridge, Mass., has been appointed assistant director of research and engineering, Department of Defense.

CHAJIRO LONIZAWA of the National Institute of Agricultural Sciences, Tokyo, Japan, will spend 3 months this summer working at the Insect Physiology Laboratory of the Entomology Research Division, U.S. Department of Agriculture.

JAMES H. MEANS, Jackson professor emeritus of clinical medicine at Harvard University and former chief of medical services at the Massachusetts General Hospital, delivered the annual Gay lecture on medical ethics at the Harvard Medical School.

HANS NEURATH, professor of biochemistry and executive officer at the University of Washington, has been presented with a citation from the Austrian federal minister of education for outstanding merit in making the 4th International Congress of Biochemistry a success.

AKE HANNGREN of the University of Stockholm's Karolinska Hospital, Stockholm, Sweden, and a specialist in the study and treatment of tuberculosis and chest diseases, will be at the University of Chicago's department of pharmacology for 6 months. He will join Lloyd J. Roth, associate professor of pharmacology in a study of new anti-tuberculosis drugs.

RICHARD F. POWELL, professor of chemistry at the University of California, Berkeley, has received the College Chemistry Teacher Medal of the Manufacturing Chemists' Association. The \$1000 prize will be presented on 11 June at the association's 87th annual meeting, which was held in White Sulphur Springs, W. Va.

WALTER M. ELSASSER, professor of theoretical physics at Scripps Institution of Oceanography and the University of California, La Jolla, has received the William Bowie Medal of the American Geophysical Union.

## Recent Deaths

ELMORE E. BUTTERFIELD, New York; 77; retired physician and chemical consultant; specialist in hematology and pathology; chief chemist at the chemical and physical testing laboratories of the Queens Borough President's office, 1918-29; instructor in pathology at the University of Michigan, 1904-06; author of *A History of the Lorentz Transformations in Mathematical Physics*; 16 May.

EDWARD W. GIFFORD, Berkeley, Calif.; 71; retired in 1957 as professor of anthropology at the University of California; associate curator of the university's Anthropology Museum before joining the faculty in 1920 as a lecturer; vice president of the American Anthropology Association in 1943; 15 May.

CARROLL W. GRIFFIN, Poughkeepsie, N.Y.; 58; chairman of the department of chemistry at Vassar College, and a faculty member since 1932; research associate in chemistry at Rutgers University, 1931-32; chairman of the department of chemistry at Mississippi Woman's College, 1929-31; former associate professor of chemistry at Brenau College (Ga.); author of sections in his field in the *Encyclopedia Americana*, and of a textbook, *Inorganic Quantitative Analysis*; 4 May.

GEORGE T. JORDAN, Vermillion, S.D.; 83; retired Chicago physician and a former president of the National Association of Ophthalmologists; at his death, chief of staff at the Dakota Hospital, and a faculty member of South Dakota University's Medical School; former head of the Eye, Ear, Nose and Throat Department of Mercy Hospital, Chicago; had taught at Loyola University; 17 May.

J. GORDON LEE, Silver Spring, Md.; 56; noted for his work on head and neck surgery; chief surgeon at the Mount Alto Veterans Administration Hospital, Washington, D.C., since 1948; adjunct professor of clinical surgery at the medical schools of Georgetown and George Washington universities; founder of the American Board of Traumatic Surgery; 11 May.

ANTOINETTE R. PETERSON, New York; 88; founder and treasurer of the old Child Health Organization, that merged in 1923 with the American Child Hygiene Association to form the American Child Health Association; had worked with the late L. Emmett Holt, famous child specialist; 19 May.