

Harvard Graduate School of Public Administration, succeeds Nelson A. Rockefeller, the new governor of New York. Rockefeller served as chairman of the committee, a position that has now been assigned to ARTHUR S. FLEMMING, Secretary of Health, Education and Welfare.

ABRAHAM HORWITZ of Chile assumed office as director of the Pan American Sanitary Bureau on 1 February. He succeeded FRED L. SOPER of the United States, who became director emeritus after having completed three 4-year terms as bureau director. At the time of his election to the PASB, Horwitz was assistant director of his country's National Health Service and professor of preventive medicine at Chile's National University.

The first annual Louis W. Hill Space Transportation Award has been made posthumously to the distinguished American rocket pioneer, ROBERT H. GODDARD (1882-1945). The award, which carries an honorarium of \$5000, was presented to the scientist's widow at the annual Honors Night Dinner of the Institute of the Aeronautical Sciences, which took place on 27 January in New York.

The new award was established by the Louis W. and Maud Hill Family Foundation of Minneapolis to honor American scientists for "research in any or all of the fundamental sciences relating to space travel or space technology" and is administered by the IAS. Although it was established to encourage and reward living scientists, both the Award Board and the Hill Foundation agreed that the first recipient should be Dr. Goddard, who, despite opposition and ridicule during more than 40 years of determined effort, tremendously advanced the science of rocketry.

Goddard began his rocket researches in 1899 when he was 17 years old. Many of the techniques which he first developed and tried out are now regarded as basic. He first suggested the multistage rocket in 1909. Other modern devices which resulted directly from his work are the Army's "bazooka" launcher and JATO (jet assisted take-off), now widely used by many types of military aircraft.

Although the importance of his work was frequently not appreciated during his lifetime, Goddard was materially assisted by a grant from Harry Guggenheim and, during his later years, by the U.S. Navy.

At the recent joint annual meeting of the American Physical Society and the American Association of Physics Teachers, PAUL KIRKPATRICK of Stanford University received the Oer-

sted Medal, CHARLES H. TOWNES of Columbia University delivered the 17th Richtmyer Memorial Lecture of the AAPT, CONYERS HERRING of Bell Telephone Laboratories received the Oliver E. Buckley Solid-State Physics Prize, MRS. LLOYD W. TAYLOR received a scroll as part of the Taylor Manual Ceremony, and JAMES G. POTTER of the Agricultural and Mechanical College of Texas and WILLIAM C. KELLY of the American Institute of Physics received AAPT Distinguished Service Citations.

JOHN B. NELSON of the Rockefeller Institute for Medical Research has received the Charles A. Griffin Award of the Animal Care Panel in recognition of his work on the control of diseases of laboratory animals. Nelson's research on endemic pneumonia of rats has led not only to control of this respiratory infection but also to elimination of many other diseases from animal colonies.

L. N. H. BUNT, professor of mathematics at the University of Utrecht, Netherlands, is at present a visiting professor at Teachers College, Columbia University. Bunt is a member of the Subcommittee for the Netherlands of the International Commission on Mathematical Instruction. Recently he served as adviser to the Minister of Education of the Government of Brazil for a program on the teaching of mathematics in secondary schools and colleges.

V. A. ENGELHARDT, director of the Biochemical Institute, Moscow, recently spent 2 days lecturing and visiting the Radiation Laboratory and the Donner Laboratory at the University of California, Berkeley. He was accompanied by Mrs. Engelhardt, a biochemist with whom he has collaborated in studies on the chemistry of muscular contraction.

WILLIAM B. BEAN, professor and head of the department of internal medicine at the State University of Iowa, has been elected a fellow of the Royal Society of Medicine, London.

JOHN C. RIEDEL has been appointed senior project engineer, electronics, for the Endevco Corporation, Pasadena, Calif., an electronic instrumentation firm. Formerly he was test engineer with Consolidated Electrodynamics and supervising engineer of the electronics group at Northam Electronics.

Also at Endevco, DONALD E. LOVELACE, previously in the Transducers Division of Consolidated Electrodynamics, has been appointed senior project engineer, transducers.

Recent Deaths

WILLIAM S. BRACKETT, Charleston, W. Va.; 60; since 1944, vice president in charge of engineering of the Union Carbide Chemicals Company; 8 Jan.

RUSSELL S. FOWLER, New York, N.Y.; 84; honorary director emeritus of surgery and chief surgeon for 43 years of the Wyckoff Heights Hospital, Brooklyn; one of the founders of the American College of Surgeons, and founder and past president of the Clinical Society of the Wyckoff Heights Hospital; co-developer of Fowler's position, a resting position for postoperative patients; author of several books on surgery; 7 Jan.

ERNST K. JORDAN, London, England; 97; entomologist who went to England from Germany in 1893 to serve as curator of entomology at the Zoological Museum at Tring, Hertfordshire, England; in 1930, named director of the museum, his post at retirement in 1939; internationally known for his studies of parasitic insects; 13 Jan.

SIDNEY I. KORNHAUSER, Louisville, Ky.; 71; professor and chairman of the department of anatomy at the University of Louisville School of Medicine, 1922-58; chairman of Commission on Biological Stains; 1 Jan.

RAYMOND R. LANIER, Denver, Colo.; 44; professor and head of the department of radiology at the University of Colorado since 1950; taught gross anatomy at Washington University, 1937-42, and roentgenology at the University of Chicago, 1948-50; was the central figure in a national controversy three years ago when he warned that radioactive dust from the Nevada atomic tests had become a menace to public health; 24 Nov.

AUGUST M. MEULEMANS, Kansas City, Mo.; 69; head of the department of biology, Rockhurst College, for 27 years; taught at the University of Wisconsin and at Xavier College before joining Rockhurst; 22 Dec.

SAMUEL PENNELL, New York, N.Y.; 58; associate attending physician and hematologist at the Maimonides Hospital; invented an apparatus for performing direct transfusions; 6 Jan.

MARY M. ROBERTS, New York, N.Y.; 82; editor-in-chief of the *American Journal of Nursing* from 1921 until her retirement in 1949; author of several books on nursing; 9 Jan.

Erratum: The levels enzyme activity given in Table 1 of the report, "Red Cell Glucose-6-Phosphate and 6-Phosphogluconic Dehydrogenases and Nucleoside Phosphorylase," by P. A. Marks [*Science* 127, 1338 (1958)] are incorrect by a factor of 10^3 . All activity levels should read per 10^9 , not 10^6 , erythrocytes.