

course, expert in information theory), testifying to the applicant's interest and preparation for the activities of the School.

Elected

The National Academy of Sciences has re-elected Detlev W. Bronk, president of the Rockefeller Institute of Medical Research, to a third four-year term as president of the Academy. Howard P. Robertson, professor of mathematical physics at the California Institute of Technology, was named foreign secretary. The following are among the thirty newly elected members of the Academy: Martin Deutsch (Massachusetts Institute of Technology), Leo Goldberg (University of Michigan), Maurice Goldhaber (Brookhaven National Laboratory), Robert Hofstadter (Stanford University), Robert E. Marshak (University of Rochester), Robert R. McMath (Michigan), Frank Press (California Institute of Technology), Llewellyn H. Thomas (Columbia University), Chien-Shung Wu (Columbia), and Bruno H. Zimm (General Electric Co.). Max von Laue, director of the Fritz-Haber-Institut of the Max Planck Society of Berlin, was among the newly elected foreign associates of the Academy.

Publications

The Special Libraries Association Translation Center, located at the John Crerar Library in Chicago, has announced that it can now furnish, on a subscription basis, printed catalog cards for current scientific and technical material which has been translated into English from all languages, including Russian. This latest effort of the Center will make available in card form the thousands of citations given in the Center's bibliographical journal, *Translation Monthly*. Four types of subscriptions to translation catalog cards are available: (1) full coverage of *Translation Monthly* (approximately 12 000 titles yearly), (2) coverage of all translations currently received by the Center (approximately 6750 titles yearly), (3) coverage of all Russian translations received by the Center (approximately 3100 titles yearly), or (4) coverage of all titles in specific subject fields. In January 1957, at the request of the National Science Foundation, the SLA Translation Center took over the Russian translations housed in the Scientific Translations Center at the Library of Congress, and since then Russian material has been received regularly at the Center. Further information about the SLA Translation Center and its services may be obtained from The SLA Translation Center, The John Crerar Library, 86 East Randolph Street, Chicago 1, Ill.

An International Lighting Vocabulary of the International Commission on Illumination, Volume 1 (2nd Edition), is now ready for distribution through the organization's US National Committee. The publication is the result of 20 years' work and contains 530 terms with definitions, as well as numerous symbols

and formulas. The publication is in English, French, and German, and its principal sections cover radiation, photometry, colorimetry, eye and vision, production of light, lamps, auxiliary apparatus, lighting techniques, lighting fittings, and light signals. Volume 2 will be published in 1959 and will contain the same terms, without definitions, in ten languages. A limited number of copies of Volume 1 are available at a prepublication price of \$2.50. Orders, with remittances payable to "US National Committee, CIE", should be sent to Mr. T. D. Wakefield, Treasurer, USNC, Vermilion, Ohio.

Three new journals in the Atomic Energy Commission's Technical Progress Review Series have made their appearance in recent months. *Power Reactor Technology*, prepared for the AEC by Walter H. Zinn and associates, of the General Nuclear Engineering Corp., Dunedin, Fla., is intended to report on progress in general research and development and to summarize information on specific types of power reactors. *Reactor Fuel Processing*, prepared by Stephen Lawroski and associates at Argonne National Laboratory, is to summarize and evaluate current fuel processing developments resulting from AEC-sponsored programs and, where possible, from industrial programs. *Reactor Core Materials*, prepared for the Commission by R. W. Dayton, E. M. Simons, and associates, of Battelle Memorial Institute, is designed to provide a condensed source of information on the characteristics and fabrication of core materials which are solid at reactor operating temperatures. All three journals will be issued quarterly and are available by subscription (domestic, \$2 per year; foreign, \$2.50 per year) or by single issue (55¢) from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C.

The National Academy of Sciences has announced that the *IGY Bulletin*, official monthly publication of the US National Committee for the International Geophysical Year, is now available by subscription. The monthly *Bulletin* includes brief articles and reports on projects and experiments in a dozen different scientific fields covered by the US-IGY program as well as available news of IGY activities in other countries. Subscription to the *Bulletin* is \$4.00. This will include all back issues, dating from July 1957, together with all future issues. It is intended that the *Bulletin* will be published at least through December 1958 and possibly through June 1959. Subscription orders should be sent to the Publications Office, National Academy of Sciences, 2101 Constitution Avenue, Washington 25, D. C.

The latest semiannual price list of Atomic Energy Commission research reports is now available from the Office of Technical Services on request. The new list, AEC Research Reports Price List No. 29, may be obtained without cost by writing to OTS, US Department of Commerce, Washington 25, D. C.

The University of California at Los Angeles is taking orders for the rental of a 16-mm film series of lectures on space technology presented by UCLA in

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Karl Lark-Horovitz, head of the Physics Department at Purdue University, Lafayette, Ind., died of a heart attack on April 14 while in his office at the University. His age was 64.

Born in Vienna, Austria, Dr. Lark-Horovitz received his PhD in physics from the University of Vienna in 1919. He remained on the staff there until 1925 when he went to Toronto, Canada, as an International Research Council fellow. Between 1925 and 1928 he taught and did research at the University of Toronto, the University of Chicago, the Rockefeller Institute, and Stanford University; in 1928 he was named professor of physics at Purdue. He became director of Purdue's physical laboratory in the following year and head of the Physics Department in 1931, remaining active in both positions until the time of his death.

Dr. Lark-Horovitz was known for his work in many fundamental areas of physics and physical chemistry research, and the range of his interests included such subjects as solid-state and semiconductor physics, x-ray studies of crystal structure, and nuclear physics and radioactive tracers. He was a fellow of the American Physical Society and a member of the American Association of Physics Teachers.

Walter S. Huxford, professor of physics at Northwestern University, died suddenly at his home in Evanston, Ill., on the evening of February 12, after having spent his usual working day in the laboratory. He was 65 years of age. His birthplace was Neligh, Nebr. His education included a bachelor's degree at Doan College, a master's degree at the University of Nebraska, and a doctor's degree at the University of Michigan in 1928. He joined the faculty of Northwestern University in 1931, where he continued to serve as teacher and research scientist until his death.

Before he joined the Northwestern faculty Professor Huxford's career had included two years as an officer in the US Army Signal Corps during and after the first world war, teaching in Nebraska high schools and at Doan College, where he was head of the Physics Department, and three years as an industrial physicist. His primary research interests were physical electronics and the dynamics of electrical discharges in gases, in which fields he and his research students published numerous papers. During and following the second world war he served as director of research and development programs at Northwestern on the use of optical radia-

tions for communication, sponsored by the US Navy Bureau of Ships and the US Army Signal Corps. His contributions to the national defense were recognized by award of the Army and Navy Certificate of Merit in 1947. The last two years before his death were difficult ones for Professor Huxford, because of repeated blows to his health. Only his seemingly unlimited courage and resolution enabled him to carry on his research until the day of his death.

He was a fellow of the American Physical Society and a member of the Optical Society of America and the American Association of Physics Teachers.

Mark M. Mills, deputy director of the University of California's Livermore Laboratory, died on April 7 in a helicopter crash at the Eniwetok Proving Ground. His age was 40. Born in Estes Park, Colo., he graduated from the California Institute of Technology in 1940 and received his PhD there in 1948.

In 1942 Dr. Mills became a leader in the development of solid rocket propellants at the Jet Propulsion Laboratory, Pasadena, Calif. He returned to Caltech in 1945, continuing work on jet propulsion until 1948 when he joined North American Aviation, Inc., as a member of a special research section studying various types of reactors. In 1951, he went to the Forrestal Research Center at Princeton University as technical director of a fundamental research program in combustion and jet propulsion and a year later returned to North American as a staff specialist. He joined the University of California Radiation Laboratory at Livermore in 1953, becoming head of the Theoretical Physics Division. He was named an associate director of the Livermore Laboratory in 1956 and was recently appointed deputy director. Dr. Mills initiated a curriculum in nuclear engineering at the University of California at Berkeley, where he held the rank of professor of nuclear engineering.

In 1953, Dr. Mills became a member of the US Air Force Scientific Advisory Board on Evaluation of the Aircraft Nuclear Propulsion program. He was also a member of the Advisory Committee on Reactor Safeguards and the Advisory Committee on Atomic Energy of the Secretary of Defense, and he belonged to both the American Physical Society and the American Association of Physics Teachers.

Frank M. Simpson, professor emeritus of physics at Bucknell University, Lewisburg, Pa., died in Ithaca, N. Y., on April 10. His age was 85. Prof. Simpson was born in Clifford, Pa., and graduated from Bucknell in 1895, receiving his master's degree there two years later. He joined the Bucknell staff in 1900 to teach science in the Bucknell Academy and in 1902 was named professor of physics at the University. He was director of Bucknell's physical laboratory from 1921 until his retirement in 1942, at which time he was named professor emeritus. Prof. Simpson belonged to both the American Physical Society and the American Association of Physics Teachers.