

Princeton's department of classics, in his plans for Princeton's pioneering Wilson fellowship program.

Another Wilson Foundation appointment is that of HANS ROSENHAUPT as the foundation's national director. In accepting his new post, Rosenhaupt relinquished his recent appointment as assistant provost of Columbia University.

In 1957, after the Wilson fellowships had been jointly underwritten for 5 years by 37 American universities and by grants from the Carnegie Corporation and General Education Board, the present program was brought into being with a grant of \$24,500,000 from the Ford Foundation for a 5-year period. In its first year of operation the foundation granted fellowships to almost 1000 United States and Canadian students who will enter graduate schools this fall. One of the distinctive features of this recruitment program is that any college faculty member may nominate any eligible student. The Wilson Foundation's new headquarters at 32 Nassau St., Princeton, N.J., were opened on 1 August.

HOWARD BOROUGHS has resigned his position as chief scientist of the Atomic Energy Commission project at the Hawaii Marine Laboratory, University of Hawaii, to join the staff of the Interamerican Institute of Agricultural Sciences, Turrialba, Costa Rica, which has recently started a new laboratory for research and training in the use of radioisotopes in agriculture for Latin American countries.

The National Advisory Committee for Aeronautics has conferred its highest award, the Distinguished Service Medal, on its executive secretary, JOHN F. VICTORY. The award citation reads in part:

"John Francis Victory for almost a half-century has devoted himself unflinchingly to the advancement of aeronautics. Since 23 June 1915, when he became its first employee, he has vigorously supported the programs, policies and objectives of the National Advisory Committee for Aeronautics. . . ."

BERNARD M. FRY has been named deputy head of the Office of Scientific Information at the National Science Foundation. Fry joins the foundation from the U.S. Atomic Energy Commission, where he was assistant director for technical information and chief of the AEC Technical Information Service.

W. F. FARAGHER has been appointed assistant to the president of the Temple University Research Institute. The institute, which conducts research in the fields of chemistry at high temperatures produced by combustion or

electrical arcs, propellants for missiles, and specialized organic chemistry, plans to extend its work to the petroleum field. For the past 27 years Faragher has been a close associate of Eugene J. Houdry, pioneer in catalytic petroleum cracking processes. Faragher served as director of research, and later as chemical adviser, in the Houdry Process Corporation.

Faragher is a former assistant director of the Mellon Institute, Pittsburgh, Pa. While at the institute, he founded the School of Petroleum Engineering at the University of Pittsburgh, which he headed with professorial rank.

E. YALE DAWSON, formerly associate professor of biology in the Allan Hancock Foundation, has become research director of the newly established Beaudette Foundation for Biological Research at Solvang, Calif. Initial activities of the foundation include studies of the benthic marine botany of the northeastern Pacific.

STEPHEN P. TIMOSHENKO, professor emeritus of Stanford University and a pioneer in the development of engineering mechanics as a science in this country, will receive an Elliott Cresson Medal from the Franklin Institute on 15 October.

ELSA O. KEILES has returned to the Division of Research Grants, National Institutes of Health, as executive secretary of the Metabolism and Nutrition Study Section. For the past 2 years, she has served as professional associate in the Grants and Training Branch of the National Heart Institute.

V. M. INGRAM, member of the Medical Research Council's Molecular Biology Research Unit, Cavendish Laboratory, Cambridge, England, will be a visiting professor in the biology department of the Massachusetts Institute of Technology for a period of 1 year.

JULIAN M. AVERY of Greenwich, Conn., who invented the method of high-pressure operation of blast furnaces for the production of pig iron, will receive the Francis J. Clamer Medal from the Franklin Institute on 15 October.

Recent Deaths

MORTON ARENDT, New York, N.Y.; 81; electrical engineer; assistant professor of electrical engineering at Columbia University, until his retirement in 1943; holder of 50 patents; 22 Aug.

WILLIAM S. AYARS, Leonia, N.J.; 84; retired professor of industrial engineering at Columbia University; had

taught at Pratt Institute, Pennsylvania State College, and Nova Scotia Technical College in Halifax; 23 Aug.

WILLIAM H. BRADFORD, Portland, Me.; 92; physician and surgeon; founder and president of the New England Surgical Society; 21 Aug.

ALEXEI M. CHEREMUKHIN, Moscow, U.S.S.R.; 63; leading Soviet aircraft designer; chief deputy of A. N. Tupolev, whose design bureau has produced many of the Soviet Union's most famous aircraft; specialist on stress analysis and tensile strength of materials; 15 Aug.

NEVA R. DEARDORFF, Southampton, N.Y.; 71; associate professor of social economy at the Bryn Mawr College Graduate School; statistical expert in social welfare and health work for more than 40 years; 22 Aug.

EDWARD G. FORD, Kenilworth, N.J.; 53; professor of chemistry at Drew University; 22 Aug.

HENRY F. HELMHOLZ, Rochester, Minn.; 75; head of the pediatrics section of the Mayo Clinic, 1921-46; chief medical consultant for the United Nations Children's Fund in Europe in 1947-48; 19 Aug.

LINVILLE L. HENDREN, Athens, Ga.; 78; professor and head of the physics department at the University of Georgia, 1908-37; dean of the Franklin College of Arts and Sciences, dean of administration, and dean of faculties between 1932 and 1950; 7 May.

ERNEST O. LAWRENCE, Palo Alto, Calif.; 57; director of the Radiation Laboratory at the University of California who made major contributions to the early development of nuclear physics; received the Nobel Prize in 1939 for inventing the cyclotron and last October won the Atomic Energy Commission's \$50,000 Fermi Award; recipient of many other national and international honors, including the French Legion of Honor and honorary membership in the Soviet, Swedish, and Irish academies of science; developed the first color television tube; assistant professor of physics at Yale University before joining the University of California in 1928; became a full professor at the age of 29; 27 Aug.

DONALD M. LIDDELL, New York, N.Y.; 79; metallurgist and author of metallurgical and chemical handbooks; 17 Aug.

DANIEL P. O'BRIEN, Torrington, Conn.; 61; administrator of the medical science and research division of the Rockefeller Institute for Medical Research in New York until his retirement in 1947; 16 Aug.

ORMAN C. PERKINS, Brooklyn, N.Y.; 65; neurologist, former professor of neurology at the Long Island College of Medicine and director of neurology for the college's hospital; 14 Aug.