

tion and development of the Photon type-composing machine.

JACQUES Y. P. SEJOURNET, managing director of Comptoir Industriel d'Etirage et Profilage de Metaux, Persan, France, also received a John Price Wetherill medal for his invention of the Ugine-Sejournet extrusion process for metals, which stressed the utilization of glass as a lubricant.

RICHARD Y. CASE, assistant manager and chief engineer for the power transmission department, United States Rubber Company, received an Edward Longstreth medal for his invention of a timing belt for precision timing among shafts of industrial machines.

CARLETON K. STEINS, a mechanical engineer for the Pennsylvania Railroad, received the George R. Henderson medal for inventions that have contributed to the progress and efficiency of the railroad transportation system.

The following are among those who have received honorary doctoral degrees.

McGill University, Montreal: J. B. COLLIP, dean of medicine at the University of Western Ontario and director of the division of medical research, Canadian National Research Council; OTTO MAASS, a principal research officer in the division of pure chemistry of the Canadian National Research Council; E. G. D. MURRAY, bacteriologist, research professor at the University of Western Ontario.

Lehigh University: HOWARD A. RUSK, chairman of the department of physical medicine and rehabilitation of the New York University-Bellevue Medical Center.

The following appointments to assistant professor have been announced. State University of Iowa: IAIN MACLEAN SMITH and JACK M. MARTT, internal medicine.

Necrology

SIEGFRIED BLOCK, New York, N.Y.; 73; neurologist and psychiatrist; instructor in nervous and mental diseases at Long Island Medical College; advocate of children's courts; 18 Oct.

LEWIS R. BURDICK, Silver Spring, Md.; 54; senior fuels engineer with the branch of bituminous coal, Bureau of Mines, Washington, D.C.; 13 Oct.

HARRY B. HUMPHREY, Los Altos, Calif.; 82; retired U.S. Department of Agriculture plant pathologist; 13 Oct.

CARL R. MOORE, Chicago, Ill.; 62; chairman of the department of zoology at the University of Chicago; international authority on the biology of sex; 1943 vice president for AAAS Section F—Zoological Sciences; 16 Oct.

GEORGE T. RENNER, Leonia, N.J.; 55;

professor of geography at Teachers College, Columbia University; author or co-author of 19 books and numerous papers and pamphlets; 14 Oct.

Education

■ The 100th anniversary of the founding of the department of metallurgy at Yale University was celebrated on 14 and 15 Oct. The convocation also marked the 50th anniversary of the university's Hammond Metallurgical Laboratory.

■ The Research Unit of the Blue Bird Children's Clinic for Neurological Disorders, Houston, Tex., was officially opened on 15 Oct. This unit is for fundamental research in the physiology of the nervous system. The clinic and research unit are affiliated with Baylor University College of Medicine and Methodist Hospital, Houston, Tex.

Claude Fortier has been appointed director of the laboratories of neuroendocrinology, the first section of the Research Unit to be activated. Fortier was formerly assistant professor in the Institute of Experimental Medicine and Surgery at the University of Montreal and more recently research associate in the department of neuroendocrinology at the Institute of Psychiatry, University of London. In addition to his appointment in the Blue Bird Children's Clinic, Fortier has been appointed to the faculty of Baylor University College of Medicine as associate professor of physiology.

■ Operation of the high-altitude wind tunnel has begun at the University of California's Engineering Field Station in Richmond. The tunnel is four times more powerful than the university's former model. Under the supervision of F. C. Hurlbut, a physicist, the new facility will be used to study the behavior of objects traveling more than six times the speed of sound at altitudes 20 to 80 miles above the earth. Support for the research program comes from the Office of Naval Research, the National Advisory Committee for Aeronautics, and the Office of Scientific Research and the Air Research and Development Command of the U.S. Air Force.

■ The University of Michigan has initiated a new and more liberal foreign language requirement for Ph.D. candidates. The plan will permit students in certain departments to substitute an integrated program of graduate course work—at least 9 hours—for one of the languages usually required for the doctorate. In other cases students will be permitted to substitute another foreign language for the customary French or German. Also, a student whose native

language is not English, and who plans to return to his home country at the completion of his study, will be permitted to offer English as one language toward the requirement.

Individual departments of the graduate school are now submitting suggested programs of course work that might be substituted for a language. Two departments have had such programs approved—psychology and fisheries. Examples of course-work areas that have been approved in psychology are: mathematics, including statistics; anthropology; biochemistry; comparative literature; and programs in various area studies.

The new plan is in line with a general trend toward liberalizing doctoral language requirements. Institutions that have already established similar plans include Harvard University, Columbia University, the University of Chicago, and the University of Minnesota.

Grants, Fellowships, and Awards

■ Nominations are invited for the \$1000 Osborne and Mendel award, which was established by the Nutrition Foundation, Inc., for the recognition of outstanding accomplishments in the general field of exploratory research in the science of nutrition. It shall be given to the investigator who has made the most significant published contribution in the year preceding the annual meeting of the American Institute of Nutrition, or who has published a series of contemporary papers of outstanding significance. The award will be presented at the institute's annual meeting.

As a general policy, the award will be made to one person; however, if in the judgment of the jury of award an injustice would otherwise be done, it may be divided among two or more persons. Normally, preference will be given to research workers in the United States and Canada, but investigators in other countries, especially those sojourning in the United States or Canada for a period of time, are not excluded from consideration. Membership in the Institute of Nutrition is not a requirement for eligibility and there is no age limitation.

Nominations may be made by anyone. Nominations for the 1956 award, accompanied by data relative to the accomplishments of the nominee, must be sent *before 1 Jan. 1956* to the chairman of the nominating committee, Dr. Otto A. Bessey, Department of Biochemistry and Nutrition, University of Texas Medical Branch, Galveston, Tex.

■ The School of Mathematics of the Institute for Advanced Study will allocate a small number of grants-in-aid to gifted young mathematicians and mathemati-