RESEARCH ON OPTICAL GLASS AT MELLON INSTITUTE

A BROAD program of fundamental investigations on the chemistry and physics of glass surfaces to aid in the development of scientific apparatus and ophthalmic instruments has been started at Mellon Institute of Industrial Research by the Bausch and Lomb Optical Company, of Rochester, N. Y. The first studies will be concerned with the effects of environmental factors on the durability of the various types of glass used in optical instruments.

The Bausch and Lomb Optical Company, whose research in optical glass dates from the initial work of William Bausch in 1912, has maintained a fellowship at Mellon Institute since 1931 for research on various plant and production problems in optical technology. New developments in the past have included improved greases for optical instruments, cements for ultraviolet transmitting optics, improved methods for making and testing mirrors and reflectors, and standardization of the sizes of fine abrasives used in grinding lenses.

Dr. Frank L. Jones, the fellow since 1930, will be in charge of the new investigations of the Bausch and Lomb Optical Company at Mellon Institute. An enlarged staff will continue the work on plant problems at the new research laboratory of the company in Rochester. Dr. Jones received his professional education at Bucknell (B.S., 1925) and at Columbia (A.M., 1927; Ph.D., 1931).

FIFTH INTERNATIONAL CONGRESS FOR APPLIED MECHANICS (1938)

THE American committee, to whom has been delegated responsibility for organizing the fifth International Congress for Applied Mechanics by the International Committee at its meeting at the University of Cambridge, England, in July, 1934, announces that the fifth congress will meet in Cambridge, Mass., from September 12 to 16, 1938, at Harvard University and the Massachusetts Institute of Technology. As in the past, this congress is to be a meeting of those working in the field of applied mechanics before whom reports of recent work may be presented for discussion.

The program will cover three main divisions of applied mechanics as follows:

1. Structures, Elasticity, Plasticity, Fatigue, Strength Theory, Crystal Structure.
2. Hydro and Aerodynamics, Gasdynamics, Hydraulics, Meteorology, Water Waves, Heat Transfer.
3. Dynamics of Solids, Vibration and Sound, Friction and Lubrication, Wear and Seizure.

Following the meeting at Cambridge, it is expected that arrangements will be made to visit the National Bureau of Standards, Washington, and the National Advisory Committee for Aeronautics at Langley Field.

Dormitory and boarding facilities will be made available by Harvard University. Inquiries should be addressed to the Fifth International Congress for Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass., U. S. A.

TH. VON KÁRMÁN
J. C. HUNSAKER
Secretaries

AUTUMN GENERAL MEETING OF THE AMERICAN PHILOSOPHICAL SOCIETY

THE American Philosophical Society Held at Philadelphia for Promoting Useful Knowledge will hold the first of the autumn general meetings on November 27 and 28. The sessions for the reading of scientific papers are open to the public. The program is as follows:

FRIDAY MORNING, NOVEMBER 27, AT 9:30 O'CLOCK
Edwin G. Conklin
Vice-president, in the Chair

Land Mollusks from Cozumel Island, Mexico, and Their Bearing on the Paleogeography of the Region: Horace G. Richards, research associate, New Jersey State Museum.

Exploration in Northern Mexico for Mollusks in 1934–35: Henry A. Pilsbry, The Academy of Natural Sciences of Philadelphia.

Studies of Morphological Variations in the Intestinal Amoebae of Man with Special Reference to the Nucleus: David H. Wenrich, professor of zoology, University of Pennsylvania.

Somatic Segregation in Relation to Atypical Growth: Donald F. Jones, Connecticut Agricultural Experiment Station.

Extra-chromosomal Influence on the Incidence of Tumors in Mice: Clarence C. Little, director, Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Maine.

Quantitative Studies of Radium Poisoning: Robley D. Evans, assistant professor of physics, Massachusetts Institute of Technology.

Color Changes in Fishes and the Autonomic Nervous System: George H. Parker, professor emeritus of zoology, Harvard University.

Effect of Hemorrhage and Peptone Injections on Platelet Production in the Lungs: William H. Howell, professor emeritus of physiology, the Johns Hopkins University.

The Structure and Function of the Facial and the Labial Pits of Snakes: G. Kingsley Noble, American Museum of Natural History.

The Rhinoceroses of the White River Oligocene: William B. Scott, professor emeritus of geology, Princeton University.

Evolution of the Elasmotheres. (To be read by title.) Horace Elmer Wood, 2d, professor of biology, University of Newark.

Luncheon for members and invited guests at 1 o'clock.