

John L. Rice, commissioner of health, and has the hearty endorsement of the university.

The first four floors of the building will be used by the city as headquarters for maternal care, child welfare, nursing and other public health services. The center will be one of the few to offer treatment to both tuberculosis and venereal disease patients.

The laboratories and research rooms above will be so equipped that they may be used for any field of research in public health. A model classroom, built to comply with the standard requirements of a public-school classroom in the city of New York, is situated in the southeast corner of the seventh floor. Besides being used for lectures, the room will provide opportunity for research into procedures necessary to protect the health of school children. The fifth floor will contain a laboratory designed specifically for research into diseases caused by industrial occupations and a statistical office where a complete record of the number, kinds and occurrences of various diseases may be kept. The general laboratory for students and research workers will be situated on the sixth floor.

The seventh floor will also house an air laboratory equipped for the study of the various sources of contamination of air in public places. A bacteriological laboratory, on the same floor, will contain all the modern equipment necessary for the study of bacteriology. The offices of Dr. Haven Emerson, executive officer of the institute, and his staff will be connected with individual laboratories completely furnished with chemical, physical and bacteriological facilities for private research. A water laboratory, a sterile room, a machine shop and three laboratories for general research complete the arrangements for the top floor.

There will also be a library, a student lounge and staff accommodations. The ground floor will contain an auditorium and exhibit hall where public health education will be carried on under the direction of the institute and of the Department of Health.

SYMPOSIA IN PHYSICS AT THE UNIVERSITY OF CHICAGO

Two symposia of interest to physicists are to be held at the University of Chicago from June 23 to 30, as follows:

I. *Symposium on Liquids and Polyatomic Molecules*, a joint symposium of the chemistry and physics departments, to be held on June 23 and 24 and on June 26 and 27.

The first part of the symposium is devoted to the liquid state (structure of liquids, viscosity, condensation of liquids, the fusion process, two-dimensional liquids, infrared absorption and hydrogen bonding). The second part includes discussion of visible and ultra-violet spectra of complex molecules, the color of dyes, refractivity, optical activity and liquid and molecular viewpoints in nuclear structure. The speakers include K. F. Herzfeld, B. E. Warren, J. G. Kirkwood, O. K. Rice, F. A. Ogg, Jr., J. E. Mayer, H. Eyring, W. D. Harkins, W. H. Rodebush, L. Pauling, R. S. Mulliken, E. Teller, J. Franck, T. R. Hogness.

II. *Symposium on Cosmic Rays*, June 27 to 30. The subjects to be discussed include:

The Intensity and Absorption of Cosmic Rays.
Geographic and Geomagnetic Effects.
Time Variations of Cosmic Rays.
Composition of Cosmic Rays.
Energy Distribution of Cosmic Rays.
Showers and Bursts.
Mesotrons and Other Heavy Particles.

The expected participants include:

P. Auger from Paris; W. Bothe and W. Heisenberg from Germany; P. M. S. Blackett and B. Rossi from England; J. Clay from Holland; G. Herzog from Switzerland; C. Anderson, V. F. Hess, T. H. Johnson, R. A. Millikan, W. F. G. Swann and M. S. Vallarta from elsewhere in the United States, and A. H. Compton, W. P. Jesse, M. Schein and V. Wilson from Chicago.

SCIENTIFIC NOTES AND NEWS

FIVE members of the Rockefeller Institute for Medical Research, all of them members of the National Academy of Sciences and two of them Nobel laureates, having reached or passed the age of sixty-five years, are retiring from active work. These are Dr. Alexis Carrel, who announced his retirement a year ago; Dr. Florence R. Sabin, who retired early this year; Dr. Karl Landsteiner; Dr. Phoebus A. Levene and Dr. Winthrop J. V. Osterhout. The mandatory retirement rule is being enforced in all organizations with which the Rockefeller foundations are connected. It is stated that pensions will be given and that every laboratory facility will be provided to enable those who retire to

continue their research work on their own responsibility if they desire to do so.

PORTRAITS of ten past presidents of the Explorers Club, New York City, were unveiled on April 9. These were Rear Admiral Robert E. Peary, General A. W. Greely, Dr. Frederick A. Cook, General David L. Brainard, Carl E. Akeley, Vilhjalmur Stefansson (present president), George G. Heye, James B. Ford, Roy Chapman Andrews and Dr. Walter Granger.

A NEW Hall of Optical Science, part of the Division of Light, Vision and Optics, was opened on April 20 at the New York Museum of Science and Industry in