

and its very numerous effects in the atmosphere of the earth. The expense of the necessary instruments and the theoretical complexity of the problems will limit these special researches to a comparatively few students, but every encouragement is extended to those who are able to work along these lines.

FRANK H. BIGELOW

BERLIN,

September 30, 1910

LECTURES ON PUBLIC HEALTH

A COURSE of lectures on public health problems and the prevention of disease will be given at Teachers College, Columbia University, on Mondays at 5 P.M. throughout the year. The lectures, which are open to the public, are to be given during the first half year as follows:

October 10—"The Development of Public Health Work," Dr. Hermann M. Biggs, Medical Officer of the Department of Health of the City of New York.

October 17—"Water Pollution and Water Purification," Dr. C. E. A. Winslow, Associate Professor of Biology, College of the City of New York; Curator of Public Health, American Museum of Natural History.

October 24—"Clean Streets as a Factor in Public Health" (to be announced later).

October 31—"The Collection and Disposal of Municipal Waste," George A. Soper, Ph.D., Metropolitan Sewerage Commission.

November 7—"Communicable Diseases, Diphtheria, Typhoid Fever, Scarlet Fever, etc.—Their Transmission," Dr. William Hallock Park, Director, Research Laboratories, New York City Health Department.

November 14—"Communicable Diseases—Their Prevention," Dr. William Hallock Park.

November 21—"Some Examples of the Control of Infectious Diseases," Dr. Simon Flexner, Director of the Rockefeller Institute.

November 28—"The City Milk Supply and its Control," Dr. Ernst Lederle, President and Commissioner, New York City Health Department.

December 5—"Flies and other Insects as Carriers of Disease" (to be announced later).

December 12—"Housing and Health," Mr. Lawrence Veiller, Secretary, National Housing Association.

December 19—"Tuberculosis: The General

Problem; The Organized Campaign against the Disease," Dr. Livingston Farrand, Executive Secretary, National Association for the Study and Prevention of Tuberculosis.

January 9—"Tuberculosis as a Social Problem. Methods of Treatment," Dr. James Alexander Miller, Associate Professor, Clinical Medicine, College of Physicians and Surgeons.

January 16—"What the Teacher should know of the Tuberculosis Problem," Dr. S. Adolphus Knopf, Associate Director of Clinic of Pulmonary Diseases, Department of Health.

January 23—"What the Teacher could do toward the Solution of the Tuberculosis Problem," Dr. S. Adolphus Knopf.

LOWELL LECTURES

EIGHT courses of Lowell lectures are announced for the present season, of which five are in the sciences. These are as follows:

Eight lectures by Franz Boas, LL.D., professor of anthropology in Columbia University, on "Cultural Development and Race." (1) "Human Faculty and Race," (2, 3) "Hereditary Stability and Adaptation in Human Types," (4) "Human Faculty as a Result of Cultural Development," (5) "Relations between Type, Language and Culture," (6) "Unconscious and Rational Elements in the Mental Development of Mankind," (7) "Can the History of Civilization be considered as a Single Evolutionary Series?" (8) "Types of Thought in Primitive and in Advanced Society." On Wednesdays and Fridays at 8 P.M., beginning Wednesday, October 19.

Eight lectures by Edward Bradford Titchener, LL.D., Sage professor of psychology in the Graduate School of Cornell University, on "The Structure of Mind." (1) "The Problem," (2) "The Method," (3) "Sensation," (4) "Attention," (5) "Perception; the Problem of Meaning," (6) "Conscious Attitude," (7) "Memory and Imagination," (8) "Patterns of Consciousness." On Tuesdays and Thursdays at 5 P.M., beginning Tuesday, November 1.

Eight lectures by William Ernest Castle, professor of zoology in Harvard University, on "Heredity in Relation to Evolution and Animal Breeding." (1) "Biological Discov-