

Commerce, and the other industrial and technical investigations and experiments which have been carried on by the Forest Service in the last two years, were discussed at a conference of Forest Service officials at Madison, Wis., on April 14 to 17. The Forest Service Laboratory, the Washington Office of Industrial Investigations, and each of the seven National Forest Districts were represented at the conference by specialists. Among the subjects discussed were: Cooperation of the Forest Service with industries, lumber distribution in the United States, utilization of low-grade lumber and mill waste, adaptation of manufacturing and grading to specific classes of consumers, unification and standardization of lumber grades, study and development of general markets for National Forest timber, mill scale studies, including technical methods, tallying, etc.; lumber depreciation and the collection and compilation of lumber price data.

UNIVERSITY AND EDUCATIONAL NEWS

APPROPRIATIONS for two new buildings to meet the needs of the University of Ohio and for additional tracts of farm land west of the Olentangy have been voted through the finance committee of the lower branch of the legislature. These extensions would involve an expenditure of \$340,000. A domestic-science building to cost \$150,000 and a shop building for manual training to cost \$120,000 are provided. Ninety acres of land would be purchased west of the Olentangy River at a probable cost of \$70,000.

THE department of geology of Oberlin College is to move soon from the old building to a modern home in the science quadrangle. The museum has recently added much valuable data, including a collection of paleozoic fossils carefully worked over, identified and labeled; a collection of gold and silver, lead, bismuth and other ores from Utah and Idaho; a considerable number of topographic coast survey and other maps, and a large collection of wall pictures.

PROFESSOR C.-E. A. WINSLOW has been appointed to the newly established Anna M. L.

Lauder professorship of public health at the Yale Medical School. He will give up his connection with the New York State Department of Health and the Teachers' College to take up this work next fall, but will continue to act as curator of public health at the American Museum of Natural History.

PROFESSOR JAMES F. NORRIS, head of the chemistry department and of the department of general science of Simmons College, Boston, has accepted the position of professor of chemistry and director of the chemistry laboratories of Vanderbilt University, Nashville, Tenn.

At the Massachusetts Institute of Technology Associate Professor Henry G. Pearson is advanced to the grade of professor of English and he will be placed in charge of the department on the retirement of Professor Arlo Bates at the end of the present academic year. The following assistant professors are advanced to the grade of associate professor in their respective departments: Dr. Robert F. Bigelow, zoology and parasitology; W. Felton Brown, freehand drawing; Harold A. Everett, naval architecture and H. R. Kurrelmeyer, German. Instructor Henry B. Phillips is advanced to assistant professor of mathematics, and assistant instructors K. C. Robinson and John E. Bird are advanced to the grade of instructor in mechanical drawing. Miss Ruth M. Thomas, research assistant in organic chemistry, is advanced to research associate in the same department. The title of Professor A. E. Kennelly is changed from chairman to director of the research division of the department of electrical engineering.

MR. W. L. MOLLISON has been elected master of Clare College, Cambridge, in succession to the late Dr. E. Atkinson. He was second wrangler in the mathematical tripos of 1876, and was elected a fellow of Clare in that year.

DISCUSSION AND CORRESPONDENCE

THE PRESENTATION OF THE FUNDAMENTAL CONCEPTIONS OF MECHANICS

THE recent discussion in SCIENCE of the fundamental equation in mechanics has sug-