

mobile, and the establishment of a review of agricultural mechanics.

THE exhibition of the Institute of Hygiene, recently opened in London, differs, according to the *Times*, from any exhibition previously held. It is under the auspices of a medical council and is controlled by medical experts. The intrinsic value of every exhibit is investigated by an examining board. Exhibits only of a high standard of merit are admitted. Every product, article, or appliance passed by the board is 'hall-marked' as to its purity, quality and excellence. Great care is exercised in maintaining the standard of exhibits—alike in the interest of the public health as of the exhibitors. It is recognized that any exhibit passed by the examining board may be used and recommended by medical practitioners. A certificate is granted to exhibitors by the institute, which constitutes a valuable award of merit. The exhibition is intended—(1) to supply medical men with practical information so as to enable them to keep abreast of the times in regard to the value and progress made in the various manufactured products and articles which affect health; (2) to supply matrons and nurses with useful knowledge in regard to those products and appliances required by invalids; (3) to supply the general public, and especially that large and increasing number who take an interest in dietetics, clothing, appliances and articles which are correlated with the health of the person or the home, with authoritative information as to their value and use. The exhibition is situated in Devonshire street, Harley street, in the west end of London and in the heart of the chief medical center of the country. Sample spaces only are allotted to exhibitors, so as to enable a large number and great variety of exhibits to be on view. The exhibition is a permanent one—open daily throughout the year, and is free to the public as well as to the medical profession.

THE *Experiment Station Record* states that the order establishing the soil and fertilizer laboratory in the Bureau of Chemistry, U. S. Department of Agriculture, has been abrogated, and in lieu of this laboratory one to be

known as the plant analysis laboratory has been established. The laboratory is charged with the examination of fertilizers and will collaborate in this work with the referees of the Association of Official Agricultural Chemists, and with the investigation of the constitution of plants. It is authorized to collaborate with the Bureau of Plant Industry in the chemical investigation of problems in which the two bureaus are mutually interested. A leather and paper laboratory and a micro-chemical laboratory have also been established in this bureau. The latter is charged with micro-chemical investigations relating to the investigations of the Bureau of Chemistry, and especially the examination of food products with respect to their composition and adulteration. To the leather and paper laboratory will be assigned analyses and investigations relating to tannins and tanning material, all technical problems of a chemical nature relating to the production of leather, chemical and physical examinations of papers with reference to their fitness for use in this and other departments, and problems relating to the production of paper with a view to promoting the agricultural industries connected with the production of the raw materials and to the improvement of the quality of papers made.

UNIVERSITY AND EDUCATIONAL NEWS.

It is said that Yale University will receive by the will of Mr. Levi Clinton Veits the sum of about \$200,000.

THE veterinary department of the University of Pennsylvania has received an anonymous gift of \$100,000.

COLUMBIA UNIVERSITY has received a gift of \$16,250 from Mr. H. E. Garth for the establishment of a scholarship, and \$10,000 from an anonymous donor for the purchase of books.

It is said that the University of Chicago has received \$250,000 for a building for the divinity school.

ACCORDING to the *Boston Transcript*, the Yale University Museum has received from the Royal Museum of Decorative and Industrial Arts at Brussels a large gift of antiquities collected in southern Spain. The collec-

tion represents the transition period between the ages of stone and of metal, and includes many stone and bronze implements, and also pottery. The museum has also received a collection of prehistoric implements collected in the valley of the Susquehanna, and presented by Christopher Wrenn, of Plymouth, Pa.

THE first portion of the \$600,000 left by Charles F. Doe to the University of California for a new library building will be available this year; the plans are now being drawn for the building, and ground will be broken in the spring. Like California Hall, the administration building, which is being built by a state appropriation of \$250,000, and like the Hearst memorial mining building, which Mrs. Hearst is erecting at a cost of half a million, the new library will be of California granite and fire-proof.

THE new surgical building of the Johns Hopkins Hospital was opened last week.

At the University of Oklahoma a new science hall, first opened for work at the beginning of the present semester, takes the place of the building recently destroyed by fire. The present structure, which is of gray pressed brick, was designed with ample window space in order to secure a maximum of light. It is fitted throughout with electricity, water and gas. The lower floor is occupied temporarily by the department of chemistry, the second floor by biology and the upper floor by geology. An auditorium, used by all departments, is supplied with a modern stereopticon. There are in all more than thirty rooms used as laboratories, offices, lecture and store rooms. Seven men give instruction in the building, and the enrolment in the various departments is much greater than during any previous year.

THE free lecture system of the New York Board of Education under Dr. Henry M. Leipziger will this year be extended so that there will be about 140 lecture centers.

ACCORDING to items in the daily papers, the entrance class at Harvard will number over 600, being its largest freshman class.

THE total attendance at Cornell University exceeds that of any previous year by 206 students. The regularly enrolled students this

year number in all 3,300, and the entering class numbers 916, against 815 last September.

DR. CHARLES W. DABNEY will be installed as president of University of Cincinnati on November 16.

THE trustees of Northwestern University have announced the election of Dean Thomas F. Holgate, professor of mathematics, to be acting president of the institution.

DR. HENRY MILTON WHELPLEY, professor of microscopy in the St. Louis College of Pharmacy, has been elected dean of that institution. He has been a teacher in the college since 1884.

DR. C. J. KEYSER has been promoted to a professorship of mathematics at Columbia University.

MESSRS. JOHN FRAZER, Thomas McCutcheon and Walter Taggart have been appointed instructors in chemistry at the University of Pennsylvania.

THE following appointments have been made in the science departments of the University of Maine for the coming year:

H. S. Boardman, C.E. (Maine, 1895), has been promoted from associate professor to professor of civil engineering.

C. P. Weston, C.E. (Maine, 1900), Ph.D. (Columbia, 1904), has been appointed assistant professor of mechanics.

H. R. Willard, B.A. (Dartmouth, 1899), and M.A. (Dartmouth, 1901), instructor in mathematics.

W. K. Ganong, B.S. (Worcester Polytechnic Institute), instructor in electrical engineering.

A. L. Grover, B.C.E. (Maine, 1899), instructor in drawing.

R. K. Morley, B.A. and M.A. (Tufts, 1904), tutor in mathematics.

L. C. Smith, B.S. (Maine, 1904), assistant in chemistry.

Edith M. Patch, B.S. (Minnesota, 1902), Entomologist to the State Experiment Station.

MISS MARY J. HURLBURT has been appointed instructor in physics at Smith College. Miss Harriet W. Bigelow resumes her work in astronomy, after three years' absence.

MR. GEORGE H. CARPENTER, of the Science and Art Museum, Dublin, has been appointed professor of zoology in the Royal College of Science for Ireland.