

investigations in these states will cover all those areas in which artesian waters are known to occur, as well as adjacent portions of Illinois and the Upper Peninsula of Michigan. Mr. A. R. Shultz will have charge of the work and will probably have one or more assistants. *Michigan*—The work in this state is conducted in cooperation with Dr. A. C. Lane, state geologist, the field work being in charge of Mr. W. F. Cooper, who will spend a considerable part of the summer in investigation of the underground waters of the state.

#### UNIVERSITY AND EDUCATIONAL NEWS.

At the meeting of the board of trustees of the Leland Stanford, Junior, University, held on June 1, Mrs. Leland Stanford resigned and surrendered all the powers and duties vested in her by the terms of the grant founding the university, under which she had complete control. That control is now vested in the board. Mrs. Stanford will be elected a trustee, and will be elected president.

THE total appropriation made to The Pennsylvania State College by the legislature of 1903 and recently approved by the governor was \$250,805.55. Of this amount \$100,000 is for the purpose of assisting in the erection, equipment and furnishing of a building for the Department of Agriculture, while \$150,000 additional are virtually pledged by the attachment of a proviso requiring the trustees of the college to file with the auditor general plans, specifications and estimates satisfactory to him showing that the entire cost of the building and equipment will not exceed \$250,000.

THE plans of Messrs. Cram, Goodhue and Ferguson, of Boston, have been accepted for the new buildings of the West Point Military Academy, which are to number twenty-one.

LORD IVEAGH has given £40,000 to Trinity College, Dublin, for building and equipping scientific laboratories.

ACCORDING to the London *Times*, after a great deal of consideration and many consultations with the colleges at Manchester and Liverpool, the council of the Yorkshire College have at last agreed upon the principles

upon which the charter for the proposed new Yorkshire University should be based. These are that the Yorkshire College be merged in the university; that the university be founded on a non-federal basis, but that it be empowered to affiliate other institutions; and that the university be governed by a court of governors and by an executive council. Substantial agreement has been arrived at between the three colleges on some important matters, such as that of a common matriculation examination for all the three universities of Yorkshire, Manchester and Liverpool, and provision has been made for a joint board to be constituted from the three universities to deal with such questions. With regard to affiliated institutions, it is provided that attendance at courses of study in such institutions may be accepted by the university in place of such part of the attendance or courses of study at the university as may from time to time be determined. It is considered that the additions to the staff and equipment of the college essential to the proper carrying on of an independent university will require a minimum additional expenditure of about £7,000 a year, while extensive additions will also be required to the college buildings for the proper housing of some of the departments. The coal-owners of Yorkshire have decided to erect a separate building for the mining department, and have collected a sum of £5,500 for the purpose. The council of the college are desirous also of completing the main block of the college, and it is estimated that this would cost about £60,000. Though a canvass for the necessary funds has not yet been instituted, three friends of the college have each promised £5,000, while a fourth has promised £2,000. The Clothworkers' Company of London, who have already proved munificent benefactors of Yorkshire and the Yorkshire College, have added to their previous generosity by offering to transfer to the new university as its absolute property the whole of the buildings and equipment of the textile industries dyeing and art departments, which are at present held in trust by the college for the Clothworkers' Company, and which have cost that company about £70,-

000. Attached to the offer is a condition that these departments shall be recognized as integral parts of the university. The company has also promised to grant in perpetuity to the university for the maintenance of these departments an annual sum of not less than £4,000. This means a gift to the university of a capitalized sum of upwards of £200,000.

ACCORDING to the *Hochschulnachrichten* the attendance at the universities of the German empire last winter was 40,661, of whom 36,652 were matriculated. The number of matriculated students in the Austrian universities was 16,125. The number of students in the German technical schools was 13,049 and in the Austrian schools 6,451. These figures, however, do not include the attendance at the schools of agriculture, forestry, veterinary surgery, mining and commerce. The number of foreigners in attendance at Vienna was 1,386 and at Berlin 1,085. There were last year 1,253 foreigners in attendance at Paris.

THE council of Trinity College, Dublin, has recommended that the senate approve the admission of women to that institution and the abolition of the compulsory study of Greek.

JOINT ceremonies of the inauguration of Dr. John Huston Finley as president of the College of the City of New York and the laying of the cornerstone of the new buildings being erected on the site bounded by One Hundred and Thirty-eighth and One Hundred and Fortieth Streets and St. Nicholas Terrace and Convent and Amsterdam Avenues are being arranged by the board of trustees. The installation ceremonies will take place at 10:30 A. M. on October 1. President Roosevelt and ex-President Cleveland will make addresses. The cornerstone of the new buildings will be laid at 3:30 in the afternoon, and addresses will be made by Mayor Low and others.

REV. H. W. McKNIGHT has resigned the presidency of Pennsylvania College, at Gettysburg.

PROFESSOR WILLIAM R. WARE, from 1860 to 1881 professor of architecture in the Massachusetts Institute of Technology and since

then professor at Columbia University, has retired from active service and will become professor emeritus.

APPOINTMENTS at Cornell University have been made as follows: J. I. Hutchinson and Virgil Snyder, assistant professors of mathematics; J. S. Shearer and Ernest Blaker, assistant professors of physics; W. N. Barnard, assistant professor of machine design; C. S. Hirschfield, instructor in experimental engineering; R. Stevenson and I. Baum, assistants in chemistry; L. O. Vesper and R. C. Fenner, assistants in physics.

MR. J. C. PEARSON, A.B. (Bowdoin, 1900), now graduate student at Harvard University, has been appointed instructor in physics and mathematics in Bowdoin College.

MISS IDA EVANS, who was graduated from the Woman's College of Baltimore in 1902, has been appointed instructor in biology in Rockwood College. Miss Bertha May Clark, instructor in physics at the Woman's College, Baltimore, has been awarded the graduated fellowship offered annually to an alumna. Miss Clark will study spectrum analysis and advanced mathematics at the University of Göttingen.

AMONG the twenty-two fellowships awarded at the Johns Hopkins University, the following are in the sciences: Samuel J. Allan, of Montreal, Canada, physics; James Barnes, of Halifax, Nova Scotia, physics; Walter Buckingham Carver, of Stewartstown, Pa., mathematics; August Ernest Guenther, of Sandusky, O., physiology; Elliot Snell Hall, of Jamestown, N. Y., chemistry; Arthur Isaac Kendall, of Somerville, Mass., pathology; Charles Kephart Swartz, of Baltimore, geology; David Hilt Tennent, of Janesville, Wis., zoology; Rheinart Parker Cowles, the Adam T. Bruce fellow in biology.

NINE fellowships have been awarded at Bryn Mawr College, including Carrie Alice Mann, of South Weymouth, Mass., mathematics; Lillian Cohen, of Minneapolis, Minn., chemistry; Ellen Terelle, of Minneapolis, Minn., biology.