

owners of the country will appreciate the importance of the Survey's effort and will co-operate so heartily as to assure its complete success. It should appeal to them for several reasons: (1) Their names and work will be kept before a class of readers interested in well drilling. (2) Records of their work will be carefully filed in the office of the survey, and will be readily available to them at any time, so that in case their notes are lost they can be duplicated. (3) Their cooperation will aid materially in the study of the geologic structure of the United States, and will thus assist in obtaining knowledge which can not fail to be of ultimate benefit to well drillers. It may sometimes be necessary to regard the records as confidential. In such cases the information will be carefully guarded and used only under the conditions stipulated by the informant. The director of the survey will be glad to have an expression of opinion regarding this work from well owners and drillers, and will be grateful to them for any suggestions.

UNIVERSITY AND EDUCATIONAL NEWS.

THE courts have confirmed the bequest of \$40,000 made by the late Dr. William H. Crim to the University of Maryland School of Medicine.

THE Cooper Medical College, of San Francisco, has received a bequest from Mrs. Pauline C. Lane, wife of the late Dr. C. L. Lane, which enables it to build a library.

It is stated in *Nature* that Mr. Frederick Soddy has concluded a series of university extension lectures in Western Australia. The last lecture was delivered on July 23, and on this occasion the premier of the colony, Mr. Walter James, in proposing a vote of thanks to Mr. Soddy, referred to the desirability of establishing a university in Western Australia. During the course of the last twelve months one distinct step has been taken in advancing the movement by the passage of the University Endowment Act. Endowment trustees have been appointed, and in these trustees some 700 or 800 acres of land have been vested, which promise to give the future university

the richest endowment enjoyed by any university in Australia. They were very apt to think, Mr. James continued, that no university could be established unless they first expended a large sum of money in an elaborate building. He wished only they could convince the residents of Western Australia that so long as they had efficient workshops for their professors, the sooner they commenced to get their professors the sooner could they begin the work of the university, without money overburdening it in the first instance. Mr. Soddy's visit has done good in bringing home more thoroughly than before how necessary it is that the establishment of this university should be commenced without undue delay.

THE position of assistant in bacteriology in the Laboratory of Hygiene, University of Pennsylvania, and the Thomas A. Scott fellowship in hygiene in the same laboratory are vacant for the year 1904-1905. Further information may be obtained from the director of the laboratory.

MR. WILL GRANT CHAMBERS has been called from the chair of psychology and education in State Normal School at Moorhead, Minn., to the chair of psychology in the State Normal School of Colorado, at Greeley.

DR. H. T. MARSHALL has been appointed professor of pathology at Baltimore Medical College.

L. C. KARPINSKI, A.B. (Cornell, '01), Ph.D. (Strassburg, '03), and John W. Bradshaw, A.M. (Harvard), Ph.D. (Strassburg, '04), have been appointed instructors in mathematics in the University of Michigan.

PROFESSOR LORRAIN SMITH, of Belfast, and Dr. A. S. Grünbaum, of Liverpool, have been appointed to chairs of pathology, respectively, at the Universities of Manchester and Leeds.

DR. H. BATTERMANN, astronomer at the Berlin Observatory, has been appointed professor of astronomy at the University of Königsberg.

PROFESSOR O. E. MEYER, director of the physical laboratory of the University of Breslau, will retire from active service.