

search), was recently issued. The London *Times* states that the institute at the outbreak of war emphasized to the War Office the paramount need of tetanus antitoxin, and on its own initiative took steps immediately to enlarge the capacities of its therapeutic farm at Elstree, where horses were kept for the purpose of producing the antitoxin. In consequence the needs of the soldiers were met and thousands of lives saved. The institute also carried out researches on the antitoxin, and on various other sera and antitoxins. The Trench Fever Committee, of which Sir David Bruce is chairman, owed very much to the help of the institute and, indeed, could not have carried its researches to their brilliant conclusion without that help. Investigations arising out of the outbreak of food poisoning in the Army in France were also carried on, and various other work in connection with food undertaken, more especially that dealing with what are called "accessory food factors." Scurvy, for example, which was one of the great problems among troops in Mesopotamia, arose from the absence of one of these factors in the ration. The researches of the institute enabled the fact to be established, and suggested the remedy. Causes and remedies similar in kind, though differing in particulars, have been investigated for infantile scurvy. Other researches are now proceeding in respect of the indispensable food factors in milk, butter, margarine and so on.

UNIVERSITY AND EDUCATIONAL NEWS

By the will of Charles N. Clark, former treasurer and trustee of Smith College, practically his entire estate, estimated at \$500,000, is bequeathed to Smith and Mount Holyoke colleges.

At the University of Michigan salaries have recently been increased 30 per cent. for instructors and assistant professors and 25 per cent. for associate professors and full professors. The new scale of salaries is from \$1,300 to \$2,100 for instructors, \$2,200 to \$2,600 for assistant professors, from \$2,700 to \$3,100 for associate professors and from \$3,200

to \$6,000 for full professors. The same scale applies to all colleges.

A COMPETITIVE examination to fill four vacancies in the grade of instructor in mathematics will be held at the Naval Academy, Annapolis, Maryland, on August 27. The base pay is \$2,000. Particulars as to the qualifications can be obtained from the head of the department.

DR. H. A. MORGAN, dean of the Tennessee State College of Agriculture, has been elected president of the University of Tennessee.

DR. JOHN C. HESSLER, professor of chemistry, has been appointed acting president of the James Millikan University at Decatur, Illinois.

DR. ROLLIN D. SALISBURY, professor of geographic geology and head of the department of geography at the University of Chicago, has been appointed head of the department of geology and paleontology to succeed Professor Thomas C. Chamberlin, who has retired from active service. Professor Harlan H. Barrows has been given the chairmanship of the department of geography made vacant by the transfer of Professor Salisbury. The latter still remains dean of the Ogden Graduate School of Science. Dr. Edson Sunderland Bastin, of the United States Geological Survey, has been appointed to a professorship of economic geology, from January 1, 1920. Dr. Bastin received his doctor's degree from the University of Chicago in 1909. Other new appointments are those of Russell Stafford Knappen to an instructorship in geology, and of Derwent Stainthorpe Whittlesey to an instructorship in geography.

DR. RICHARD WRENSHALL, a graduate of Yale University, has joined the faculty of the College of Hawaii, as professor of chemistry.

THE following appointments have been made at the University of Birmingham: John Robertson as professor of hygiene and public health; John Shaw Dunn as professor of pathology; Leonard Gamgee as professor of surgery; B. T. Rose, demonstrator of anatomy, and Miss Hilda Walker, lecturer in physiology.