

Inspector of ammunition packing boxes \$3.52 a day to \$1,800 a year.

Inspector and assistant inspector of powder and explosives, \$1,400 to \$2,400 a year.

Inspector of ordnance equipment, \$1,500 to \$2,400 a year.

Assistant inspector of cloth equipment, \$80 to \$125 a month.

Assistant inspector of leather, \$100 to \$125 a month.

Assistant inspector of small hardware, \$80 to \$125 a month.

Assistant inspector of textiles, \$80 to \$125 a month.

Assistant inspector of leather equipment, \$100 to \$125 a month.

Clerk qualified in business administration, \$1,200 to \$1,500 a year.

Index and catalogue clerk, \$1,000 to \$1,200 a year.

The examination for index and catalogue clerk is open to both men and women; the other examinations are open only to men.

The president of the commission writes that the government urgently needs men for the work above indicated, and qualified persons are urged, as a patriotic duty, to apply for examination. Until further notice applications for the positions named will be received at any time by the United States Civil Service Commission, Washington, D. C. Papers will be rated promptly. Applicants will not be required to appear at any place for examination, but will be rated principally upon the elements of education, training and experience, as shown by their applications and by corroborative evidence.

Full information concerning examinations, application blanks, etc., may be obtained by calling in person upon the secretary of the local board of civil service examiners at the post office in any city in which city delivery of mail has been established, or by communicating with the United States Civil Service Commission, Washington, D. C.

#### SCIENTIFIC NOTES AND NEWS

SIR CLIFFORD ALLBUTT has been continued in the office of president of the British Medical Association for the coming year. It is

hoped that a meeting will be held at Cambridge next year.

PROFESSORS GOLGI, NOVARO AND ROSTER, having reached the age of seventy-five years, automatically retired from their chairs in Italian universities. Professors Golgi and Novaro are both senators of the realm. The former is professor of general pathology at Pavia, and Novaro of surgery at Genoa. Roster is professor of hygiene at Florence.

THE Secretary of War announces the appointment of the following to investigate the matter of defective ammunition sent to the American expeditionary force in France: Dr. H. P. Talbot, professor of chemistry at the Massachusetts Institute of Technology; Dr. C. L. Parsons, chief chemist of the Bureau of Mines; an army officer to be named by Major General Hugh L. Scott, Chief of Staff.

THE United States Food Administration announces that Professor H. A. Morgan, of Knoxville, Tenn., has been appointed federal food administrator for Tennessee.

DR. ARTHUR M. SHIPLEY, of Baltimore, professor of surgery at the University of Maryland, who had received his commission as chief of the surgical staff of the University of Maryland Base Hospital Unit, has been detached from the unit by order of the War Department, and ordered to report immediately to Camp Meade as chief surgeon and surgical instructor at the camp.

E. N. WENTWORTH, professor of animal breeding at the Kansas State Agricultural College, has received a commission of captain in field artillery. For the present he will be stationed at Fort Riley.

ROBERT A. PATTERSON, Ph.D., instructor in physics in Yale College, has been commissioned captain in the field artillery section of the Reserve Officers' Corps, and assigned to the camp at Ayer, Mass.

DR. LEON I. SHAW, of the department of chemistry of Northwestern University, has been advanced to the position of assistant professor of chemistry on leave of absence for one year for service with the government. He

has received the appointment of first lieutenant in the Ordnance Officers' Reserve Corps.

D. W. BLAKESLEE, electrical engineer and assistant superintendent, Penn Electrical and Manufacturing Co., Irwin, Pa., has been ordered to report at Washington for active duty as first lieutenant in the Engineer Section, Officers' Reserve Corps, United States Army.

DR. EDWARD G. BIRGE, director of the State Bacteriological Laboratory, Jacksonville, Florida, has been given an indefinite leave of absence by the Florida State Board of Health. Dr. Birge has received a commission as captain with the Medical Reserve Corps of the United States army.

THE *Journal* of the American Medical Association states that Dr. Charles Wardell Stiles, U. S. Public Health Service, has discovered forty-seven cases of hookworm in seventy-five recruits mobilized for war service, and these findings have caused the United States Public Health Service to recommend the prompt examination for hookworm of all units of the national guard and national army, especially those from the south.

SURGEON FRENCH SIMPSON, U. S. Public Health Service, has been ordered to Columbia, S. C., to take charge of the campaign against malaria.

DR. B. FRANK KNAUSE, of Brooklyn, N. Y., has been appointed deputy commissioner and sanitary superintendent at a salary of \$6,000 a year. The appointment is also announced of Dr. Herman Tapley Peck, also of Brooklyn, as assistant sanitary superintendent at \$5,500 a year.

E. W. JAHNKE has been appointed superintendent of the state grain and seed laboratory at Bozeman in connection with the State College of Montana, to succeed B. Whitlock, who resigned to accept a position with the federal department of agriculture in the administration of the grain standardization act. Mr. Whitlock will have his headquarters at Salt Lake, and will superintend the administration of the law over a large part of the northwest. Mr. Jahnke who becomes superintendent at

Bozeman has been an assistant to Mr. Whitlock for the past two years.

MR. ARTHUR T. BOLTON has been appointed curator of Sir John Soane's Museum, Lincoln's Inn Fields, in succession to the late Mr. W. L. Spiers.

A REUTER despatch to the daily papers states that Professor Kenzo Futaki claims to have discovered, after three years' original research work in the Japanese Imperial Government Laboratory, the specific cause of typhus fever. He calls this new germ the *Spirochæte exanthematotyphis*.

DR. COLIN G. FINK, for the past ten years in the Research Laboratories of the General Electric Company, has been appointed head of the new Chile Exploration Company laboratories, located at 202d Street and 10th Ave., New York City. The work in the new laboratories will be largely research along metallurgical and electrochemical lines.

DR. L. F. NICKELL, formerly assistant professor of chemistry at Washington University, has resigned to become chemist in the research department of the Monsanto Chemical Works in St. Louis.

DR. CHARLES K. FRANCIS, for the past seven years chemist and professor of petroleum technology in the Oklahoma Agricultural and Mechanical College, has resigned to become chief chemist for the Cosden Oil Company, Tulsa, Okla.

PROFESSOR FRANCIS RAMALEY, who has been making vegetation studies in California since February, has returned to his work at the University of Colorado.

PROFESSOR C. E. CLEWELL, of the University of Pennsylvania, delivered on September 10 his fourth annual lecture on the fundamental principles of natural and artificial factory lighting before the junior students in electrical and mechanical engineering in the summer term of mechanical technology at the Sheffield Scientific School of Yale University.

THE death is announced of Major-General T. Rosati, surgeon-general of the Italian navy, at the age of fifty-seven years. He was

formerly professor of ear and throat diseases at the University of Naples.

DR. ELIOT R. CLARK, professor of anatomy in the University of Missouri, recently delivered an address on "Some aspects of the problem of endothelium," and Dr. Frederick G. Novy, professor of bacteriology in the University of Michigan, an address on "Anaphylaxis" before the faculty and students of the graduate summer quarter in medicine of the University of Illinois.

THE Cavendish lecture of the West London Medico-Chirurgical Society was delivered by Captain Andrew Macphail, Canadian Army Medical Corps, who is professor of the history of medicine at McGill University, Montreal, who took as his subject "A Day's Work."

A NEW pedestal for the bust of John Muir, naturalist and explorer, is now being made at the University of Wisconsin to be placed in the Building for Biology, where the bust of Muir now stands. The pedestal will bear this inscription:

JOHN MUIR, 1838-1913  
AUTHOR, EXPLORER, NATURALIST  
A PRIEST AT NATURE'S SHRINE.

CHARLES HOWARD PARMLY, professor of physics of the College of the City of New York, died at Ashland, N. H., from cerebral hemorrhage on September 8, aged forty-nine years.

DR. G. STANCULEANU, professor of ophthalmology at the University of Bucharest until the German invasion, who has been lecturing in this country in the interest of the Roumanian government, died recently of pneumonia at a sanatorium at Stamford, Conn.

THE death is announced of Dr. Charles Mongour, professor of internal pathology and medical jurisprudence at the Bordeaux Medical School.

IT is stated in *Nature* that the mycological collection of the late Dr. J. W. Ellis has been acquired by purchase by the herbarium at Kew. It comprises nearly 1,600 dried specimens, is especially rich in micro-fungi, and includes a series of mounted specimens of

those of economic importance. There are also 330 microscopic slides.

#### UNIVERSITY AND EDUCATIONAL NEWS

As a war measure a limited number of women may be admitted this year to the courses of the Harvard Medical School. They will not receive or be eligible to receive the university degree. Formal action has not been taken by the corporation, but tentative arrangements are being made and will probably become effective by the time college opens for the new session.

THE department of forestry of the University of Idaho has recently been segregated from the College of Arts and Science as an independent school. Professor F. G. Miller, formerly head of the department of forestry at Washington State College, has been elected dean of the school, and professor of forestry.

DR. HENRY KRAEMER, for twenty years professor of botany and pharmacognosy at the Philadelphia College of Pharmacy, will succeed the late Dr. Julius O. Schlotterbeck as professor of pharmacognosy of the college of pharmacy of the University of Michigan.

ALMON H. FULLER, dean of the school of engineering at the University of Washington, Seattle, has accepted the appointment to the head of the department of civil engineering at Lafayette College to succeed Professor J. Madison Porter. Donald B. Prentice, of the Sheffield Scientific School, Yale University, has been appointed assistant professor of mechanical engineering. He will take charge of the work in boilers and heat engineering hitherto cared for by Professor Fitch.

DR. H. B. SHAW, former dean of the School of Engineering of the University of Missouri, has been appointed supervisor of the Doherty cadet school. Dr. Shaw's duties will include the selection of men from the universities of the country to become Doherty cadets, to supervise the courses and to recommend cadets for regular posts in the organization. He will make his headquarters, it is expected, in Toledo, Ohio.