

these men will be examiners of the Civil Service Commission.

The examination will consist solely of the consideration of qualifications by this special board. The minimum qualifications for consideration are a Ph.D. degree from a college or university of recognized standing or an M.D. degree from a medical college of recognized standing; and, in addition, at least six years of experience involving the direction or performance of important research work along pharmaceutical or pharmacological lines; familiarity with medical, chemical and pharmaceutical activities and the literature bearing upon such subjects; contact work with scientific and professional organizations and associations concerned with this character of work.

The duties of the position are to be in responsible charge and to direct the work of the following bureau activities:

(1) The Office of Medical Review, consisting of medical experts whose duty it is to consider therapeutic claims made on medicinal preparations to determine whether these claims are justified by the composition of the article and are in compliance with the provisions of the Food and Drug Act.

(2) Analytical Control Laboratory, which acts as a standardization unit for all analytical drug work of the field laboratories.

(3) Research Unit, which studies the composition of active constituents of drug products and devises new analytical methods in collaboration with the state, academic and trade laboratories.

(4) The Pharmacognosy Laboratory, engaged in the identification and classification of crude drugs and in studies of their potency.

(5) A general supervisory relationship between the incumbent and the bio-assay and other pharmacological work on drugs carried on by the pharmacological laboratory.

The entrance salary for this position is \$5,200 a year. Promotion may be made without change in assignment up to \$6,000 a year.

Qualified persons who wish to be considered for this vacancy should apply to the United States Civil Service Commission, Washington, D. C., for Form 2118 which must be executed and returned, with a list of the applicant's technical publications and reprints of such of these publications as are available, to the office of the Civil Service Commission at Washington not later than November 9, 1926.

THE FIFTIETH ANNIVERSARY OF THE JOHNS HOPKINS UNIVERSITY

THE JOHNS HOPKINS UNIVERSITY will celebrate its fiftieth anniversary with a two-day program of scientific and scholarly exercises on October 22 and 23, which it is expected will be attended by more than

2,000 alumni from all parts of the world and a number of distinguished visitors from foreign universities.

The main events of the celebration will be: Scientific addresses by representatives of English, French and German universities; exercises commemorating the founding of the university in 1876; dedication of the new \$1,000,000 building of the School of Hygiene and Public Health, and conferences in sixteen branches of science and scholarship.

Dr. Andrew Balfour, director of the London School of Hygiene and Tropical Medicine, is making a special trip from England to make the main address at the dedication of the school on October 22. He will speak on "Hygiene as a World Force," emphasizing the important part being played by preventive medicine in the progress of modern civilization.

L. Levy-Bruhl, professor of the history of modern philosophy at the Sorbonne, Paris, will be the principal speaker at the exercises on October 22, commemorating the foundation of the philosophical faculty. "Research as it is To-day" will be his topic.

Germany will be represented at the celebration by Professor F. Neufeld, director of the Berlin Institute for Infectious Diseases. He will deliver two addresses under the DeLamar Lectureship Foundation, and will deal with problems in immunity and the control of infectious diseases.

The sixteen departmental conferences in the main branches of learning will be conducted along lines similar to those of the meetings of national scientific societies. Among the alumni who will speak at these conferences on scientific subjects are:

Henry Van P. Wilson, professor of biology, University of North Carolina.

Ross G. Harrison, professor of anatomy, Yale University.

W. C. Coker, professor of botany, University of North Carolina.

Joseph Jastrow, professor of psychology, University of Wisconsin.

Edward C. Franklin, professor of organic chemistry, Stanford University.

William H. Burnham, professor of pedagogy, Clark University.

William S. Bayley, professor of geology, University of Illinois.

Florence Bascom, professor of geology, Bryn Mawr (first woman to be granted the degree of Ph.D. at Johns Hopkins).

George Otis Smith, director of the U. S. Geological Survey.

Benjamin Leroy Miller, professor of geology, Lehigh University.

D. W. Ohern, formerly professor of geology in the University of Oklahoma.

Marcus I. Goldman, of the U. S. Geological Survey.

Luther P. Eisenhart, professor of mathematics, Princeton University.

Arthur B. Coble, professor of mathematics, University of Illinois.

Henry B. Brooks, chief of the electrical instrument and meter section of the U. S. Bureau of Standards.

THE INTERNATIONAL TUBERCULOSIS CONGRESS

FOR the first time since 1908 the International Union Against Tuberculosis has convened in America. The sessions took place in Washington from September 29 to October 2, with Dr. Theobald Smith, director of the department of animal pathology of the Rockefeller Institute for Medical Research of Princeton, as president.

Fifty-eight foreign medical men, from twenty-two countries, were in attendance, and more than 500 physicians and public health workers from the United States gathered to attend the sessions. The program was followed by the twenty-second annual meeting of the National Tuberculosis Association, October 4 to 7.

Among the members from foreign countries in attendance were:

Austria—Professor Dr. Ernst Loewenstein, Vienna.

Canada—Dr. Jabez H. Elliott, Toronto; Professor Arthur Rousseau, Quebec; Professor James Miller, Kingston.

Czechoslovakia—Dr. Vladimir Novak, Brno.

England—Dr. F. J. H. Coutts, London; Sir Henry Gauvain, Alton; Miss Olga Nethersole, London; Dr. Nathan Raw, Richmond, Surrey; Dr. P. C. Varrier-Jones, Cambridge.

Scotland—Dr. Fergus Hewat, Edinburgh.

Wales—Colonel S. Lyle Cummins, Cardiff.

France—Dr. Leon Bernard, Paris; Mlle. Helene Mugnier, Lyons; Dr. B. Weill-Halle, Paris; Dr. Edouard Rist, Paris; Dr. F. Humbert.

Germany—Professor Friedrich von Müller, Munich; Dr. Friedrich Neufeld, Berlin; Frau Professor Lydia Rabinowitsch-Wempner, Berlin; Dr. Ferdinand Sauerbruch, Munich; Professor Dr. Hugo Selter, Bonn.

Holland—Dr. P. J. L. DeBloeme, Amsterdam.

Italy—Professor Vittorio Ascoli, Rome; Dr. G. B. Roatta, Florence; Professor Gaetano Ronzoni, Milan.

Japan—Dr. Rokuro Takano, Tokio.

Norway—Professor Francis Harbitz, Oslo.

Portugal—Professor Thiago d' Almeida, Porto.

Sweden—Professor Hans Christian Jacobaeus, Stockholm.

Switzerland—Dr. Frederick Jessen, Davos Platz; Dr. Jaquered Leysin; Dr. Ernest Zueblin, Zurich.

Venezuela—Dr. Carlos J. Bello, Caracas.

There are four counselors of the International Union from the United States: Dr. James Alexander Miller,

president of the New York Tuberculosis and Health Association, New York City; Dr. Theobald Smith, president of the International Union Against Tuberculosis and the National Tuberculosis Association; Dr. Gerald B. Webb, Colorado Springs, Colo., and Mr. Linsly R. Williams, managing director of the National Tuberculosis Association.

SCIENTIFIC NOTES AND NEWS

IN 1927 the American Philosophical Society will celebrate the two hundredth anniversary of its founding. It has been decided to combine this celebration with the annual general meeting of the society, the dates fixed being April 27, 28, 29 and 30, 1927. The following resolution has been passed by the society: "That preparations be made to invest the annual meeting of the society in 1927 with a dignity and public importance worthy of so notable an anniversary in the world's history of learning."

THE American Association for the Advancement of Science has been invited to take charge of one of the meetings held in connection with the Sesquicentennial International Exposition. The meeting will be held in the Educational Building at three o'clock on the afternoon of October 16, the general subject being "The Contributions of Science and its Applications to the Welfare of the Nation since the Signing of the Declaration of Independence." Dr. John M. Coulter, professor emeritus of botany in the University of Chicago, past president of the American Association, will preside and open the discussion. Addresses will be made by Dr. C. E. McClung, professor of zoology and director of the laboratories at the University of Pennsylvania; Dr. J. McKeen Cattell, editor of *SCIENCE*, formerly professor of psychology at the University of Pennsylvania and Columbia University; Dr. W. A. Noyes, recently professor of chemistry and director of the laboratories at the University of Illinois, and Professor Dexter S. Kimball, professor of industrial engineering and dean of the College of Engineering of Cornell University.

THE Sweet Memorial Professorship Fund established at Cornell University in memory of Professor John Edson Sweet, the distinguished mechanical engineer who died in 1916, has now received subscriptions amounting to \$119,000.

THE Terry lectures for 1926-27, by Professor Robert A. Millikan, of the California Institute of Technology, were given at Yale University on October 13, 14 and 15. They will be repeated in Bridgeport at the United Congregational Church on October 17, 18 and 19.