

Petroleum
Metals
Animal products

Only certain aspects of these subjects can be covered. In addition, certain miscellaneous subjects have been suggested for conferences:

Chemotherapy
Disposal of municipal wastes
Rubber
Science and national defense
Chemistry life processes
Synthetic "raw" materials
Antioxidants
Cellulose

Suggestions are needed regarding the special phases of these topics which can best be treated and regarding the best men to lead the discussions. Conferences will not be limited to the subjects listed above.

SCIENTIFIC NOTES AND NEWS

DR. HUGH S. TAYLOR, David D. Jones professor of research chemistry at Princeton University, has been awarded the Nichols medal by the New York section of the American Chemical Society. Presentation of the medal will be made at a meeting of the section on March 9, when Dr. Taylor will speak on "Catalysis as an Inspiration of Fundamental Research."

DR. LOUIS B. WILSON, director of the Mayo Foundation, has been elected an honorary member of the Royal Society of Medicine at Rome.

DR. JOSEPH EASTMAN SHEEHAN, of New York, was decorated with the Order of Alphonso XII by the personal physician of the king of Spain, January 3, in recognition of his work in plastic surgery.

At the Christmas meeting of the American Psychological Association in Columbus, Ohio, a dinner was given by twenty-five psychologists for Professor Margaret F. Washburn, of Vassar College. Professors Bentley, of Illinois; Langfeld, of Princeton; Yerkes, of Yale; Pillsbury, of Michigan, and Mull, of Sweetbriar, spoke and Professor Warren, of Princeton, presented to Miss Washburn a volume of studies in her honor. The dedication of the volume reads as follows: "To Margaret Floy Washburn, teacher, editor, author, scientist, twenty-five years professor of psychology at Vassar College, the editor of *The American Journal of Psychology*, on completing thirty-three years of distinguished service to psychology, this volume is dedicated by her colleagues."

THE following officers for 1928 have been elected by the Washington Academy of Sciences: *President*,

Robert B. Sosman, Geophysical Laboratory; *Non-Resident Vice-presidents*, B. W. Evermann, Museum of the Academy of Sciences, San Francisco, Calif., J. G. Lipman, Agricultural Experiment Station, New Brunswick, N. J.; *Corresponding Secretary*, L. B. Tuckerman, Bureau of Standards; *Recording Secretary*, W. D. Lambert, Coast and Geodetic Survey; *Treasurer*, R. L. Faris, Coast and Geodetic Survey.

At the annual meeting of the Mineralogical Society of America held at the Case School of Applied Science from December 29 to 31, the following officers were elected: *President*, Esper S. Larsen, Harvard University; *Vice-president*, Lazard Cahn, Colorado Springs, Colorado; *Secretary*, Frank R. Van Horn, Case School of Applied Science; *Treasurer*, Alexander H. Phillips, Princeton University; *Editor*, Walter F. Hunt, University of Michigan; *Councillor 1928-1931*, Ellis Thomson, University of Toronto.

DR. DOUGLAS W. JOHNSON, professor of physiography at Columbia University, has been elected president of the Association of American Geographers.

DR. CARL L. McDONALD has been elected president of the Academy of Medicine of Cleveland for the ensuing year.

DR. EMERY R. HAYHURST, professor of hygiene in the Ohio State University College of Medicine, Columbus, has been made chairman of the national committee of the United States for the Fifth International Medical Congress for Industrial Accidents and Occupational Diseases to be held in Budapest in September, 1928.

ON December 31, when the resignation of Dr. C. W. Larson as chief of the Bureau of Dairy Industry became effective, Secretary Jardine designated Dr. L. A. Rogers, senior bacteriologist of the bureau, as acting chief of the bureau, effective January 1, to serve until further notice. Dr. Rogers is in charge of the dairy research laboratories of the bureau.

S. B. HASKELL, director of the Massachusetts Experiment Station, resigned on December 15 to take a position with the agricultural department of a synthetic nitrogen products corporation.

CHARLES MERVYN SLAGG, chief of the tobacco division for the Department of Agriculture, Dominion of Canada, with headquarters at Ottawa, has resigned his commission to become director of tobacco investigations for the commonwealth of Australia. After visiting tobacco investigation stations in Massachusetts, Connecticut, Virginia and Wisconsin, he will sail from the Pacific coast to Melbourne, where his headquarters will be stationed.

DR. WILLIAM CROCKER, director of the Boyce

Thompson Institute for Plant Research at Yonkers, New York, will take up his four months' residence in Washington, D. C., beginning February 1, to complete his service as chairman of the division of agriculture and biology of the National Research Council. Dr. Crocker will be available for consultation at the institute on the 1st and 15th of each month during this absence.

DR. JOHN K. SMALL, head curator of the museums and herbarium of the New York Botanical Garden, has been granted leave of absence for a period of several weeks so that he may cooperate with Thomas A. Edison in his rubber investigations. Dr. Small left for southern Florida on January 17.

DR. HOWARD A. KELLY, professor emeritus at the Johns Hopkins University, Baltimore, delivered the Hunterian oration before the Hunterian Society in London on January 16. This is the second successive time the honor has fallen to an American physician, the last Hunterian address having been delivered by Dr. John M. T. Finney, of Baltimore.

DR. C. W. KANOLT, research physicist of the U. S. Bureau of Mines, gave an address on January 17 before the University of Pittsburgh chapter of the Sigma Xi on "The Production of Extremely Low Temperatures."

ON January 7, Dr. H. F. Moore, research professor of engineering materials, University of Illinois, delivered an address to the Royal Canadian Institute, on the subject "Fatigue of Metals."

JOHN B. TAYLOR, consulting engineer of the General Electric Co., will address the Franklin Institute on February 2, on "Making Sound Visible and Light Audible."

THE seventh series of Beaumont lectures which are under the auspices of the Wayne County Medical Society, Detroit, was given by Dr. George Draper, assistant professor of clinical medicine, Columbia University College of Physicians and Surgeons, on January 23 and 24, on (1) "Human Constitution; What It means and How to study It"; (2) "The Patient and His Physician," and (3) "The Sex Factor in Total Personality."

E. C. ANDREWS, state geologist of New South Wales, gave a public lecture on January 6 at the University of Cincinnati on "Broken Hill, a Romance of Australian Mining." The lecture was under the auspices of the Bag and Hammer Student Geological Society. Dr. Andrews also addressed the faculty and students of the department of geology on "Problems of Australian Geology."

DR. CORNEILLE HEYMANS, professor of pharma-

cology of the faculty of medicine of the University of Ghent, spoke on "Contributions to the Physiology and Pharmacology of the Cardio-Inhibitory and Respiratory Centers," at Stanford University on December 7.

MAJOR-GENERAL GEORGE WASHINGTON GOETHALS, the distinguished engineer, died on January 21, aged seventy years.

DR. JAMES CAMPBELL TODD, professor of pathology at the University of Colorado school of medicine since 1911, died on January 6, aged fifty-four years.

DR. JULIUS GRINKER, professor of nervous and mental diseases at the medical school of Northwestern University, died on January 11, aged sixty years.

JOSEPH FRANCIS O'BYRNE, professor of descriptive geometry at the Colorado School of Mines, died on December 22.

DR. WILLARD PARKER WARD, of Savannah, Georgia, known for his work on the metallurgy of manganese, died on January 17, aged eighty-two years.

The British Medical Journal states that the late Mr. W. Thelwall Thomas, of Liverpool, who died last September, has bequeathed £5,000 each to the University of Liverpool, to endow a fellowship in surgical pathology; the Royal College of Surgeons of England, and the Royal Medical Benevolent Fund for pensions for medical men and their widows. He has also given £1,000 to the Liverpool Medical Institution for the annual purchase of books of reference or journals. He directed that his house in Rodney Street should be used as chambers for medical men so long as the executors shall think fit; the portrait in oils of himself he bequeathed to the University of Liverpool.

PRESIDENT W. W. CAMPBELL, of the University of California, announced on December 12 that among other scholarships available, a Sheffield Sanborn scholarship of \$325 for a student in the school of medicine; also gifts of \$450 for a study of the relation of the intestinal flora to disease; of \$100 by Dr. Curle Latimer Callander in support of the Callander surgical and topographic anatomy fund; of \$200 for the use of the Hooper Foundation, and of \$100 by Dr. Theodore C. Lawson, Oakland, as partial repayment of a scholarship awarded him in 1919.

THE French correspondent of the *Journal* of the American Medical Association writes that the mayor of Lyons has been informed that the Rockefeller Foundation will guarantee to the University of Lyons, for the purchase of sites and for the construction of buildings to be used by the faculté de médecine et de pharmacie, the sum of 41,206,000 francs (\$1,648,240), on condition that the sum of 15,000,000 francs is supplied from other sources or furnished by the govern-

ment of France. Accordingly, the president of the cabinet, in agreement with the minister of public instruction, has allotted 12,000,000 francs, payable in three annual sums. There remains only 3,000,000 francs to be guaranteed. Furthermore, 100,000,000 francs is required to complete the Grange-Blanche Hospital. That is the part that is to be undertaken by the city of Lyons. The new buildings of the faculté de médecine are to be erected in the vicinity of the Grange-Blanche Hospital, so that there may be an intimate association with the hospital clinics.

THE first allotment under the Rollin D. Salisbury memorial research fund of the University of Chicago has been made to Professor J Harlen Bretz, of the department of geology, for the continuance of his studies of the "scablands" of Washington formed by the scouring action of floods flowing from the glaciers at the close of the last glacial period.

ACCORDING to the *Journal* of the American Medical Association a conference on pellagra called by the governor of Arkansas on December 6 was attended by about 400 persons; in opening the meeting, the governor reviewed the work that had been done since the Mississippi flood last spring by Arkansas physicians and those from other states who came to help, and urged full cooperation between all forces of the state for the control and prevention of pellagra. Dr. Joseph Goldberger, U. S. Public Health Service, Washington, D. C., who addressed the conference, stated that the records for 1927 indicate a considerable increase in the deaths of persons from pellagra in Arkansas. The number for the last year, it is said, will total between 600 and 700.

THE Federal Radio Commission has authorized the General Electric Company, Schenectady, N. Y., to erect an experimental station in Oakland, Calif., with 10,000 watts power and wave-length of 10 to 40 meters, for "the development of improved methods of facsimile transmission and television." Construction will start immediately. It is expected the station will be completed by March 1. The visual images will be transmitted by wireless, using at first both continuous and interrupted waves.

THE Geological Survey of Denmark will celebrate its fortieth anniversary in June next year by a series of excursions and meetings to which foreign geologists are to be invited. Before the meeting to be held in Copenhagen, two simultaneous four-day excursions will be arranged (June 21-24): to Bornholm, which forms part of the Baltic Shield and is of great petrological, stratigraphical and tectonic interest; or, alternatively, to Moën and South Sjælland, where remarkable dislocations in the Senonian white chalk can be compared with the undisturbed formations. The meet-

ing itself (June 25-28) will be devoted to lectures and discussions on the general geology of Denmark and to visits to the celebrated museums of Copenhagen. After the meeting an eleven-day excursion (June 29-July 9) will enable visiting geologists to study a wide range of glacial phenomena in north-west Sjælland, Fyn, Langeland and Jylland. Further particulars relating to the detailed program, accommodations and charges will be provided in a later circular.

THE Paris correspondent of the London *Times* writes that the French government has decided to undertake an official investigation of the agriculture of the country. During the latter half of the last century reports were compiled by the Ministry of Agriculture every ten years, in which information in regard to the nature and size of agricultural properties, the distribution of crops in different parts of France, the methods of cultivation, the use of fertilizers, etc., were set out in statistical form. The last of these reports was issued in 1892. Since then no detailed and comprehensive survey of French agriculture has been taken. The only official statistics issued relate to the yield of crops and numbers of sheep, cattle and horses and these are admittedly based on insufficient data. A minor consideration in deciding the government to make the survey without delay is that the International Agricultural Institute, which has its seat in Rome, and of which France is a member, has asked for information with a view to compiling a report on agriculture throughout the whole world. This information the French government would be unable to supply unless the survey were made.

UNIVERSITY AND EDUCATIONAL NOTES

By the will of the late Dr. Morris Herzstein, one of the prominent physicians of San Francisco, Stanford University is to receive \$100,000 for a chair of biology.

ON February 23 the new building of the Philadelphia College of Pharmacy and Science will be dedicated. The formal dedicatory exercises will be presided over by Dr. Wilmer Krusen, who was recently installed as president of the college.

It is reported that Dr. Gregorio Amo, of California, will give shares of his oil holding to the amount of about \$1,700,000 for the establishment of a fund to permit foreign students to study at the Central University of Spain. Dr. Amo also presented King Alfonso with \$400,000 to be used in the creation of a university city.

TRUSTEES of Western Reserve University have voted