

5:30 P.M. Delegates and citizens assemble at Elks' Hall.

6 P.M. Academy banquet.

8:15 P.M. Public session of the academy in the Washington school and auditorium. Address by the president, "Alaska and its Riches." (Illustrated by lantern.)

9:30 P.M. Informal reception.

#### SATURDAY, FEBRUARY 21

9 A.M. General scientific session for the reading of papers.

1:30 P.M. Business session. Election of officers.

The Indiana Academy of Science has been invited to participate and will send a number of delegates as well as contribute to the program. The South American expedition conducted jointly by the University of Indiana and the University of Illinois will be discussed by the director, Dean C. H. Eigenmann, of the University of Indiana.

Amendments to the constitution providing for the affiliation of the academy with the American Association for the Advancement of Science and creating two classes of members, viz., national members and local members, have been unanimously accepted and will come up for final adoption.

#### GIFT OF THE CARNEGIE CORPORATION TO THE NATIONAL ACADEMY OF SCIENCES AND THE NATIONAL RESEARCH COUNCIL

THE Carnegie Corporation of New York has announced its purpose to give \$5,000,000 for the use of the National Academy of Sciences and the National Research Council. It is understood that a portion of the money will be used to erect in Washington a home of suitable architectural dignity for the two beneficiary organizations. The remainder will be placed in the hands of the academy, which enjoys a federal charter, to be used as a permanent endowment for the National Research Council. In announcing this gift the report from the council says:

This impressive gift is a fitting supplement to Mr. Carnegie's great contributions to science and industry.

The council is a democratic organization based

upon some forty of the great scientific and engineering societies of the country, which elect delegates to its constituent divisions. It is not supported or controlled by the government, differing in this respect from other similar organizations established since the beginning of the war in England, Italy, Japan, Canada and Australia. It intends, if possible to achieve in a democracy and by democratic methods the great scientific results which the Germans achieved by autocratic methods in an autocracy while avoiding the obnoxious features of the autocratic régime.

The council was organized in 1916 as a measure of national preparedness and its efforts during the war were mostly confined to assisting the government in the solution of pressing war-time problems involving scientific investigation. Reorganized since the war on a peace-time footing, it is now attempting to stimulate and promote scientific research in agriculture, medicine, and industry, and in every field of pure science. The war afforded a convincing demonstration of the dependence of modern nations upon scientific achievement, and nothing is more certain than that the United States will ultimately fall behind in its competition with the other great peoples of the world unless there be persistent and energetic effort expended to foster scientific discovery.

#### SCIENTIFIC NOTES AND NEWS

DR. BURTON E. LIVINGSTON has been elected permanent secretary of the American Association for the Advancement of Science, to succeed Dr. L. O. Howard, elected president of the association. Dr. Livingston will retain the professorship of plant physiology at the Johns Hopkins University, and the office of the association will remain at the Smithsonian Institution.

DR. W. A. NOYES, head of the department of chemistry of the University of Illinois, has been elected president of the American Chemical Society.

At the Cincinnati meeting of the Federation of Societies for Experimental Biology, presidents of the constituent societies were elected as follows: The American Physiological Society, Professor Warren P. Lombard, of the University of Michigan (reelected); the American Bio-chemical Society, Professor Stanley J. Benedict, of Cornell University;

the Society for Experimental Pathology, Dr. William H. Park, of New York City; the American Pharmacologists' Society, Professor Arthur S. Loevenhart, of the University of Wisconsin.

THE presentation of the Perkin Medal to Professor-emeritus Charles F. Chandler, of Columbia University, by Professor Marston T. Bogert, of Columbia University, took place at the meeting of the Society of Chemical Industry, at the Chemists' Club, New York City, on January 16.

At a meeting held on December 1, Professor Thomas B. Osborne, of the Connecticut Agricultural Experiment Station, was elected an associate member of the Société Royale des Sciences Médicales et Naturelles de Bruxelles.

THE prize of \$100 offered in 1914 for the best paper on the availability of Pearson's formulæ for psychophysics, to be judged by an international committee consisting of Professors W. Brown, E. B. Titchener and F. M. Urban, has been awarded to Dr. Godfrey H. Thomson, of Armstrong College, Newcastle-upon-Tyne, for an essay entitled "On the Application of Pearson's Methods of Curve-Fitting to the Problems of Psychophysics."

At its last meeting the Rumford Committee of the American Academy of Arts and Sciences made the following appropriations: to Professor Frederick A. Saunders, of the Jefferson Physical Laboratory, one hundred and fifty dollars in addition to a former appropriation in aid of his research on Spectral Lines; to Professor David L. Webster, of the Massachusetts Institute of Technology, three hundred and fifty dollars in addition to a previous appropriation in aid of his research on X-ray spectra.

MR. ELMER D. MERRILL, who has been in charge of botanical work for the Philippine government since 1902, has been appointed director of the Bureau of Science. In addition to his duties as botanist, Bureau of Science, Mr. Merrill was chief of the department of botany, University of the Philippines, from 1912 to 1919, first as associate professor, later

as professor of botany. In March, 1919, he resigned from the university in order to devote his whole time to the botanical interests of the Bureau of Science, was made acting director of the bureau in June, and director in December, 1919.

DEAN CHARLES FULLER BAKER, of the college of agriculture, University of the Philippines, takes a year's leave during 1920, because of failing health. He plans to spend a large part of this leave in the higher regions of the Philippines. His address will continue to be Los Baños, Philippine Islands.

MR. R. S. MCBRIDE, engineer-chemist of the National Bureau of Standards, resigned on January 15, to become the engineering representative in Washington, D. C., of McGraw-Hill Company of New York City. His first work will be in connection with certain coal and fuel utilization problems of particular interest to *Coal Age*. His address is Colorado Building, Washington, D. C.

DR. E. MEAD WILCOX has resigned as professor of plant pathology in the University of Nebraska and plant pathologist of the Experiment Station, effective April 1, 1920, to accept the directorship of the Agricultural Experiment Station being established at Santo Domingo in the Dominican Republic.

DR. W. S. GORTON has resigned from the Bureau of Standards, where he has been engaged in work on potential-transformer testing and automotive engine ignition, to accept a research position with the Western Electric Company in New York City.

W. ARMSTRONG PRICE, paleontologist of the West Virginia Geological Survey, is spending the winter months at Johns Hopkins University, where he is carrying on his work on West Virginia fossils through the courtesy of the geological department of the university.

THE list of British new year honors, as reported in *Nature*, includes Sir Bertrand Dawson, physician in ordinary to the king, and dean of the medical faculty of the University of London, to a peerage. Among the new knights are Professor Arthur Schuster; Dr. E. A. Wallis Budge, keeper of Egyptian and

Assyrian antiquities, British Museum; Colonel W. A. Churchman, ministry of munitions explosives department; Dr. J. Court, known by his researches on diseases of miners; Mr. F. C. Danson, chairman of the Liverpool School of Tropical Medicine; Mr. D. E. Hutchins, for his services to forestry; Mr. James Kemnal, for public services in connection with the manufacture of munitions; Mr. F. S. Lister, research bacteriologist, South African Institute for Medical Research; Mr. H. J. MacKinder, M.P., and Dr. F. G. Ogilvie, director of the Science Museum, South Kensington. Professor S. J. Chapman, joint permanent secretary, Board of Trade, and Sir Richard Glazebrook, have been promoted from C.B. to K.C.B. Dr. G. R. Parkin has been promoted to the rank of K.C.M.G., and Mr. H. N. Thompson, chief conservator of forests, Nigeria, has received the honor of C.M.G.

PROFESSOR BANTI, of Florence, Dr. Van Ermengem, of Ghent, and Dr. Pawinski, of Warsaw, have been elected correspondents of the Paris Academy of Medicine.

OFFICERS of the American Philosophical Society for 1902 have been elected as follows: *President*, William B. Scott; *Vice-presidents*, George Ellery Hale, Arthur A. Noyes, Hampton L. Carson; *Secretaries*, I. Minis Hays, Arthur W. Goodspeed, Harry F. Keller, John A. Miller; *Curators*, William P. Wilson, Leslie W. Miller, Henry H. Donaldson; *Treasurer*, Henry La Barre Jayne.

OFFICERS of the Brooklyn Entomological Society for the year 1920 have been elected as follows:

*President*: W. T. Davis.

*Vice-president*: J. R. de la Torre-Bueno.

*Treasurer*: Rowland F. McElvare.

*Recording and Corresponding Secretary*: Dr. J. Bequaert.

*Librarian*: A. C. Weeks.

*Curator*: Geo. Franck.

*Publication Committee*: J. R. de la Torre-Bueno, editor, Geo. P. Engelhardt, Dr. J. Bequaert.

*Delegate to Council of New York Academy of Sciences*: Howard Notman.

DR. LOUIS A. BAUER gave an illustrated lec-

ture on "The solar eclipse of May 29, 1919, and the Einstein effect," at Brown University, under the auspices of the Sigma Xi, on January 15. He repeated the lecture at Columbia University, Friday afternoon, January 16. On Friday evening, February 6, he has been invited to address the American Philosophical Society in Philadelphia at the stated meeting, on "Observations in Liberia and elsewhere of the total solar eclipse of May 29, 1919, and their bearing on the Einstein theory." The address will be illustrated by lantern slides of all expeditions showing the fully developed solar corona and remarkable prominences, as well as the deflected star images.

At a meeting of the Society of Medical History of Chicago on January 17, addresses were made by Colonel Casey A. Wood, on "Walter Bailey, the first writer of an Ophthalmic Treatise in English," and by Lieutenant-Colonel Fielding H. Garrison, on "Medical Men and Music," and "Remarks on the Medical History of the War."

PROFESSOR GEORGE M. STRATTON, of the University of California, is giving a series of lectures in San Francisco, during January and February on psychology and health.

#### UNIVERSITY AND EDUCATIONAL NEWS

THE Massachusetts Institute of Technology will be administered by a special committee composed of three members of the faculty, the corporation having decided that it is not advisable to name an acting president in succession to the late Dr. Richard C. Maclaurin. This administrative committee will be composed of Dr. Henry P. Talbot, chairman of the faculty and head of the department of chemistry; Professor Edward P. Miller, head of the department of mechanical engineering, and Dr. William H. Walker, director of the newly instituted division of industrial cooperation and research. Frederick P. Fish, senior member, has been elected chairman of the executive committee of the corporation and a sub-committee, consisting of Everett Morse, Francis R. Hart and Edwin S. Webster, has