

With Professor Mast acting as secretary *pro tem* the chapter proceeded to elect officers to serve for the remainder of the academic year. The election resulted as follows:

President: A. G. Christie

Vice-president: P. D. Meader

Secretary-treasurer: G. H. Cartledge

President Christie took the chair. It was moved and carried that a committee be appointed to prepare a set of by-laws. The president appointed Messrs Dunlap, Kouwenhoven and Wislocki.

On motion the remainder of the business was postponed until after dinner. Thirty of the members were present at dinner, with the national officers and President Goodnow, of the university, as guests.

After dinner Dean Ellery addressed the chapter on the history and significance of the society, referring particularly to the new membership requirements, the numerical and territorial growth of the society, and the widening field of its activities. At the conclusion of the address there was an informal discussion of numerous details in connection with the conduct of the chapter.

The chair then introduced President Goodnow, who felicitated the chapter and spoke appreciatively of the purposes of the Sigma Xi.

The principal address was made by President Richtmyer, his subject being, "Faraday and Maxwell, and Modern Physics." Using these investigators as illustrations, he spoke very entertainingly of the obligations which we owe to the pioneers in research.

By a rising vote the chapter expressed its appreciation of the presence and services of the national officers.

G. H. CARTLEDGE,
Secretary

THE AMERICAN CHEMICAL SOCIETY

THE general program of the sixty-seventh meeting of the American Chemical Society, held in Washington, from April 21 to 26, is as follows:

MONDAY, APRIL 21

Registration, Council Meetings.

TUESDAY, APRIL 22

10:00 a. m.

The convention welcomed by R. S. McBride, president of the Washington Section of the society, who then surrenders the chair to Dr. Leo H. Baekeland, president of the society.

GENERAL ADDRESSES

Robert A. Millikan, professor of physics, California Institute of Technology, "The Atom as seen by the Physicist."

Gilbert N. Lewis, professor of chemistry, University of California, "The Atom as seen by the Chemist."

2:00 p. m.

Special General Divisional Programs

Chemistry of Medicinal Products.

Industrial and Engineering Chemistry.

Organic Chemistry.

Physical and Inorganic Chemistry

4:30 p. m.

Tea at residence of Dr. and Mrs. Atherton Seidell.

8:00 p. m.

New National Museum. (1) Motion picture, "Boat Trip through Grand Canyon," with narrative by Roland W. Burchard, of U. S. Geological Survey party which made this exploration. (2) Reception.

WEDNESDAY, APRIL 23

Divisional and Sectional Meetings.

Sightseeing bus trip and luncheon for ladies.

Excursions to Government Laboratories.

8:00 p. m.

Address, "The Expansion of Chemistry," by Edwin E. Slosson, followed by social evening with music and refreshments—large and small ball rooms, New Willard Hotel. Admission by badge or by guest ticket.

THURSDAY, APRIL 24

9:30 a. m.—Divisional and Sectional Meetings.

12:30 p. m.—It is expected that the society and guests will be received by the president.

2:30 p. m.—Excursion to Mount Vernon.

6:30 p. m.—Group and fraternity functions.

7:30 p. m.—Technical and popular motion pictures, shown by Department of Agriculture and by Bureau of Mines.

FRIDAY, APRIL 25

9:30 p. m.—Divisional and Sectional Meetings.

1:30 p. m.—Division Meetings (concluded). Excursions to Government Laboratories.

4:00 p. m.—Tea for ladies. Mrs. Charles L. Parsons, hostess.

7:00 p. m.—Subscription Dinner and Dance.

SATURDAY, APRIL 26

All day Excursion to Edgewood Arsenal, Md. Special train leaves Edgewood to reach New York in time for Garvan Dinner.

SCIENTIFIC NOTES AND NEWS

At the annual meeting of the National Academy of Sciences, to be held in Washington on April 28, the new building of the National Academy and the National Research Council will be dedicated. The president of the academy, Professor A. A. Michelson, will preside and it is understood that President Coolidge will make an address. Dr. John C. Merriam, president of the Carnegie Institution of Washington, will

speak for the National Academy, and Dr. Vernon Kellogg, secretary of the National Research Council, will speak for the council. Professor T. H. Morgan, of Columbia University, will give an address in the afternoon on "The physiological basis of heredity." In the evening there will be a reception given by the officers and members of the National Academy of Sciences and the National Research Council.

THE John Fritz Gold Medal was presented to Dr. Ambrose Swasey, of Cleveland, at a public ceremony in the Engineering Societies Building, New York, on April 23, for achievement as a designer and manufacturer of instruments and machines of precision, a builder of great telescopes, a benefactor of education and the founder of Engineering Foundation. Addresses were made by Charles F. Rand, Dr. William Wallace Campbell, General William Crozier and Dr. John R. Freeman. Representatives of engineering societies and other organizations from all parts of the country were present.

SIR F. W. MOTT, formerly Fullerian professor of physiology at the Royal Institution, has been elected a member of the Athenaeum for "distinguished eminence in science."

PROFESSOR LEO, of the chair of pharmacology at the University of Bonn, celebrated his seventieth birthday on March 27.

IT is announced that General C. G. Bruce, leader of the Mount Everest expedition, has been compelled to leave the expedition for a time on account of an attack of malaria. General Bruce, however, is convalescent, and it is hoped he may be able to rejoin the expedition before long.

CALVERT TOWNLEY, of New York, vice-president of the Westinghouse Electric and Manufacturing Company, has been named chairman of the public affairs committee of the American Engineering Council. Other members are L. P. Alford and F. B. Jewett, of New York; Professor D. C. Jackson, of the Massachusetts Institute of Technology, and Fred J. Miller, member of the Pennsylvania Public Service Commission.

THE Wisconsin Academy of Sciences, Arts and Letters held its fifty-fourth annual meeting at the University of Wisconsin on April 11 and 12. At this meeting the following officers were elected for a term of three years: *President*, Leon J. Cole; *Vice-presidents*, Sciences, S. A. Barrett, Arts, H. E. Cole, Letters, Arthur Beatty; *Secretary-treasurer*, Chancey Juday.

DR. ERWIN F. SMITH was elected president of the American Association for Cancer Research at the seventeenth annual meeting, held in Buffalo on April

17, under the presidency of Dr. William Duane. Dr. Channing C. Simmons, Boston, was elected vice-president, and Dr. Wm. H. Woglom, of Columbia University, secretary-treasurer. There was a full attendance, twenty-two papers being presented before the meeting, only two of which were by title. The society is composed largely of experimental workers in cancer, but also welcomes clinicians interested in the subject. Its organ, the *Journal of Cancer Research*, now in its eighth volume, will hereafter be published by the Croker Institute of Columbia University, under the editorial management of Dr. Francis Carter Wood.

At a meeting of the Franklin Institute, Philadelphia, on April 16, a statement was made relative to the work of Charles A. Coffin, LL.D., past president, General Electric Company, Schenectady, New York, by Samuel Insull, Sc. D., president of the Commonwealth Edison Company, Chicago, and a certificate of honorary membership was presented to Dr. Coffin. Dr. Theodore W. Richards, director of the Wolcott Gibbs Memorial Laboratory of Harvard University presented a paper on "Compressibility, internal pressure and atomic magnitudes."

THE committee on scientific Research of the American Medical Association had awarded its grant No. 69, to the amount of \$400, to Dr. Linda B. Lange, of the School of Hygiene and Public Health, Johns Hopkins University, to aid her work on diet in experimental tuberculosis.

OWING to lack of time, Irwin G. Priest, of the Bureau of Standards, has resigned as secretary of the Optical Society of America. Professor F. K. Richtmyer, Cornell University, will serve as secretary *pro tem* until further notice.

FRANK L. THOMAS, acting entomologist of the Alabama Experiment Station, has been appointed chief entomologist of the Experiment Station and state entomologist of Texas, the appointment becoming effective on May 1. He succeeds Dr. M. C. Tanquary, who has resigned in order to engage in commercial beekeeping and will have headquarters in Fargo, North Dakota.

DR. A. J. LANZA has been appointed executive officer of the National Health Council, succeeding Dr. D. B. Armstrong, who resigned on January 1. Dr. Lanza takes this position after three years' absence in Australia where he assisted in the organization of the Commonwealth Health Department. The National Health Council comprises twelve leading national voluntary health agencies, together with the United States Public Health Service and the United States Children's Bureau as conference members.

DR. LOUIS NAVIAS, in the past year a special expert

in the Ceramic Division of the U. S. Tariff Commission, has joined the research staff of the General Electric Company at Schenectady, N. Y., as ceramic chemist.

DR. E. P. CHURCHILL, of the University of South Dakota, will act as adviser to the director of the U. S. Bureau of Fisheries Biological Station, Fairport, Iowa, in the planning and conduct of the freshwater mussel investigations to be carried on this season under the direction of this station.

PROFESSOR W. B. HERMS, of the University of California, left San Francisco on the motor schooner "*Doris Crane*," on April 10, for Fanning Island, where he will study coconut pests. While in the South Seas, Professor Herms will also carry out a general survey of the fauna and flora of Fanning and other neighboring islands. Harold Kirby, fellow in zoology, will assist in the work. The investigation will extend over a period of about four months.

DR. FRANK D. KERN, dean of the graduate school and head of the botany department at the Pennsylvania State College, has been called by the Porto Rican government to make a special study of fungi in Porto Rico during the coming summer.

J. L. KING, who recently returned from Japan after three years study of the parasites of the green Japanese beetle, is now appointed as specialist in charge of the division of parasites, at the Japanese Beetle Laboratory, Riverton, New Jersey.

SURGEON-GENERAL HUGH S. CUMMING has sailed for Europe to inspect the activities of U. S. Public Health Service officers stationed in foreign consulates and to attend the meeting of the Office international d'hygiene publique. He will also attend an immigration conference to be held at Rome, May 15. During the absence of Surgeon-General Cumming, Assistant Surgeon-General M. J. White, the ranking officer of the bureau, will be in charge.

PROFESSOR EDWIN G. CONKLIN, of Princeton University, on March 4, delivered a public address under the auspices of the Society of Sigma Xi of Syracuse University, on "Recent reactions against evolution."

DR. GEORGE H. PARKER, professor of zoology in Harvard University, is announced as the speaker who will address the annual banquet of the Phi Beta Kappa Society at Williams College on May 9.

DR. HARRY N. HOLMES, of Oberlin College, recently lectured on "Emulsions" and on "Gels" at Yale, Princeton, the University of Pennsylvania, Brown and at Schenectady before the General Electric staff.

DR. I. NEWTON KUGELMASS, of Yale School of Medicine, addressed the Johns Hopkins Medical

Society on "Physico-chemical studies of the mechanism of blood coagulation" on April 7.

DR. JEROME ALEXANDER, of New York City, addressed the Buffalo and Niagara Falls Sections of the American Chemical Society on "The importance of impurities," on April 15, and on April 16 spoke at the University of Buffalo on "Colloids."

ON the afternoon of April 3, Professor John Henry Comstock, of Cornell, gave an address on "Early entomologists and their work," in the lecture room of the department of entomology of Stanford University. The lecture was attended by a number of the professors and students of the University of California and of Stanford University, and by some of the entomologists of the California Academy of Sciences and others of the San Francisco Bay region. In the evening a dinner was given at the Stanford Union in honor of Professor and Mrs. Comstock. After the dinner Professor and Mrs. Comstock both gave interesting talks. Dr. David Starr Jordan, chancellor emeritus of Stanford University, one of Dr. Comstock's first students in entomology, and others also gave very interesting talks.

DR. C. V. L. CHARLIER, professor of astronomy and director of the observatory of the University of Lund, gives the Hitchcock lectures at the University of California this year. The general subject is "The structure of the universe," and the titles of the lectures are: "Historical introduction," "Star gauges of William Herschel," "The milky way," "Steady stellar systems," "An infinite world." He will also offer a course in the intersession on "The motion of the stars," and one in the summer session on "The distribution of the stars."

THERE will be a series of three lectures by Professor Leonor Michaelis, Aichi University, Ikadai-gaku, Nagoya, Japan, on "The electrifying effect of ions; an essay of a general theory, with especial application to biology," under the auspices of The Institute of Medicine of Chicago and the University of Chicago on the evenings of April 30, May 1 and May 2, in Kent Theater at the University of Chicago.

MEDICAL experts from England, Germany and Holland are directing short courses in neurology from April 7 to May 30 under the auspices of the Department of Neurology of the School of Medicine and University Extension of the College of Physicians and Surgeons of Columbia University. Dr. Alfons Jakob, University of Hamburg, is offering lectures and laboratory demonstrations in neuro-pathology. Dr. G. V. Anrep, University College of London, is giving a course on the physiology of the cortex as investigated by the method of conditioned reflexes. A course in the morphology of the central nervous sys-

tem is being given by Dr. C. U. Ariens Kappers, director of the Central Brain Institute, Amsterdam.

FRANCIS JEFFREY BELL, formerly professor of comparative anatomy in King's College, London, and assistant in the British Museum, died on April 1, in his seventieth year.

COUNT HILAIRE DE CHARDONNET, who first devised processes for making artificial silk, died in Paris on March 12, in his eighty-fourth year.

THE ninth Italian Geographical Congress will take place this year at Genoa from April 22 to 30. *The Geographical Journal* writes: Such meetings of Italian geographers were inaugurated in 1892 by an assembly in the same city of Genoa, summoned in order to commemorate the fourth centenary of the discovery of America. The present congress is organized by the National Italian Geographical Committee, lately formed in affiliation with the International Geographical Union. Besides the general meetings, there will be meetings of six sections which are to deal with the several branches of the subject, and eight exhibitions are being organized, several of which will be specially concerned with Liguria under various aspects, physical and historical.

STATE engineers from a number of the commonwealths interested in superpower plans conferred with Secretary of Commerce Hoover on April 14, and it was agreed that they will lay before the public service commissions of their respective states the facts which have been developed. On the basis of these facts it is hoped that the public service commissions may be induced to suggest legislation which would facilitate and encourage the interstate flow of electrically produced power.

WE learn from the *Journal* of the American Medical Association that the Ella Sachs Plotz Foundation for the Advancement of Science has been established in memory of Ella S. Plotz, of New York. The available annual income is \$10,000. For the present, research will be favored that is directed toward the solution of medical problems. Grants may be used to purchase apparatus and supplies for special investigations, and for unusual expenses incident to such investigations, including technical assistance. The trustees of the fund desire to receive applications for grants for work on problems of practical medicine and surgery, preventive medicine and the medical science. Plans for a concerted attack by a group of investigators, working either at one center or in different places, on some problem of serious import in medicine, will be especially welcomed. Applications for support from this foundation should be accompanied by a full statement of the need for the investigation, the conditions under which it is to be

done, and the way in which the grant would be expended. Applications should be forwarded to the secretary of the executive committee, Dr. Francis W. Peabody, Boston City Hospital, Boston. Other members of the executive committee are Drs. Walter B. Cannon, Bernard Sachs and Paul J. Sachs.

WE learn from *Nature* that the Royal Society has received from a donor, who desires to remain anonymous, a gift of £10,000, for the prosecution of original research in medicine for the prevention of disease and relief of suffering, with special attention to tropical diseases in British possessions and to cancer and tuberculosis. They have also received from Messrs. Brunner, Mond and Co., a gift of 500 guineas to be used for the publication of the results of scientific research in chemistry, physics and similar sciences.

THE British Ministry of Agriculture announces that Oxford University has accepted its proposal to set up a separate research institute in agricultural engineering. The university has chosen as director of the new institute Captain B. J. Owen, who for some time past has taken an important part in connection with the ministry's machinery research. The ministry proposes that tests of agricultural machinery shall be carried out and certificates issued on its authority, but that the actual work of testing shall be conducted by the new Oxford Institute, the National Physical Laboratory and other institutions.

THE Werner-Siemens Institute for Röntgen Research is to be opened on March 22. The city of Berlin, in collaboration with the firm of Siemens & Halske, has established here a large teaching and research institute with modern equipment. The city will pay the current expenses, and Siemens & Halske will furnish, at their expense, the apparatus and instruments. A joint board of control appointed by the founders will administer the institute. It will serve, primarily, for practical, clinical research work, and, secondarily, the whole field of röntgenology. Dr. Frik, formerly assistant at the first university medical clinic in Berlin, has been chosen director.

UNIVERSITY AND EDUCATIONAL NOTES

A BEQUEST of \$100,000 to Williams College is made in the will of William A. Swift, of the class of 1863. A condition of the bequest is that \$1,200 of the income be used each year for four scholarships of \$300 each.

YALE University announces the gift of \$2,000 for the establishment of the Charles Lathrop Pack Foundation, the income to be given annually as a prize for the best original article or story of popular interest on some forestry subject by a student.