

Medicine, for studies of the ovarian hormone; Harry Goldblatt, associate professor of pathology, Western Reserve University, for study of the growth of malignant tissue in vitro; Yandell Henderson, professor of applied physiology, Yale University, for assistance in his studies of the treatment of pneumonia by inhalation of carbon dioxide; William de B. MacNider, University of North Carolina Medical School, for study of the pharmacology and toxicology of white snake root; William C. Rose, professor of physiological chemistry, University of Illinois, for investigations on the nutritive importance of the amino acids.

E. B. Babcock, professor of genetics, University of California, toward the expenses of a collecting expedition for the study of the taxonomy, cytology and genetics of the genus *Crepis*; R. A. Brink, associate professor of genetics, University of Wisconsin, for investigation of the cytological and genetic bases of semi-sterility in maize; Ralph E. Cleland, associate professor of biology, Goucher College, for cytological and genetical studies of *Oenothera*; George M. Reed, research curator, Brooklyn Botanic Garden, for part of the expense of a trip to Japan for the study of varieties, culture and diseases of the Japanese iris.

Thomas R. Garth, professor of educational psychology, University of Denver, for a study of the incidence of color-blindness among Indians; Melville J. Herskovits, assistant professor of anthropology, Northwestern University, for study of the anthropometry and heredity of the American Negro; Arthur Randolph Kelly, assistant professor of anthropology, University of Illinois, for anthropometrical and morphological studies of the Cherokee Indians; Maurice G. Smith, associate professor and head of the department of anthropology, University of Oklahoma, for a study of the peyote cult among the Indians of Oklahoma; Roland C. Travis, Western Reserve University, for experimental investigation of the speed of reflex and voluntary eye movements.

Division of Anthropology and Psychology of the National Research Council, for part of the expenses of a preliminary study of the development of Negro children (jointly with the Social Science Research Council); Division of Anthropology and Psychology of the National Research Council, for part of the expenses of a conference on culture areas (jointly with the Social Science Research Council); Division of Chemistry and Chemical Technology of the National Research Council, for expenses of Professor Austin M. Patterson, of Antioch College, in connection with a meeting of the International Union of Pure and Applied Chemistry on the Reform of the Nomenclature of Organic Chemistry.

Of these twenty-eight grants, one was for the sum of \$2,000, and two were for \$1,500 each. Eight grants were made for \$1,000 each, nine were for sums between \$500 and \$1,000, and eight for sums of \$500 or less.

VERNON KELLOGG,  
*Permanent Secretary*

## THE ATLANTA MEETING OF THE AMERICAN CHEMICAL SOCIETY

CHEMISTRY's advance in the south will be a dominant theme at the seventy-ninth meeting of the American Chemical Society, which will be held in Atlanta, Georgia, from April 7 to 11. More than 1,500 scientific men from this and other countries will attend. Five hundred papers and addresses will be presented outlining the progress in chemical science.

The opening event will be a session of the council on Monday afternoon, April 7, when plans to meet the expanding activities of the society, now, with more than 17,000 members, the largest professional organization of its kind in the world, will be discussed. The president of the society, Professor William McPherson, of the Ohio State University, will preside.

The most pressing need of organized chemistry, according to Dr. Charles L. Parsons, who will submit his annual report as secretary, is an endowment of several millions of dollars to finance the society's publications. Scientific and industrial research is developing so rapidly that the income of the society is no longer sufficient in itself to record it.

To keep American science and industry abreast of knowledge in chemistry, the society has developed a reporting system, centering at the Ohio State University, which covers the world's entire chemical literature, and the results of which are embodied in a publication called *Chemical Abstracts*. The number of periodicals from which digests are made for American use now exceeds 1,500.

At a general meeting on Tuesday morning, April 8, under the auspices of the Division of Industrial and Engineering Chemistry, which will usher in the scientific sessions, industrial chemical processes as practiced in the south will be featured.

On the same day the Division of Physical and Inorganic Chemistry, headed by Professor W. V. Evans, of Northwestern University, will hold a symposium on "Analytical Chemistry." Among the speakers and their topics are: Professor G. L. Clark, University of Illinois, "X-Ray Analysis"; C. C. Nitchie, the New Jersey Zinc Company, Palmerton, Pennsylvania, "Spectrographic Analysis"; C. W. Mason, Cornell University, "Microscopic Methods"; Professor V. K. LaMer, Columbia University, "Modern Methods of Solutions." Other speakers at this symposium will be Professor H. B. Weiser, director of the department of chemistry, Rice Institute; Professor I. M. Kolthoff, University of Minnesota; Professor N. H. Furman, Princeton University, and Professor H. H. Willard, of the University of Michigan, secretary of the division.

In a public address on Wednesday evening, April

9, closing a day of divisional sessions, Dr. Harrison E. Howe, editor of *Industrial and Engineering Chemistry*, will deliver a public address on "Chemistry Comes South." Another event stressing the development of chemistry in the southern states is a symposium on "The Relation of Cotton to Chemical Industry," to be held by the Division of Chemical Education. Experts from all over the country will take part. Dr. Charles H. Herty, past president of the society, will preside.

Practically all the professional divisions will meet in Atlanta. Public health, the growing alliance of chemistry and medicine, chemical education, nationwide popular training of women in chemistry, rubber, gas and fuel, sugar, petroleum, cellulose, history, agriculture and food, biology, paint and varnish, and water, sewage and sanitation are among the topics to be discussed.

The Division of Biological Chemistry will hold sessions on the relation of vital processes in health and

disease, including nutrition, vitamins, irradiation, endocrinology, proteins, amino acids and enzymes. Graduate and undergraduate students will join with teachers from schools and colleges all over the country in the sessions on chemical education.

Mineral waters will be the chief topic of discussion at the sessions of the Division of Water, Sewage and Sanitation Chemistry. The papers at one session will deal with the application of the Food and Drugs Act to the mineral water business and the distribution of safe and palatable table waters and on the utilization of spring waters at health and pleasure resorts. Papers at another session will take up stream pollution, including the work done by the City of Philadelphia toward the cleaning of the Schuylkill River.

Other meetings include those of divisional officers, Erle M. Billings, of Rochester, New York, presiding, and local section officers, with Dr. G. L. Wendt, of Battelle Memorial Institute, Columbus, Ohio, as chairman.

## SCIENTIFIC NOTES AND NEWS

PROFESSOR WILLIAM MORTON WHEELER, of Harvard University, has been made an honorary member of the Société Entomologique de France. Dr. L. O. Howard is the only other honorary member among Americans.

THE doctorate of laws was conferred at the mid-year commencement of the University of Pittsburgh on Dr. Herbert Osborn, research professor of zoology and entomology at the Ohio State University.

DR. HENRY LEFFMANN, professor of chemistry in the Wagner Free Institute and in the Woman's Medical College of Pennsylvania, has been elected an honorary member of the Franklin Institute of the State of Pennsylvania.

FREDERICK E. TURNEAURE, dean of the college of mechanics and engineering of the University of Wisconsin, has been awarded the Henry C. Turner gold medal by the American Concrete Institute "for distinguished service in formulating sound principles of reinforced concrete design." The presentation was made on February 13 at New Orleans.

At the monthly meeting of the American Geographical Society on February 25 the Charles P. Daly gold medal was presented to Nelson Horatio Darton, of the U. S. Geological Survey. The citation read: "His preparation of the topographic base maps of Arizona and New Mexico on the scale of 1:500,000 proclaim him a worthy follower in the great tradition of the surveys 'west of the hundredth meridian.' With great energy and continuity of purpose he has carried for-

ward researches in the physical geography of our western domain from its northern to southern borders and beyond, laying foundations for the fuller enjoyment of its resources."

DR. HERMAN A. SPOEHR, assistant director in charge of the Coastal Laboratory for botany of the Carnegie Institution of Washington, has been appointed director of the Division of Natural Sciences of the Rockefeller Foundation. He succeeds Dr. Max Mason, recently elected president of the foundation. Dr. Spoehr will take up the work on September 1.

PROFESSOR W. CARL RUFUS, of the department of astronomy of the University of Michigan, has been named acting director of the department and acting director of the university observatories, to fill the place of the late Professor Ralph H. Curtiss. Dr. Rufus has been connected with the university since 1917.

DR. EARL D. BOND, who since 1913 has been medical director and physician-in-chief of the department of mental and nervous diseases of the Pennsylvania Hospital, has been appointed professor of psychiatry in the University of Pennsylvania Medical School and will join the faculty on July 1. Dr. Bond also became medical director of the institute for mental hygiene at the Pennsylvania Hospital when the institution opened its new building on March 1.

DR. HENRICUS J. STANDER, associate professor of obstetrics in the Johns Hopkins Medical School, has been appointed professor of obstetrics and gynecology