

tional Conference adopted resolutions including the following:

We greet with satisfaction the first steps of the administration to correct the iniquities committed by the custodian of alien enemy property.

It is also significant that George Sylvester Viereck was chairman of the resolutions committee. Viereck attracted much attention during the war as a persistent German propagandist.

### LECTURES ON SCIENCE AT TEACHERS COLLEGE

TEACHERS COLLEGE, Columbia University, is offering for the summer session of 1922 a special course entitled "Educational Interpretation of Modern Science," under the charge of Dr. Otis W. Caldwell, director of the Lincoln School of Teachers College. The course is open to all students who register and pay the tuition fee. It carries two credit points for those who attend the lectures, and prepare synopses and term papers upon two topics selected from the subjects discussed.

The lectures, which are being given daily in the Horace Mann Auditorium at 2:30 p.m. from July 10 to August 18, are as follows:

"Achievements of science," Dr. Otis W. Caldwell.

"Methods and purposes of medical research," Dr. Simon Flexner, director of the Rockefeller Institute for Medical Research.

"Poliomyelitis (infantile paralysis)," Dr. Harold L. Amoss, associate professor of medicine, Johns Hopkins Medical School.

"Epidemic influenza," Dr. Frederick L. Gates, Rockefeller Institute for Medical Research.

"The control, care and treatment of human tuberculosis," Dr. Matthias Nicoll, Jr., deputy commissioner, Department of Health, State of New York.

"Chemistry of Foods," Dr. H. C. Sherman, executive officer of the department of chemistry, Columbia University.

"Influence upon man of climatic conditions and of the physical features of the earth's surface," Dr. W. W. Atwood, president of Clark University.

"Influence of the distribution of natural resources upon human activities," Dr. Atwood.

"Recent advances in long distance telephony," Dr. F. B. Jewett, president of the American

Institute of Electrical Engineers and vice-president of the Western Electric Company, and Mr. John Mills, the Personnel Department.

"Chemistry in relation to present day civilization. I. Gasoline. II. Refrigeration. III. Coal tar products. IV. Photography. V. Sugar," Dr. E. E. Slosson, editor of *Science Service*, Washington, D. C.

"The human voice and its electrical transmission," Mr. John Mills.

"Warfare against insects," Dr. L. O. Howard, chief of the United States Bureau of Entomology.

"A modern botanic garden in relation to community needs," Dr. George T. Moore, director of the Missouri Botanical Gardens.

"International health work," Dr. George E. Vincent, president of the Rockefeller Foundation.

"The meaning of evolution," Dr. John M. Coulter, head of the department of botany, University of Chicago.

"Evolution and religion," Dr. Coulter.

"The use of statistics in industry," Mr. R. S. Kellogg, editor of *News Print Service*, New York City.

"What science has done to enlarge our knowledge of the soil," Dr. Milton W. Whitney, chief of the U. S. Bureau of Soils.

"The Endurance of the Soil," Dr. Whitney.

"Forests as economic factors in modern life," Dr. Raphael Zon, forest economist, U. S. Forest Service.

"Forests as physical and biological factors," Dr. Zon.

"Physiological aspects of the modern potato problem," Dr. C. O. Appleman, professor of plant physiology and biochemistry, University of Maryland.

"Physiological aspects of food storage," Dr. C. O. Appleman.

"Vitamins," Dr. Walter H. Eddy, associate professor of physiological chemistry, Teachers College.

### PITTSBURGH MEETING OF THE AMERICAN CHEMICAL SOCIETY

THE fall meeting of the American Chemical Society will be held with the Pittsburgh Section on Monday, September 4, to Saturday, September 9, inclusive. All divisions and five sections are planning extensive meetings. The Pittsburgh local committees have already nearly completed their arrangements and an interesting program, together with instructive

excursions, is assured. It is expected that two thousand members will be present. The National Exposition of Chemical Industries meets in New York, September 11 to 16, and members can readily go from Pittsburgh to New York for this meeting.

Following the meeting of the council on September 4, the general program is:

TUESDAY, SEPTEMBER 5

9:00 a.m.—Registration and reception of members and guests at Carnegie Music Hall.

10:30 a.m.—General meeting, Carnegie Music Hall.

Address of welcome.

Response, Edgar F. Smith, president of the American Chemical Society.

General addresses, including the following:

1. J. H. James: "Pittsburgh as an industrial center: historical and industrial."
2. W. F. Rittman: "Pittsburgh as an industrial center: finance and transportation."

2:00 p.m.—General meeting, Carnegie Music Hall. Special addresses will be given, of which the following are part:

1. Thos. Midgley, Jr., and T. A. Boyd: "The chemical control of gaseous detonation with particular reference to the internal combustion engine." (Illustrated by experiments and slides). (One hour). Discussion later in Industrial Division.
2. E. J. Crane: "The journal literature of chemistry."
3. Wilder D. Bancroft: "Structural colors in feathers."

2:00 p.m.—Ladies' trip to Country Club.

8:15 p.m.—Smoker at Syria Mosque. Special features.

8:15 pm.—Drama school play for ladies, Carnegie Institute of Technology.

WEDNESDAY, SEPTEMBER 6

9:30 a.m.—Divisional and sectional meetings, Carnegie Institute of Technology.

10:00 a.m.—The ladies will go to the Heinz Factory and lunch there.

2:00 p.m.—Divisional and sectional meetings, Carnegie Institute of Technology.

4:00 p.m.—There will be a musicale for the ladies in the afternoon at the Twentieth Century Club.

8:15 p.m.—Public meeting, Carnegie Music Hall. Reception by the president and members.

THURSDAY, SEPTEMBER 7

9:30 a.m.-2:00 p.m.—Divisional and sectional

meetings at the Carnegie Institute of Technology.

5:00 p.m.—Garden party and supper and social evening with music and dancing at the University of Pittsburgh Faculty Club (Oak Manor), Fifth Avenue and Atwood Street.

FRIDAY AND SATURDAY, SEPTEMBER 8 AND 9

Excursions to industrial plants, etc.

All divisions and sections, as enumerated below, will meet. All divisions and sections will have two full days at their disposal if needed.

The Division of Industrial and Engineering Chemistry will include in its program on Wednesday morning a symposium on "Automatic process control." The chairman, L. W. Parsons, has arranged with various authorities to present papers, many being illustrated, bearing upon the fundamental and practical aspects of the subject.

The Water, Sewage and Sanitation Division will discuss the specifications for lime for water treatment, as a feature of the meeting.

The Biological and the Agricultural and Food Chemistry Divisions will hold a joint symposium on the subject of "Fatty foods," with Dr. David Wesson as chairman. Papers dealing with the preparation, purification, digestibility, adulteration, etc., of various fatty goods are solicited for this symposium. Vitamin papers will be included.

The Rubber Division is planning for the largest meeting in its history, as Pittsburgh is situated near the center of the rubber industry.

The Leather Division has prospects of a very large meeting at Pittsburgh. A symposium on gelatin and collagen will be a feature of the meeting.

The Dye Division is arranging a symposium on "The chemistry of the application of dyes."

The Division of Physical and Inorganic Chemistry will hold a symposium on "Recent advances in applied colloid chemistry," in cooperation with the colloid committee of the National Research Council.

The Petroleum Section hopes to perfect its divisional organization at this meeting, and will hold a short symposium on "Lubrication from the chemists' viewpoint."

A Gas and Fuel Section will hold its initial meeting at Pittsburgh, with A. C. Fieldner as chairman. Several authorities have already agreed to present papers. A symposium on "Combustion" will be held Wednesday after-

noon, with R. T. Haslam, Massachusetts Institute of Technology, as chairman.

The Section of Chemical Education is desirous of being an open forum for settling national questions in chemical education including high school, college, university and industry problems. Bring your problem for discussion. A fifty-word abstract of all papers is required before the paper is presented at the meeting.

The Cellulose Section plans a number of discussions on special topics, such as: (a) Cooperative research problems in cellulose chemistry. (b) The nature of oxycellulose and its bearing on the artificial silk, viscose and paper industries. (c) Dr. Tingle's proposed "Bromine number." (d) Absorption of salts by cellulose.

#### THE SOUTHWESTERN DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE third annual meeting of the Southwestern Division, American Association for the Advancement of Science, will be held in Santa Fé, New Mexico, on September 6 to 9 inclusive. It will immediately follow the annual Santa Fé Fiesta.

Three afternoons will be devoted to field meetings; one to a large fossil bed containing remains of extinct animals; another to the ruins at Pecos; and the other to the cliff dwellings at the Rito de los Frijoles, under the direction of Dr. E. L. Hewett.

The Santa Fé museums offer a special archeological and Indian program on the evening of the sixth. The address of the president, Dr. D. T. MacDougal, will be followed by a reception. On the evening of the seventh, the friends and associates of Mr. Springer will present to the State of New Mexico a bust of him, in appreciation of his work in the advancement of science and education.

The scientific papers will be read before five sections:

*Physical science:* Chairman, Dr. A. E. Douglass, University of Arizona and director of the Stewart Observatory.

*Social science:* Chairman, K. M. Chapman, artist of the Archeological Museums, Santa Fé.

*Biology:* Chairman, Dr. E. C. Prentiss, El Paso.

*Agriculture:* Chairman, Dr. H. L. Kent, president of the New Mexico College of Agriculture and Mechanic Arts, Mesilla Park.

*Education and psychology:* Chairman, Dr. B. F. Haight, professor of psychology, University of New Mexico.

We wish to extend a cordial invitation to attend this meeting to all members of the association who are spending the summer in the west.

ELLIOTT C. PRENTISS,  
*Chairman of the Executive Committee*

#### SCIENTIFIC NOTES AND NEWS

PROFESSOR MANGIN, director of the Paris Museum of Natural History, presided over the meeting of the French Association for the Advancement of Science held at Montpellier from July 24 to 29.

SIR JOSEPH J. THOMSON, master of Trinity College, Cambridge, was presented on July 26 with the Franklin Medal by the Franklin Institute of Philadelphia for his "signal and eminent service in science." The presentation was made by the Earl of Balfour.

THE Charles P. Daly Medal for 1922 was presented to Sir Francis Younghusband, president of the Royal Geographical Society, at the American Embassy in Great Britain on July 19 by George Harvey, the American ambassador, on behalf of the American Geographical Society. The medal was inscribed "For explorations in northern India and Thibet, and for geographical publications on the Asiatic and African borders of the empire."

At its commencement in June, Randolph-Macon College conferred the honorary degree of doctor of laws upon Rear Admiral David Watson Taylor, chief constructor, United States Navy, in recognition of his international reputation as a naval architect and his distinguished services to his country. The occasion was the near approach of his retirement from active service. Admiral Taylor is a native of Louisa County, Virginia, and was a student of Randolph-Macon College before entering upon his special training for the navy.

THE degree of doctor of science has been conferred by the University of Manchester on Mr. G. H. Hardy, Savilian professor of geometry and fellow of New College, Oxford, and