

H. Cameron, Dr. Walter B. Cannon, Dr. Anton J. Carlson, Dr. McKeen Cattell, Dr. Russell L. Cecil, Dr. A. E. Cohn, Dr. E. H. L. Corwin, Dr. Waite A. Cotton, Miss Dorothy Deming, Dr. Robert L. Dickinson, John Dorr, Dr. George Draper, Dr. Rolla E. Dyer, Dr. Martha Eliot, Dr. Kendall Emerson, Dr. Maxwell Finland, Dr. Morris Fishbein, Dr. Thomas Francis, Jr., Leslie Frank, Dr. Robert T. Frank, Walter S. Frisbie, Dr. John F. Fulton, Dr. Edward S. Godfrey, Jr., Dr. S. S. Goldwater, Dr. Leonard Greenburg, Dr. W. K. Gregory, Dr. Howard W. Haggard, Dr. John Hardenbergh, Dr. Charles G. Heyd, Dr. I. Seth Hirsch, Dr. Elliott P. Joslin, Dr. H. E. Kleinschmidt, Dr. George W. Kosmak, Dr. A. J. Lanza, Dr. Alfred J. Lotka, Dr. T. Archibald Malloch, Dr. Harvey B. Matthews, Dr. Leo Mayer, Arthur Miller, Dr. J. A. Miller, Dr. John R. Mohler, Dr. Ralph Muckenfuss, Dr. C. W. Munger, Dr. J. Oppie McCall, Frederick Osborn, Dr. Francis M. Rackemann, Dr. W. C. Rappleye, Dr. Paul Reznikoff, Dr. Cornelius P. Rhoads, Dr. Thomas M. Rivers, Dr. Milton J. Rosenau, Dr. George Ruhland, Dr. James R. Scott, Dr. Henry C. Sherman, Professor J. M. Sherman, Dr. Henry E. Sigerist, Dr. W. G. Smillie, Dr. W. F. Snow, Dr. Wm. S. Tillett, Dr. Philip Van Ingen, Dr. Augustus B. Wadsworth, Dr. W. Frank Walker, Dr. George B. Wallace, Dr. C.-E. A. Winslow, Dr. Abel Wolman.

THE TWENTIETH ANNIVERSARY OF THE DIVISION OF PETROLEUM CHEMISTRY OF THE AMERICAN CHEMICAL SOCIETY

THE Division of Petroleum Chemistry of the American Chemical Society will celebrate its twentieth anniversary by sponsoring a two-day symposium on "Analytical Methods Used in the Petroleum Industry" at the one hundred and first national meeting of the society to be held from April 7 to 11 in St. Louis.

Nineteen research reports by technologists from all parts of the country will be presented at the symposium, at which J. K. Roberts, of Chicago, research director of the Standard Oil Company of Indiana and chairman of the division, will preside. New designs for a fractionating column, an instrument to measure the viscosity of opaque liquids and a filtration cylinder will be described, together with modifications of accepted analytical techniques.

The application of chemical methods to exploration for petroleum will be discussed at a general meeting, which includes a program of ten papers. An anniversary dinner will be held by the division on the evening of April 8.

The division, of which Cary R. Wagner, chief chemist of the Pure Oil Company, Chicago, is secretary, was organized with thirty charter members in April, 1921, during a national meeting of the society at Rochester, N. Y. The first chairman was Dr. Thomas G. Delbridge, of the Atlantic Refining Company, Philadelphia.

The division now has nearly 700 members and since

1928 has sponsored seven national symposia on the problems and contributions of petroleum chemistry. With the American Petroleum Institute Committee on Hydrocarbon Research, the division maintains a "hydrocarbon bank" of pure hydrocarbons available for research, conducted by Professor C. E. Boord, of the Ohio State University.

A detailed account of the history of the division is given in the *News Edition* of the American Chemical Society.

THE CHICAGO MEETING OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY

THE Federation of American Societies for Experimental Biology, under the presidency of Dr. Andrew C. Ivy, professor and chairman of the department of physiology at Northwestern University, will meet at the University of Chicago from April 16 to 19.

The five scientific societies composing the federation will participate in the meeting. They are the American Physiological Society, of which Dr. Ivy is also president; the American Society of Biological Chemists, presided over by Dr. William C. Rose, professor of biochemistry at the University of Illinois; the American Society of Pharmacology and Experimental Therapeutics, presided over by Dr. Eugene M. K. Geiling, professor and chairman of the department of pharmacology at the University of Chicago; the American Society for Experimental Pathology, presided over by Dr. Shields Warren, assistant professor of pathology at Harvard University Medical School, and the American Institute of Nutrition, of which Dr. Thorne M. Carpenter, director of the nutrition laboratory of the Carnegie Institution in Boston, is president.

The Stevens Hotel on the Lake Front will serve as headquarters. Garage and open air parking places at moderate prices can be found within one block of the hotel. All scientific sessions and demonstrations, including the Joint Session of the federation and the Annual Smoker and Dinner, will be held at the hotel.

The Institute of Nutrition will hold its scientific sessions on Wednesday, April 16. The Joint Session of the Federation will be held on Thursday morning, April 17, after which the constituent societies will hold scientific sessions. On Thursday evening at nine o'clock the local committee will provide an informal smoker. The annual dinner will be held on Friday evening at seven o'clock.

In conjunction with the meeting of the federation, the American Association for Cancer Research will meet from April 15 to 16, and the American Association of Immunologists, from April 16 to 17. Dr. Burton T. Simpson, associate professor of pathology at the University of Buffalo, will preside over the

meetings of the American Association for Cancer Research, and Dr. Karl F. Meyer, professor and chairman of the department of bacteriology at the University of California, is president of the American Association of Immunologists. The American Association

of Anatomists also will hold its fifty-seventh annual meeting at Chicago on April 9, 10 and 11, under the presidency of Dr. Philip E. Smith, professor of anatomy at the College of Physicians and Surgeons of Columbia University.

SCIENTIFIC NOTES AND NEWS

THE doctorate of science will be conferred by the University of Wisconsin at its eighty-eighth commencement on June 23 on Dr. Herbert S. Gasser, director of the Rockefeller Institute for Medical Research.

THE Howard Crosby Warren Medal for "distinguished research" during the past five years, awarded by the Society of Experimental Psychologists, was presented at Rutgers University on March 28 to Dr. Clarence H. Graham, associate professor of psychology at Brown University, in recognition of his work in the psychology of vision. The medal was presented by Professor Carroll C. Pratt, of Rutgers University, chairman of the society.

IN recognition of "the outstanding service" rendered by Dr. William J. Gies, professor emeritus of biochemistry at Columbia University, he has been made a life member of the council of the International Association for Dental Research.

THE Society of Medical Officers of Health, London, gave a luncheon on February 21 in honor of Surgeon-General Thomas Parran, head of the United States Public Health Service, Dr. F. T. H. Wood, the president, being in the chair. The Lord Mayor of London, medical officers of health and representatives of local authorities and of the Ministry of Health attended the luncheon. Dr. George Buchan, who took the chair after the luncheon, proposed the health of Dr. Parran, and Dr. Parran replied. A private luncheon was given to Dr. Parran by the British Medical Association, at which Dr. J. E. Gordon, United States Liaison Officer with the Ministry of Health, Dr. John R. Mote, Medical Adviser to the American Red Cross Committee in London, Sir Wilson Jameson, chief medical officer to the Ministry of Health, and the principal officers and officials of the association were present.

The Experiment Station Record reports that the *Progressive Farmer's* annual award "to the man of the year" for the most outstanding service to the agricultural program in national planning, teaching, research or organization" has been made to Dr. H. P. Stuckey, director of the Agricultural Experiment Station of the University of Georgia. The official statement reads: As a result of Dr. Stuckey's "special work in the thirty-two years at the Georgia Experi-

ment Station we can list 12 superior varieties of muscadine grapes, the cabbage-collard, the now common practice of planting pollinizers in pecan groves, proof that blossom-end rot of tomatoes is due to irregular water supply. Under his supervision and friendly encouragement as director there have been developed the high-yielding Gasta and Sanford wheats, Terruf oats, Doxi soybeans and Cherokee sweet corn. An intensive peanut production research program now producing definite results has been under way since 1931. Dr. Stuckey has played a leading part in the development of the pimiento pepper, in recent years one of the leading cash crops of middle Georgia."

FIFTY scientific men—going back to Aristotle in the past, with Einstein and Millikan representing the present—are shown in a series of three paintings now on view at the New York Museum of Science and Industry, in Rockefeller Center, New York City. They are known as the "Apotheosis of Science," the work of Elmer E. Taftinger, of Indianapolis, executed for Robert Lovell, of that city. Darwin, Pasteur, Harvey, Roentgen and Audubon are among twenty-two scientific men depicted in the left panel. The center panel portrays Aristotle, Hippocrates, Euclid and Archimedes. Einstein appears in the right panel in the company of Newton, Franklin, Faraday, Descartes, Watt, Millikan and fourteen scientific men of both the Renaissance and contemporary periods.

DR. ARTHUR L. WALSH, dean of the faculty of dentistry of McGill University, was elected to the presidency of the American Association of Dental Schools at the recent annual meeting in St. Louis.

At a meeting of the University of Buffalo Chapter of the Sigma Xi on March 17 officers were elected as follows: *President*, Dr. Richard N. Jones, assistant professor of physics, to succeed Dr. Guy E. Youngburg, professor of biological chemistry; *Vice-president*, Dr. Bird R. Stephenson, instructor in biophysics; *Secretary*, Dr. Carleton F. Scofield, associate professor of psychology, and *Treasurer*, Dr. Frederick J. Holl, assistant professor of biology. Seventeen members were elected. Dr. Edward Ellery, national president, spoke on matters of interest to the society. At the initiation meeting on May 9 the annual lecture will be delivered by Professor Stacy R. Guild, of the