

istry," under the chairmanship of Professor H. S. Taylor, of Princeton University. Professor Emeritus V. N. Ipatieff, of Northwestern University, will be the guest of honor at a dinner of the division on Tuesday, April 4. He will deliver an address on "The History of Catalysis and Petroleum Chemistry."

The Division of Biological Chemistry has scheduled a symposium on "Vitamins," and the Division of Cellulose Chemistry, a symposium on "American Cellulose in 1939." The Division of Industrial and Engineering Chemistry has arranged a symposium on "Thermal Insulation," in which the Division of Petroleum Chemistry will join.

The Division of Chemical Education plans four sessions—one a joint symposium with the Division of Physical and Inorganic Chemistry on "Theories and Teaching of Acids and Bases"; another devoted to a group of papers on chemical education in high schools; a third, for student papers; and, finally, a session for miscellaneous papers within the field of the division. Hundreds of teachers in the colleges, universities, secondary and elementary schools in the nation will take part.

The Division of Physical and Inorganic Chemistry will present a symposium on "Fundamentals of Heterogeneous Catalysis," with Professor Taylor as chairman. "The Application of Micro- and Semimicrochemistry to Industry" will be the subject of a symposium of the Division of Microchemistry, with Dr. G. E. F. Lundell, of the National Bureau of Standards, as chairman.

The Division of the History of Chemistry announces two sessions, one of which, jointly with the Division of Medicinal Chemistry, will be devoted to a symposium on the "History of Medicinal Chemistry in Baltimore." Dr. Henry E. Sigerist, director of the Institute of History of Medicine of the Johns Hopkins School of Medicine, will be a principal speaker. Professor Krantz will present a paper on "The History of Pharmacology in Baltimore."

The Division of Rubber Chemistry will feature a symposium on "Synthetic Rubber and Elastic Polymers." Other symposia will include "Industrial Utilization of Dairy Products" and "Colloids and Water and Waste Treatment."*

Six sessions will be held by the Division of Organic Chemistry, four by the Division of Paint and Varnish Chemistry, two by the Division of Sugar Chemistry and Technology, and two by the Division of Gas and Fuel Chemistry.

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

THE Federation of American Societies for Experimental Biology will meet in Toronto from April 26 to 29. The Royal York Hotel will be the headquarters, and all scientific sessions, motion pictures and state demonstrations will be held in this hotel. The federation is formed by the union of the American Physiological Society, the American Society of Biological Chemists, the American Society for Pharmacology and Experimental Therapeutics and the American Society for Experimental Pathology.

Dr. Glenn E. Cullen, of the University of Cincinnati, will be chairman of the federation by virtue of his election at the recent Baltimore meeting as president of the American Society of Biological Chemists. Dr. Walter E. Garrey is president of the American Physiological Society; Dr. Arthur L. Tatum, of the University of Wisconsin, of the American Society for Pharmacology and Experimental Therapeutics, and Dr. C. Phillip Miller, of the University of Chicago, of the American Society for Experimental Pathology.

The scientific sessions will begin on Thursday morning, April 27. Wednesday will be available for visiting the University of Toronto and other points of interest. The American Institute of Nutrition will meet in the King Edward Hotel, about four blocks away, on this day. On Thursday evening at 9 o'clock the local committee will provide an informal smoker. The annual dinner will be held on Friday evening.

The American Physiological Society will hold two symposia, one on "Carbohydrate Metabolism" and the other on "The Synapse." A joint symposium will be held with the Biochemical Society on "The Red Blood Cells."

Members of the local committee are: Dr. V. E. Henderson, *chairman*; Dr. N. B. Taylor, *secretary*; Dr. E. T. Waters, *treasurer*; Dr. G. E. Hall, Dr. A. M. Wynne, Dr. D. Y. Solandt, Dr. G. H. Lucas, public information; Dr. R. A. Cleghorn, Dr. G. L. Duff, Dr. P. H. Greey, Dr. W. R. Campbell, Dr. J. K. W. Ferguson, Dr. D. A. Irwin, Dr. K. C. Fisher and B. F. Crocker.

THE SIXTH PACIFIC SCIENCE CONGRESS

ANNOUNCEMENT has been made by the National Research Council that the Sixth Pacific Science Congress will be held in San Francisco and vicinity during the period, July 24 to August 12, 1939, under the auspices of the council. The fifth congress in this series was held at Victoria and Vancouver, B. C., in 1933, under the auspices of the National Research Council of Canada, and previous congresses have been held at three-year intervals in other countries of the Pacific region.

Sessions of the sixth congress will be held at Stanford University and at the University of California at Berkeley, as host institutions on this occasion, and certain public functions and other sessions of the congress will be held in "Pacific House" on the grounds of the Golden Gate International Exposition through courtesy of the Department of the Pacific Area of the Exposition. The general arrangements are in charge of the standing Committee on Pacific Investigations of the National Research Council, of which Dr. Herbert E. Gregory, director emeritus of the Bishop Museum in Honolulu, is the chairman. Responsibility for completing the program and for local arrangements is in the hands of a Committee on the Sixth Pacific Science