

In a limited number of instances the board has made it possible for distinguished scientists to travel to other countries, not for the purpose of completing their training by a period of concentrated study, but in order to meet their colleagues of equally advanced standing, and exchange professional experience as it relates to problems and technique. Appropriations have also been made to enterprises or institutions of international importance. The sum of \$35,000 was contributed toward the cost of preparing and publishing a set of International Critical Tables, under the direction of the National Research Council of Washington. The board likewise agreed, for a limited period and in a limited amount, to underwrite the publication of the proceedings of the London Mathematical Society. Six hundred thousand Danish kroner were appropriated toward the enlargement and consolidation of related departments under an Institute of Zoöphysics at Copenhagen, Denmark. Two grants of \$10,000 each were made to the Junta para Ampliación de Estudios Científicos at Madrid—one for the purchase of equipment urgently needed, the other toward maturing plans for the development of an Institute of Physics and Chemistry. The needs of the Institut für Radiumforschung at Vienna, and its importance as a center of physical research for south-eastern Europe, explain an appropriation for the purchase of necessary supplies and apparatus. Similarly, a contribution of \$3,000 was made to the Rijks University at Utrecht toward special equipment for physical research. In all these cases the board gave consideration not only to the requirements of the institution as such, but also to the relative rank which the institution has attained in its field. Other appropriations were made for the promotion of agriculture.

THE CHICAGO MEETING OF THE AMERICAN ELECTROCHEMICAL SOCIETY

THE American Electrochemical Society will hold its annual convention at the Chicago Beach Hotel, April 22, 23 and 24. The local committee on arrangements includes the following members: Dr. H. C. Cooper, *chairman*, Professor S. C. Langdon, *secretary*, R. G. Bowman, William Bray, E. W. Engle, W. R. Fetzer, Edward Gudeman, William Hoskins, G. H. Jones, W. Bartlett Jones, H. N. McCoy, H. T. McKay, A. F. McLeod, George R. Mitten, W. W. Murray, A. J. Weith and Fred E. Winslow. The committee has been active in arranging for what promises to be a successful meeting.

The main attraction of the technical program is a symposium on chlorine of which Mr. D. A. Pritchard is chairman. For many years there has been an overproduction of chlorine in the electrolytic chlorine industry and manufacturers throughout the world are interested in finding new uses for the gas. Besides the

technical papers in the chlorine symposium, there will be a number of papers dealing in particular with the scientific aspects of the chemical and physical characteristics of chlorine.

On Friday morning the retiring president of the society, Mr. F. M. Becket, vice-president of the Electrometallurgical Corp., will deliver an address on "Modern Requirements in the Education of an Engineer." Following this address, the meeting will be devoted to miscellaneous electrochemical papers. The Saturday morning session of the meeting will be devoted to papers on electrolytic refining and plating of metals.

The luncheon Thursday noon will be devoted to round table discussions: one on the selection of proper plating metals, at which Mr. F. J. Liscomb, of the Hanson & Van Winkle Company, will preside; the other on comparative merits of electric and fuel-fired furnaces, in charge of Mr. Wm. J. Priestley, of the Electrometallurgical Corp.

There will be two general lectures. On Thursday evening Mr. Wm. J. Orchard, of Wallace & Tiernan, will speak on "Chlorine in Sanitation." On Friday evening, Major Rufus W. Putnam, U. S. District engineer, Chicago, will lecture on "Industry, Transportation, and City Building." The lecture by Major Putnam will follow a joint dinner of the American Electrochemical Society with the Chicago Section of the American Chemical Society.

The Local Committee has also arranged for visits to industrial plants in the vicinity of Chicago. It is planned to spend half a day at the Hawthorne Works of the Western Electric Company, and to visit the great Crawford power plant of the Commonwealth Edison Co., and the large modern Koppers Bi-Product Coke Plant.

CHEMISTRY AT NEW YORK UNIVERSITY

PROFESSOR JAMES KENDALL, of the department of chemistry of Columbia University, has accepted an offer from New York University to assume the position of administrative head of the department of chemistry in the Washington Square College of the University. The introduction of courses in chemistry in Washington Square College was made only during the last few years, but under the direction of Professor W. C. MacTavish the department has shown rapid growth so that a reorganization and extension, both of the laboratories and of the teaching, have been necessary. It is now planned to amplify the undergraduate courses in chemistry at present given at Washington Square College. The courses offered, in conjunction with the graduate courses at University Heights, will accommodate not only college and pre-professional students, but also more advanced workers in the science, such as students for the degrees of