

ing the proposed institution must be borne outside of Puerto Rico, which already is contributing as much as it can toward maintenance of the present university.

Operating costs are estimated at about \$1,250,000 a year after the institution "gets well under way," and during the first few years there would be in addition capital expenditures for erecting and equipping essential buildings.

Responsibility for the undertaking must be assumed chiefly by the United States Government, with as much assistance as possible from private foundations and individuals and from universities throughout the Americas.

THE NEW YORK MEETING OF THE ELECTROCHEMICAL SOCIETY

THE seventy-sixth meeting of the Electrochemical Society, an international organization, will open at the Hotel Commodore, New York City, on Monday morning, September 11, and will continue through Wednesday evening, September 13.

The session on Monday morning, which is in charge of Professor Hiram S. Lukens, of the University of Pennsylvania, will be devoted to "Modern Methods in Electro Analysis." Experts in the field will describe how, with the aid of the electric current, accurate analyses can be carried out in a few minutes, as against hours consumed in ordinary chemical analysis. The Tuesday morning session on "Corrosion" is in charge of Dr. Robert B. Mears, of the Aluminum Company of America. No other subject is of more general and vital interest to both scientific men and engineers. Twelve papers will be presented covering the latest findings of research laboratories, including those of the National Bureau of Standards, the University of Cambridge, the Separator Laboratories of Stockholm, of Vienna, Berlin, Prague, Princeton, Pittsburgh and Philadelphia. The Wednesday morning session will cover electrochemical subjects of a general nature, including the electrometallurgy of lead, silver, nickel, manganese and arsenic and a paper on the cadmium-nickel storage battery.

Monday, September 11, has been set aside by the New York World's Fair as Electrochemical Day. In the afternoon Professor Bradley Stoughton, of Lehigh University, will give a popular illustrated address on "Modern Marvels of Electrometallurgy." The meeting will be held in the Science and Education Building at the World's Fair Grounds and will be open to the public. On Tuesday evening the Edward Goodrich Acheson Medal dinner will be given at the Hotel Commodore, when the Acheson Medal and \$1,000 Prize will be presented to Dr. Francis Cowles Frary, director of the Research Laboratories of the Aluminum Company of America. Following the dinner and medal ceremonies there will be dancing.

LECTURES AT THE DUNDEE MEETING OF THE BRITISH ASSOCIATION

AN extensive program of lectures was arranged for the Dundee meeting of the British Association for the Advancement of Science, the inaugural general meeting of which was held on the evening of August 30, when Sir Albert Seward delivered his presidential address. This is printed in the present issue of SCIENCE.

The evening lectures, several of which already have been announced, include:

Saturday, September 2

Public lecture by Dr. M. A. H. Tincker on "Science in Gardening—Making More Plants."

Sunday, September 3

Division for the Social and International Relations of Science. Address by Sir Richard Gregory, Bt., F.R.S., chairman of the division, on "Science and Social Ethics."

Tuesday, September 5

The British and American Association Lecture, being the first lecture under the arrangement concluded in 1938, between the British and the American Associations for the Advancement of Science, by which, in alternate years, an American speaker will address the British Association and a British speaker the American Association: Dr. Isaiah Bowman, president of the Johns Hopkins University, on "Science and Social Pioneering." A public lecture, at University College, by Dr. D. A. Spencer on "Some Aspects of Color Photography," is announced for the same evening.

In addition to lectures to be given before the association in Dundee public lectures have been arranged in neighboring places. These are:

Arbreath, September 1. Professor Allan Ferguson on "Splashes and What They Teach."

Brechin, September 5. Dr. G. B. Harrison on "Color Photography."

Carnoustie, September 5. Sir Gilbert Walker, F.R.S., on "The Dynamics of Sport."

Cupar, September 1. Professor J. L. Myres on "Nomadism."

Dunfermline, September 5. Professor W. T. Gordon on "Gem Stones."

Forfar, September 5. Sir John Russell, F.R.S., on "The Comparative Value of Organic as against Inorganic Manures."

Montrose, C. W. N. Lock on "The Work of the Aerodynamics Department of the National Physical Laboratory."

Perth, September 1. Dr. C. G. Darwin, F.R.S., on "Cold Temperatures."

St. Andrews, September 1. Dr. W. T. Calman, F.R.S., on "The British Museum (Natural History)."

A lecture for school children, illustrated by zoological films, will be given by Donald Alexander on September 5.