

WHEREAS, The Northwest Research Foundation proposes to support researches at the University of Minnesota having for their object the development of new uses for the natural resources and products of the State of Minnesota and the Northwest,

Be it Resolved, That the Regents of the University of Minnesota approve and authorize the proper officers to execute the following memorandum of agreement between the Northwest Research Foundation and the University of Minnesota.

Be it Further Resolved, That the Regents of the University of Minnesota direct the president of the university to create within the university a research institute to be known as the Northwest Research Institute which shall have the responsibility of carrying into effect the terms of this agreement. The institute shall be administered by a director who shall be appointed by the president of the university, subject to the approval of the Board of Regents.

CHEMISTRY AND GEOLOGY AT THE BOSTON MEETING OF THE AMERICAN ASSOCIATION

THE Section of Chemistry of the American Association for the Advancement of Science, which meets in Boston from December 27 to January 2, will have three sessions for contributed papers. One of these will be devoted to physical chemistry and another to chemistry related to biochemistry and medicine.

For a joint session with the Section of Social and Economic Sciences a symposium has been arranged entitled "The Chemical Revolution." It will deal with the economic significance of chemistry. Papers will be given concerning the repercussions of chemical changes upon international trade, the effects of chemical progress upon the relations between industries, the economic readjustments resulting from progress in chemical technology, and the possible future economic changes indicated by our present research progress.

The address of the retiring vice-president, Dr. Frank C. Whitmore, on "Some General Aspects of the Polymerization and Depolymerization of Olefins," will be given at 2 o'clock on the afternoon of December 29. In the evening the Northeastern Section of the American Chemical Society will cooperate with Section C in an informal dinner and evening meeting, when it is expected that an address will be given on the subject of "Nutrition."

Professor Arthur B. Lamb, of Harvard University, is vice-president of the association and chairman of

the section; J. H. Simons, 6217 N. Talman Avenue, Chicago, Illinois, is secretary. Titles and abstracts of contributed papers should be in the hands of the secretary before November 20.

Titles of papers, accompanied by abstracts of approximately two hundred and fifty words, intended for presentation at the meeting of Section E, geology, should be submitted to Dr. Kirtley F. Mather, secretary of Section E, Geological Museum, Cambridge, Massachusetts, not later than November 15. Section E will meet for the reading of technical papers during the forenoon and afternoon of Wednesday, December 27. If necessary an additional session will be held on Thursday morning. The address of the retiring vice-president, Professor William H. Hobbs, of the University of Michigan, will be delivered at 11:00 A. M., on December 28. It is expected that the majority of papers on the program will deal with the geology of New England and topics related thereto.

RECENT DEATHS

DR. SAMUEL FRANKLIN ADAMS, of New York City and White Plains, specialist in internal medicine and until two years ago head of the metabolism division of the Mayo Clinic at Rochester, Minnesota, died on September 28, at the age of thirty-seven years.

DR. ARTHUR DERMONT BUSH, professor of physiology and pharmacology at Emory University until his retirement in 1927, died on September 6, at the age of fifty-eight years. Dr. Bush had previously been connected with Olivet College and the universities of Southern California, Missouri and North Dakota.

JOHN EDWARD MARR, emeritus professor of geology at the University of Cambridge, died on October 2, at the age of seventy-six years.

WILLIAM HOPE FOWLER, the British radiologist, died on October 5, at the age of fifty-seven years. Although he had retired at the age of fifty years as chief surgical radiologist of the Edinburgh Infirmary, he continued to carry on his experiments with radium. His death was directly due to this work.

DR. F. S. PEPPERDENE, the well-known British radiologist, died in Quebec on September 25 of x-ray burns. He was seventy years old.

DR. P. EHRENFEST, professor of theoretical physics at the University of Leiden, committed suicide on September 25.

SCIENTIFIC NOTES AND NEWS

THE degree of doctor of science was conferred by Lehigh University on October 4 on Dr. Hans Zinsser, professor of bacteriology and immunology at the Harvard Medical School. Dr. Zinsser gave on that day the Founders' Day address.

PROFESSOR EDWARD W. BERRY, vice-president of the Johns Hopkins University, has returned to Baltimore after spending the summer in Venezuela. While there he was awarded a gold medal by the Venezuelan Ministry of Education.