

Croes Medal to E. C. Hartman, of the Aluminum Research Laboratories of New Kensington, Pa.; the James Laurie Prize to Leon S. Moisseiff, who designed the Queensboro and Manhattan bridges and was consultant on such bridges as the George Washington, Golden Gate, Whitestone and many others.

The Arthur M. Wellington Prize was presented to Charles M. Noble, engineer, for the Pennsylvania Turnpike Commission, Harrisburg; the Collingswood Prize for Junior Engineers was presented to Douglas M. Stewart, of the Ingersoll-Rand Company, New York.

Five honorary memberships, given to outstanding engineers, were conferred on the following: C. Frank Allen, professor emeritus, Massachusetts Institute of Technology; Anson Marston, past-president of the society and dean emeritus of engineering, Iowa State College, Ames, Iowa; Arthur S. Tuttle, past president of the society, who has spent most of his life in the service of New York City in an engineering capacity; Frank E. Weymouth, general manager and chief engineer of the Metropolitan Water District of Southern California, who has just completed the Los Angeles Aqueduct, and Edward E. Wall, director of public utilities for St. Louis, who was represented by F. G. Jonah, chief engineer for the St. Louis-San Francisco Railway.

SCIENTIFIC RESEARCH UNDER THE FEDERAL GOVERNMENT

ACCORDING to an Associated Press dispatch, President Roosevelt commended "to the consideration of the Congress" on January 23 a compilation of the activities of federal agencies in the field of research.

The report, prepared by the National Resources Committee, discussed federal research in medicine, agriculture, economics, public administration, etc. It suggested the coordination of such efforts.

Mr. Roosevelt's message follows:

I transmit herewith for the information of the Congress

a report entitled "Research—A National Resource" compiled by the National Resources Committee.

This report deals with the relation of the Federal Government to research. Subsequent reports in this field will cover research by colleges, universities and foundations, by business organizations, by the industrial laboratories and by the state and municipal governments.

The dependence of civilization on science is universally recognized, but the extent of the activities of private and public agencies carrying on scientific inquiry is not generally known. It is unlikely that large numbers of our people have any adequate realization of the services which are being rendered by the executive agencies of the Federal Government through scientific researches in medicine, agriculture, economics, public administration and the other natural and social sciences.

This report indicates the new emphasis in recent years on activities in the social science fields and stresses the need for effective coordination of all agencies engaged in research in order to achieve the solution of many of our more difficult problems.

I commend the report to the consideration of the Congress.

In the report, the committee recommended these steps:

Further studies on work of the advisory committees which cooperate with federal research agencies and on research being done by states and municipalities.

Improvement in methods of recruiting research workers for government service.

Authorization for government research agencies to contract for cooperation with recognized private research organizations.

Financial support for international scientific meetings and encouragement of American participation in them.

Organization of government research so as to avoid the possibilities of bias.

Encouragement of decentralized research outside of the government.

Further interrelation of governmental research agencies by organization of central councils similar to those formed by private research.

SCIENTIFIC NOTES AND NEWS

DR. EDWARD R. WEIDLEIN, director of the Mellon Institute, Pittsburgh, Pa., has been presented with a Meritorious Service Medal of the State of Pennsylvania for "his outstanding contributions to industrial science."

DR. ARNO B. CAMMERER, director of the National Park Service, received the gold Cornelius Amory Pugsley Medal for park service in 1938 at the forty-fourth annual meeting in New York City on January 16 of the American Scenic and Historic Preservation Society.

THE Oersted Medal of the American Association of Physics Teachers, established through the generosity

of an anonymous donor, was awarded for 1938 to Professor Alexander Wilmer Duff, professor emeritus of physics at the Worcester Polytechnic Institute. The award was made at the annual meeting of the American Association of Physics Teachers in Washington, D. C., on December 30.

THE Robert W. Hunt Award of the American Institute of Mining and Metallurgical Engineers for 1939 will be made to K. C. McCutcheon and John Chipman for their paper on "Evaluation of Gases from Rimming-Steel Ingots." The award of the Institute of Metals Division will be made to Frederick N. Rhines and Robert F. Mehl in recognition of their