

For the Carnegie Institute of Technology:

For expenses over a period of 25 years	5,640,000
For repairs and replacement of equipment	350,000
For a gymnasium, the planning of which is to begin at once.....	600,000
Total	\$9,262,888

CONDITIONAL UPON ADDITIONAL SUMS BEING
RAISED

For the Carnegie Institute of Pittsburgh:

To accrue in 15 years on condition that an equal amount is raised for endowment of educational work of the Museum and Art Gallery.....	\$ 200,000
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For the Carnegie Institute of Technology:

Maximum to be paid by July 1, 1946, on a basis of \$2 for every \$1 raised from other sources.....	8,000,000
Total	\$8,200,000

SUMS TO BE RAISED FROM OUTSIDE SOURCES

For the Carnegie Institute of Pittsburgh:	\$ 200,000
For the Carnegie Institute of Technology	4,000,000
Total	\$4,200,000

From Mr. Carnegie during his lifetime and later from the Carnegie Corporation, the two Carnegie Institutes in Pittsburgh have already received \$27,654,594.51, and the present program supplements those funds. Consumption of the financial arrangements now entered into will result as follows:

Previous appropriations made by Mr. Carnegie and the Carnegie Corporation	\$27,654,594.51
Present outright appropriations...	9,262,888.00
Present appropriations, conditional upon raising funds from other sources	8,200,000.00
Sums to be raised from other sources	4,200,000.00
Grand total	\$49,317,482.51

MEETINGS OF BRITISH AND AMERICAN
CHEMISTS

JOINT meetings will be held this autumn by chemists of Great Britain, Canada and the United States. Members of the Society of Chemical Industry of Great Britain will join with the Canadian branch of their organization in sessions in Montreal late in August. The scientific and business sessions will center at McGill University, where there will be a special convocation. The Canadian and British chemists will inspect numerous plants and will proceed to Ottawa and Toronto, where they will be entertained by the local sections. On September 5 they will reach Niagara Falls, where they will view the vast establishments which modern physics and chemistry have created.

The members will then cross the border, being met by a committee of the American section of their society and conducted through the industrial plants on this side of the Falls. Dinner will be served at Buffalo, and on their arrival at Syracuse, they will have luncheon with the Solvay Process Company. The chemists will then go to Albany and New York City, where they will be welcomed by the American Section of the Society of Chemical Industry.

Elaborate arrangements for the reception of the chemists will be carried out, through the coordinating committee, of which Dr. B. C. Hesse is chairman and Dr. Allen Rogers is secretary. The festivities, meetings and entertainments which will follow are designed to bring into closer bonds all chemists of Anglo-Saxon stock.

The fall meeting of the American Chemical Society, with its 15,500 members, is to be held in New York City from September 6 to 10, inclusive. The first contact will be at a lawn party, to be given on the afternoon of September 7 to foreign guests and to scientific societies at Columbia University. Other societies asked to participate in the welcoming of the visitors from abroad are: The American Electrochemical Society; the American Institute of Chemical Engineers; the American Section of the Société de Chimie industrielle;

and the Manufacturing Chemists' Association of the United States. The foreign guests have also been invited to the smoker and entertainment of the American Chemical Society, which will be held on the evening of Wednesday, September 7.

Scientific sessions of the American Chemical Society, in which many matters concerning chemical research and applied chemistry will be discussed, are to be held at Columbia University. To these meetings the British and Canadian guests have been bidden. They will also be present at the banquet of the American Chemical Society on the evening of September 9 at the Waldorf-Astoria.

The fortnight beginning September 12 will be dedicated to American chemistry in all its phases, for it marks the holding of the National Exposition of Chemical Industries, which is to be held in the Coast Artillery Armory in the Bronx. There will be brought together under one roof a demonstration of what has been accomplished in this country since the European War in adapting the resources of the United States to national needs.

ORGANIZATION OF MEMBERS OF THE AMERICAN ASSOCIATION AT THE PENNSYLVANIA STATE COLLEGE

At the Pennsylvania State College, State College, Pa., the members of the American Association for the Advancement of Science, numbering about forty, met for dinner at the University Club on May 20. Professor A. J. Wood, of the school of engineering, presided. The speaker of the evening, Dr. Ira N. Hollis, president of the Worcester Polytechnic Institute, outlined the types of research suitable for educational institutions as differentiated from the purely applied types of investigations more appropriately undertaken by commercial firms. Dr. Hollis regretted that so much of the scientific effort of this age has had to go into methods of destruction of all that civilization has built up, and spoke in the highest terms of the utility of such researches as that of Professor Michelson in perfecting methods of accurate astronomical measurements which aid humanity in a comprehension of the immensity of the universe.

A discussion of the status and the prospects for scientific research at the institution was led by the deans of the various schools and the president of the college. A committee will plan for further meetings next year.

SCIENTIFIC NOTES AND NEWS

COLUMBIA UNIVERSITY at its commencement exercises conferred the degree of doctor of science on Mme. Curie, Dr. John C. Merriam, president of the Carnegie Institution of Washington, and Dr. Samuel W. Lambert, dean emeritus of the school of medicine. The degree of doctor of laws was conferred on Dr. James Rowland Angell, president elect of Yale University. The candidates were presented by Dr. James F. Kemp, professor of geology.

THE Case School of Applied Science has conferred the doctorate of science on Albert Sauveur, professor of metallurgy and metallography in Harvard University.

PROFESSOR JOHN M. COULTER, of the University of Chicago, and Dr. Samuel Garman, of the Harvard Museum of Comparative Zoology, have been elected foreign members of the Linnean Society of London.

THE Franklin Institute has conferred its Franklin medal and certificate of honorary membership on Professor Charles Fabry, of the University of Paris, for his studies in the field of light radiation.

PROFESSOR ALBERT EINSTEIN sailed for Liverpool on the *Celtic* on May 30. He will deliver the Adamson lecture of the University of Manchester. He will afterwards lecture at King's College, London, and other institutions.

MME. CURIE was given on May 26 the degree of doctor of laws by the University of Pittsburgh, being presented by Dr. W. J. Holland. During the day she visited the laboratories where was refined the gram of radium presented to her by President Harding on behalf of American women. On the following day she went to Canonsburg, Pa., to inspect the plant where the ore from which radium is obtained passes through the initial processes of