

of the American Society for Testing Materials Committee E-13 on Absorption Spectroscopy. He is currently the chairman of a committee of the National Research Council on the presentation of absorption spectra data. He has recently been chosen as Sigma Xi lecturer and was lecturer in 1956 on the special Perkin centennial program on dyes of the Chemical Society of London. His service during the war on high-level advisory boards for intelligence, defense, and atomic energy activities was recognized by a

Presidential citation. His accomplishments in science resulted in his election to the National Academy of Sciences in 1954 and in the award of an honorary degree of doctor of science by Whitman College in 1955.

Brode is a member of a well-known scientific family. He was one of triplet sons, Malcolm, Wallace, and Robert, of Dr. and Mrs. Howard S. Brode. His father was for 40 years professor of biology at Whitman College in Walla Walla, Washington. His oldest brother, Stanley,

is professor of zoology at the Santa Monica City College in California. Malcolm, who died in 1943, was a professor of zoology at Beloit. Robert is professor of physics at the University of California in Berkeley.

The American Association for the Advancement of Science is to be congratulated on its new president, Wallace R. Brode, a man who by heredity and achievement is eminently qualified to carry on the traditions of the organization.

AAAS Council Meeting, 1956

Dael Wolfe

The 1956 meeting of the Council of the American Association for the Advancement of Science was held in New York City during the Association's annual meeting. The two sessions were convened at 4 P.M. on 27 Dec. and 9 A.M. on 30 Dec. Paul B. Sears, president of the Association, presided over both sessions. The meeting was the largest in the Association's history, with 156 present at the first session, and 108 at the second.

Elections and Officers

By mail ballot prior to the meeting, the Council elected Wallace R. Brode as president-elect, and elected Alan T. Waterman and reelected Paul E. Klopsteg to 4-year terms on the Board of Directors. The board announced that it had elected William W. Rubey to serve the unexpired year of Brode's term as a member of the Board of Directors. Also elected by the Council were the vice presidents and chairmen of sections whose names appear on pages 282-283 as part of the complete list of Association officers. By vote of the Council, the Board of Directors was authorized to elect vice presidents and chairmen for those sections whose recommendations had not been received at the time of the meeting.

The Council elected Karl M. Wilbur to a 2-year term on the Nominating Committee.

Constitution and Bylaws

Upon recommendation of the Committee on Affiliation and Association, the Council voted to abolish the category of associate and to change the status of all societies listed as associates of the AAAS to the status of affiliates. The specific constitutional changes that were voted by Council were (i) to change the title of Article VIII from "Affiliates and Associates" to "Affiliated and Participating Organizations"; (ii) to delete Section 3 of Article VIII; and (iii) to renumber Section 4 of Article VIII as Section 3.

Resolutions

Upon recommendation of the Interim Committee on the Social Aspects of Science, Council passed the following resolution:

"WHEREAS one of the purposes of the AAAS is 'to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and appreciation of the importance and promise of the methods of science in human progress'; and whereas the present rapid advance of science is accompanied by social problems of unprecedented magnitude that affect human welfare; therefore be it resolved that in recognition of the responsibility of scientists to participate in deliberations re-

garding the use made of new scientific knowledge, the Council of the AAAS authorizes the president to continue the work of this committee by appointing an enlarged group for the purpose of defining the problems, assembling the relevant facts, and suggesting a practical program, to be submitted to the AAAS Board of Directors, to implement the objectives of the AAAS in this regard."

Upon recommendation of the Committee on Resolutions, Council passed the two following resolutions:

"BE IT RESOLVED that the American Association for the Advancement of Science join with the National Academy of Sciences-National Research Council in the expression of admiration and sympathy for fellow-scientists in Hungary. Be it resolved further that the facilities of the AAAS and its affiliated societies be employed to aid in the placement of refugee Hungarian scientific and technical personnel and to render such other assistance as may be appropriate."

"The Council of the American Association for the Advancement of Science wishes to express its appreciation to the General Chairman and the members of the local committees, and to their institutions and organizations, for the highly effective work that resulted in the successful arrangements for the 123rd annual meeting."

Upon recommendation of the Committee on Resolutions, a resolution requesting the United States National Committee for the International Geophysical Year to seek means of cooperating with biologists in order that biological studies might be better represented in the program of the International Geophysical Year was returned to its authors with the suggestion that the resolution might better be submitted through the American Institute of Biological Sciences.

The Council decided not to endorse a resolution proposed by the Committee on Resolutions that dealt with the freedom of teaching and research and the effects upon such freedom of the large

increases in college and university enrollments and the increased dependence of college and university research budgets on federal funds. Council voted to return the resolution to the committee with a request that it be reconsidered and submitted to the Board of Directors.

Publications

The chairman of the Board of Directors, George Beadle, reported that the board, the Committee on Publications, the Board of Editors, and the Association's staff had studied the two journals *Science* and *The Scientific Monthly* and the possibility of merging those journals, and that the result of a series of discussions among these groups was the recommendation to merge the two journals into a single one that would retain the format of *Science*. Graham DuShane, editor, explained that the merger would be advantageous in that the editorial staff

could concentrate on a single journal that he expected to be better than either of its predecessors, that the Association would send the same journal to all of its members, and that the wasteful duplication of material that must now be published in both would be avoided. The present character of *The Scientific Monthly*, he explained, would probably be retained in a special monthly issue of the new *Science*. The executive officer, Dael Wolfe, explained that the merger would increase publication costs and decrease revenue, and that the net change in financial position would amount to approximately \$75,000 a year. Eventually, however, the merger should be financially profitable, for the larger circulation of the combined journal would make it a more attractive advertising medium and its improved quality would make it more attractive to prospective members. Because of the financial problems involved, the Board of Directors, in voting to approve the merger, did not

specify the time at which it would become effective, but left the date for later determination.

Upon motion from the floor, Council voted to endorse the proposed merger of *Science* and *The Scientific Monthly*.

With respect to the year's record, the executive officer reported that the circulation of *Science* had increased by 3000 during 1956 and that the circulation of *The Scientific Monthly* had increased by 1400. A substantial portion of these increases was associated with a growth in membership of 2300 during the year. He also reported that DuShane, who had accepted appointment as editor on a trial basis at the beginning of 1956, had decided to remain with the Association on a permanent basis.

Affiliates

Upon recommendation of the Committee on Affiliation and Association, and with endorsement by the Board of Directors, Council voted to change the status of the American Institute of Biological Sciences from associate to affiliate and to elect the following eight organizations as affiliates: American Geological Institute, American Institute of Physics, Association for Computing Machinery, Cooper Ornithological Society, National Council of Teachers of Mathematics, Operations Research Society of America, Society for Economic Paleontologists and Mineralogists, Tau Beta Pi.

Other Business

John R. Mayor, director of the Association's Science Teaching Improvement Program, reported on the progress made in efforts to improve the teaching of science and mathematics and described some of the activities of the Science Teaching Improvement Program.

The executive officer reported the loss to the Association of the services of John A. Behnke, formerly associate administrative secretary, who resigned during 1956 to accept appointment as vice president of the Ronald Press Company.

Upon motion made from the floor, Council voted to authorize the Board of Directors to consider ways by which the interest of the past presidents of the AAAS may be maintained and their wisdom and experience utilized to the benefit of the Association.

Financial Matters

The treasurer, Paul A. Scherer, reported that the Board of Directors had adopted the accompanying budget for the year 1957.

The executive officer reported that preliminary estimates of income and expense figures for 1956 indicated that income would be perhaps \$30,000 above

AAAS Operating Fund Budget, 1957: Receipts

Item	Estimated receipts
Dues of annual members	\$315,000
Journal subscriptions	3,950
Members' special subscriptions	23,000
<i>Science</i> and <i>The Scientific Monthly</i>	
Nonmember subscriptions	
<i>Science</i>	\$ 48,000
<i>The Scientific Monthly</i>	21,000
	69,000
Miscellaneous sales	
<i>Science</i>	1,600
<i>The Scientific Monthly</i>	1,300
	2,900
Advertising	
<i>Science</i>	230,000
<i>The Scientific Monthly</i>	15,000
	245,000
Sale of:	
Microcards	450
Binders	1,600
Symposium volumes	23,000
Emblems	1,600
Other sales	600
	27,250
Meeting	
Registrations and program sales	7,500
Program advertising	2,000
Contributions	5,000
Expositions	
Booth space	11,000
Science library	1,200
	26,700
Rental receipts	22,000
Income from investments	8,000
Cash discounts	400
Other receipts	200
Overhead	16,500
Total receipts	\$759,900

AAAS Operating Fund Budget, 1957: Expenses

Item	Estimated expenses per item	Estimated expenses (totals)	Limits on individual items
General administrative expenses			
Salaries	\$190,000		\$220,000
Insurance, retirement, and social security	12,850		14,500
Building maintenance	40,780		44,000
Interest on mortgage	7,300		7,400
Office supplies	18,000		20,000
Telephone and telegraph	3,000		3,800
Postage and freight	12,500		13,500
Travel	3,500		5,000
Miscellaneous	9,350		12,800
		\$297,280	
Printing and manufacturing			
<i>Science</i>	260,000		275,000
<i>The Scientific Monthly</i>	63,000		66,000
Symposium volumes	22,000		27,000
Binders	1,200		1,500
Microcards	280		350
Emblems	500		1,200
		346,980	
Annual meeting			
Meeting and exposition	19,000		21,000
Press service	5,000		5,500
		24,000	
Sections, divisions, board, and committees			
Section expense	5,000		5,800
Division allowance	7,900		8,300
Board of directors	6,000		6,500
Editorial board	9,000		10,000
Other committees	5,000		6,000
		32,900	
Depreciation			
Building	23,200		
Furniture and equipment	6,000		
		29,200	
Advertising		54,000	64,000
Miscellaneous		300	
Executive officer's discretionary fund		5,000	
Contingencies and new activities		10,000	
Total operating expenses		\$799,660	

AAAS Officers, Committees, and Representatives for 1957

Following are the officers, committee members, and representatives of the American Association for the Advancement of Science. (Dates in parentheses indicate year of expiration of term.)

President: Laurence H. Snyder (1958), University of Oklahoma
 President Elect: Wallace R. Brode (1959), National Bureau of Standards
 Retiring President and Chairman of

the budgeted amount and that expenses would be in the neighborhood of \$13,000 less than the budgeted amount. Income and expense for 1956 are expected to be in approximate balance. He also reported receipt during 1956 of the following gifts and grants:

\$100,000 from the Carnegie Corporation of New York as the second year's portion of a \$300,000 grant for a 3-year period to support the Association's Science Teaching Improvement Program;

\$6000 from the Carnegie Corporation of New York to support a conference on the teaching of mathematics;

\$65,000 from the National Science Foundation to support the Traveling Science Libraries;

\$10,000 from the National Science Foundation for the Gordon Research Conferences for the purpose of bringing distinguished scientists from other countries to attend these conferences;

\$5000 from members and friends as contributions to the Association's building fund;

\$12,000 from the General Electric Educational and Charitable Foundation to aid in the Association's Science Teaching Improvement Program;

Approximately \$14,000 from the estate of Margaret Young Smith;

\$450 from C. M. Goethe of Sacramento, California.

The board reported that in compliance with a request made by the Council at its 1955 meeting, the question of assessing all affiliates \$25 per year per Council member, in order to raise a fund from which Council members attending a meeting could be partially reimbursed for their traveling expenses, had been discussed with all affiliated societies. Since the reaction to the proposal had been predominantly negative, the board recommended that no further action be taken on the proposal. No action was taken.

the Board of Directors: Paul B. Sears (1957), Yale University

Other Members of the Board of Directors

Thomas Park (1957), University of Chicago

William W. Rubey (1957), U.S. Geological Survey, Washington, D.C.

Chauncey D. Leake (1958), Ohio State University

Margaret Mead (1958), American Museum of Natural History

Paul M. Gross (1959), Duke University

George R. Harrison (1959), Massachusetts Institute of Technology

Paul E. Klopsteg (1960), Glenview, Ill.