

AAAS Operating Fund Budget, 1957: Expenses

Item	Estimated expenses per item	Estimated expenses (totals)	Limits on individual items
<b>General administrative expenses</b>			
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	
<b>Printing and manufacturing</b>			
<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	
<b>Annual meeting</b>			
Meeting and exposition	19,000		21,000
Press service	5,000		5,500
		24,000	
<b>Sections, divisions, board, and committees</b>			
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	
<b>Depreciation</b>			
Building	23,200		
Furniture and equipment	6,000		
		29,200	
<b>Advertising</b>			
Miscellaneous		54,000	64,000
Executive officer's discretionary fund		300	
Contingencies and new activities		5,000	
		10,000	
<b>Total operating expenses</b>		<b>\$799,660</b>	

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.

## 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

Alan T. Waterman (1960), National Science Foundation

Paul A. Scherer (ex officio), Carnegie Institution of Washington

Dael Wolffe (ex officio), AAAS

#### Vice Presidents and Chairmen of the Sections

*A* Mathematics: A. W. Tucker, Princeton University

*B* Physics: Raymond T. Birge, University of California, Berkeley

*C* Chemistry: F. E. Cislak, Reilly Tar & Chemical Corp., Indianapolis, Ind.

*D* Astronomy: C. B. Watts, U.S. Naval Observatory, Washington, D.C.

*E* Geology and Geography: Robert R. Shrock, Massachusetts Institute of Technology

*F* Zoological Sciences: E. Raymond Hall, University of Kansas

*G* Botanical Sciences: Harry J. Fuller, University of Illinois

*H* Anthropology: Leslie White, University of Michigan

*I* Psychology: Neal Miller, Yale University

*K* Social and Economic Sciences: Stuart A. Rice, Falls Church, Va.

*L* History and Philosophy of Science: I. Bernard Cohen, Harvard University

*M* Engineering: Clarence E. Davies, American Society of Mechanical Engineers

*N* Medical Sciences: William B. Bean, State University of Iowa

*Nd* Dentistry: Isaac Schour, University of Illinois

*Np* Pharmacy: Robert C. Anderson, Eli Lilly and Co., Indianapolis, Ind.

*O* Agriculture: L. P. Reitz, Agricultural Research Service, Beltsville, Md.

*P* Industrial Science: Frank C. Croxton, Battelle Memorial Institute, Columbus, Ohio

*Q* Education: Arthur E. Traxler, Educational Records Bureau, New York, N.Y.

#### Administrative Officers

##### Appointed by the Board of Directors

Executive Officer: Dael Wolffe

Treasurer: Paul A. Scherer

Associate Administrative Secretary: Raymond L. Taylor

Editor: Graham DuShane

##### Secretaries of the Sections

*A* Mathematics: C. C. MacDuffee (1960), University of Wisconsin

*B* Physics: J. Howard McMillen (1959), National Science Foundation

*C* Chemistry: Edward F. Degering (1960), QM Research & Development Center, Natick, Mass.

*D* Astronomy: Frank K. Edmondson (1957), Goethe Link Observatory, Indiana University



William W. Rubey, research geologist at the U.S. Geological Survey, Washington, D.C., is a new member of the AAAS board of directors.

*E* Geology and Geography: Frank C. Whitmore, Jr. (1960), U.S. Geological Survey, Washington, D.C.

*F* Zoological Sciences: Harold H. Plough (1959), Amherst College

*G* Botanical Sciences: Barry Commoner (1959), Washington University, St. Louis

*H* Anthropology: Gabriel W. Lasker (1957), Wayne State University College of Medicine

*I* Psychology: Clifford T. Morgan (1960), Johns Hopkins University

*K* Social and Economic Sciences: Donald P. Ray (1958), George Washington University

*L* History and Philosophy of Science: Jane M. Oppenheimer (1958), Bryn Mawr College

*M* Engineering: E. Paul Lange (1960), Engineers Joint Council, New York, N.Y.

*N* Medical Sciences: Allan D. Bass (1960), Vanderbilt University School of Medicine

*Nd* Dentistry: Russell W. Bunting (1958), University of Michigan School of Dentistry

*Np* Pharmacy: John E. Christian (1958), Purdue University School of Pharmacy

*O* Agriculture: Karl S. Quisenberry (1957), U.S. Department of Agriculture, Washington, D.C.

*P* Industrial Science: Allen T. Bonnell (1960), Drexel Institute of Technology

*Q* Education: Herbert A. Smith (1959), University of Kansas

#### Officers of the Pacific Division

President: J. Murray Luck, Stanford University

President Elect: Ian Campbell, California Institute of Technology

Retiring President: Robert B. Brode, University of California, Berkeley

Secretary: Robert C. Miller, California Academy of Sciences

Council Representative: Robert C. Miller

#### Officers of the Southwestern and Rocky Mountain Division

President: Marlowe G. Anderson, New Mexico College of Agriculture and Mechanic Arts

Vice President: M. F. Stubbs, New Mexico Institute of Mining & Technology

Executive Secretary: Frank E. E. Germann, University of Colorado

Council Representative: Marlowe G. Anderson

#### Officers of the Alaska Division

President: Victor P. Hessler, University of Alaska

Vice President: Frank Pauls, Territorial Department of Health, Anchorage

Secretary: Clyde J. Beers, U.S. Coast and Geodetic Survey, College

Council Representative: C. T. Elvey, Geophysical Institute, University of Alaska

#### Editorial Board

Graham DuShane, chairman  
Wallace R. Brode, National Bureau of Standards

Bentley Glass, Johns Hopkins University

Karl Lark-Horovitz, Purdue University

Edwin M. Lerner, National Institutes of Health

William L. Straus, Jr., Johns Hopkins University

Charlotte V. Meeting, ex officio

#### Standing Committees

##### Affiliation

I. Melville Stein (1957), Leeds & Northrup Company, Philadelphia, Pa., chairman

John B. Buck (1958), National Institutes of Health

Herbert Carter (1959), University of Illinois

Luna Leopold (1960), U.S. Geological Survey, Washington, D.C.

Earl L. Green (1961), Jackson Memorial Laboratory, Bar Harbor, Me.

Dael Wolffe, ex officio

Raymond L. Taylor, staff representative

##### AAAS Meetings

Harry C. Kelly (1957), National Science Foundation, chairman

F. E. Cislak (1957), Reilly Tar and Chemical Corp., Indianapolis

Frank K. Edmondson (1957), Indiana University



Alan T. Waterman, director of the National Science Foundation, with offices in Washington, D.C., is a new member of the AAAS board of directors.

Howard M. Phillips (1958), Emory University  
Arthur W. Galston (1959), Yale University  
Dael Wolfe, ex officio  
Raymond L. Taylor, staff representative

*Executive Committee of the Board of Directors*

Paul B. Sears, chairman  
Laurence H. Snyder  
Wallace R. Brode  
Paul E. Klopsteg  
Paul A. Scherer  
Dael Wolfe

*Investment and Finance*

F. P. H. Siddons (1957), American Security & Trust Company, Washington, D.C., chairman  
Malvern F. Morse (1958), American Security & Trust Company  
Wallace R. Brode (1959), National Bureau of Standards  
J. E. Graf (1960), Smithsonian Institution  
Sheldon B. Akers (1961), Brookings Institution  
Paul A. Scherer, ex officio  
Dael Wolfe, ex officio  
Hans Nussbaum, staff representative

*Nominations*

Margaret Mead (1957), American Museum of Natural History, chairman  
Marsh W. White (1957), Pennsylvania State University  
A. Nelson Sayre (1957), U.S. Geological Survey, Washington, D.C.  
Milton O. Lee (1957), Federation of American Societies for Experimental Biology  
Wallace R. Brode (1958), National Bureau of Standards  
Karl M. Wilbur (1958), Duke University

*Publications*

Thomas Park (1957), University of Chicago, chairman  
Ralph R. Shaw (1958), Rutgers University  
Chauncey D. Leake (1959), Ohio State University  
George R. Harrison (1960), Massachusetts Institute of Technology  
Paul M. Gross (1961), Duke University  
Dael Wolfe, ex officio  
Graham DuShane, staff representative

*Special Committees*

*AAAS-Anne Frankel Rosenthal Memorial Award for Cancer Research, Judges*

Warren Weaver, Rockefeller Foundation, chairman  
Harry S. N. Greene (American Association for Cancer Research), Yale University School of Medicine  
G. Burroughs Mider, National Cancer Institute  
Richard L. Rosenthal, Richard and Hinda Rosenthal Foundation  
C. Chester Stock, Sloan-Kettering Institute for Cancer Research  
Harry M. Weaver, American Cancer Society

*AAAS-Ida B. Gould Memorial Award for Research on Cardiovascular Problems, Judges*

Paul Dudley White, Boston, Mass., chairman  
C. Sidney Burwell (Helen Hay Whitney Foundation), Harvard Medical School  
Robert P. Glover (American College of Cardiology), Presbyterian Hospital, Philadelphia  
Dickinson W. Richards (Life Insurance Medical Research Fund) Bellevue Hospital, New York  
Richard L. Rosenthal, Richard and Hinda Rosenthal Foundation  
Francis C. Wood (American Heart Association), University of Pennsylvania Hospital  
J. Franklin Yeager (National Heart Institute), National Heart Institute

*AAAS Research Grants*

Barry Commoner, Washington University, chairman  
E. Lowell Kelly, University of Michigan  
Hans Nussbaum, AAAS  
Laurence H. Snyder, University of Oklahoma  
H. Burr Steinbach, University of Chicago  
Dael Wolfe, staff representative

*AAAS Socio-Psychological Prize*

Donald P. Ray, George Washington University  
Stuart A. Rice, Falls Church, Va.  
Dael Wolfe, AAAS

*Interim Committee on the Social Aspects of Science for 1956*

Ward Pigman, University of Alabama Medical Center, chairman  
Barry Commoner, Washington University  
Gabriel W. Lasker, Wayne State University  
Chauncey D. Leake, Ohio State University  
Benjamin H. Williams, Industrial College of the Armed Forces

*Management and Business Operations*

Mark H. Ingraham, University of Wisconsin, chairman  
George J. Beal, Rockefeller Foundation (retired)  
F. P. H. Siddons, American Security & Trust Company  
Paul A. Scherer, ex officio  
Dael Wolfe, ex officio

*Popular Science Books*

Harrison Brown, California Institute of Technology  
Barry Commoner, Washington University  
E. U. Condon, Washington University  
Kirtley F. Mather, Harvard University  
Dael Wolfe, ex officio

*Resolutions for 1956*

W. George Parks, University of Rhode Island, chairman  
Orr E. Reynolds, Office of Naval Research, Washington, D.C.  
Kenneth C. Spengler, American Meteorological Society, Boston

*Retirement Plan (must be composed of three staff members)*

Dael Wolfe, chairman  
Hans Nussbaum  
Raymond L. Taylor

*Source Books in the History of Science*

Gregory D. Walcott, Long Island University, chairman  
Harlow Shapley, Harvard University  
Edmund W. Sinnott, Yale University

*Committees To Be Appointed*

AAAS Newcomb Cleveland Prize Judges  
AAAS Socio-Psychological Prize Judges  
Theobald Smith Award in the Medical Sciences, Judges

*Representatives on*

*AAAS Cooperative Committee on the Teaching of Science and Mathematics (representative of the Board of Directors)*  
Alfred B. Garrett, Ohio State University

*Advisory Council on Medical Education*  
Lowell T. Coggeshall, University of Chicago

*American Council on Education*  
Mark H. Ingraham, University of Wisconsin  
John R. Mayor, AAAS

*Committee on the Kimber Genetics Award of the National Academy of Sciences*  
I. Michael Lerner, University of California, Berkeley

*Council of National Organizations of the Adult Education Association of the United States*  
John A. Behnke, Ronald Press Company, New York

*Council of Old World Archeology*  
Richard K. Beardsley, University of Michigan

*National Committee for UNESCO*  
To be appointed

*Joint Commission on Mental Illness and Health*  
Ernst Mayr, Museum of Comparative Zoology, Harvard University

*National Conference on FAO*  
Noble Clark, University of Wisconsin

*Science Service Board of Trustees*  
Paul B. Sears (1957), Yale University  
Karl Lark-Horovitz (1958), Purdue University  
William W. Rubey (1959), U.S. Geological Survey, Washington, D.C.

*Scientific Manpower Commission*  
Detlev W. Bronk, Rockefeller Institute for Medical Research  
(Wallace R. Brode, alternate)  
Dael Wolfe, AAAS

*U.S. Committee on ISO Technical Committee 37—Terminology*  
Duane Roller, Ramo-Wooldridge Corporation

## AAAS Membership

1) <i>Changes during 1956</i>	
New members	6,626
Losses	
Deaths	241
Resignations	1,453
Automatic resignations	2,403
Total loss	4,097
Net increase during 1956	2,529
2) <i>Totals as of 31 Dec. 1956</i>	
Paid for 1956	33,127
Paid through March 1957	1,358
Paid through June 1957	12,926
Paid through Sept. 1957	929
Life members, etc.	863
In good standing	49,203
In arrears	2,491
	51,694
New for 1957	1,024
Total membership	52,718

## New York Meeting in Retrospect

Raymond L. Taylor

No two scientific meetings are ever alike, not even two consecutive annual conventions of the same society or two meetings of the same organization in the same locale. This generalization is particularly obvious with the large-scale, diversified annual meetings of the American Association for the Advancement of Science, which, uniquely, bring together scientists of all the principal disciplines, research directors, academic administrators, teachers, students, writers, editors, more than one philosopher, and an increasing number of science-minded members of all the major professions. Inevitably, old friends are seen and new friends are made; ideas are engendered and expressed; discussions planned and unplanned occur; concepts are sharpened; and lasting impressions may be received. The great majority of those who attended return to their laboratories, classrooms, and offices stimulated

to further work and thought. Thus, the real measure of the success of any scientific meeting would be the sum total of the effects of this commingling of trained minds, the journal articles and symposium volumes which ensue, the new directions of research taken, and the increase in vigor with which long-standing problems are reattacked. If so, the full impact of any AAAS meeting comes in subsequent years—and scarcely can be completely evaluated either immediately afterward or later.

Some indication of the significance of a particular meeting, however, is available in the number and identity of those who attend and in the quality of the programs which attract them. Not infrequently, actions are taken in the business sessions which are important milestones or turning points. In significance, thus suggested, the Association's seventh New York meeting, 26–30 Dec. 1956, may

prove to have been one of its greatest. The two sessions of the AAAS Council are reported on other pages of this issue, and the caliber of the many programs is apparent in the General Program-Directory and in the appended reports of the sections and participating societies.

There were 5327 registrants. Characteristic of all AAAS meetings, the Visible Directory of Registrants included representatives from all sections of the continent and an impressive group of top-level investigators, Nobel prize winners, and high-ranking research administrators.

Usually the annual meetings of the Association, set for the six days between Christmas and New Year's, do not have many sessions earlier than the morning of 27 Dec., and the programs extend into the morning of 31 Dec. This year, however, because of the four-day holiday, on Sat., 29 Dec., through Tuesday, 1 Jan., the meeting was skewed. It opened almost full-scale on the morning of 26 Dec. and, by the afternoon of that day, nearly every section and participating society had begun its sessions. Conversely, 30 Dec., a Sunday, was lighter than the four preceding days, and there were no sessions at all on 31 Dec. Despite the compression of some 357 sessions in five days and four evenings, conflicts between sessions appealing to the same audiences were at a minimum.

In summary, this annual meeting of the Association for 1956 was particularly well attended, well balanced, and memorable, and there were numerous spon-