

# AAAS Officers, Committees, and Representatives for 1963

Officers of the Association and its three regional divisions, members of the Editorial Board and of AAAS committees, and representatives to other organizations for the year 1963 are listed below. The years in which terms of election or appointment expire are indicated in parentheses.

## General Officers

Retiring President and Chairman of the Board of Directors: Paul M. Gross (1963), Duke University

President: Alan T. Waterman (1964), National Science Foundation

President-Elect: Laurence M. Gould (1965), University of Arizona

## Other Members of the Board of Directors

Henry Eyring (1965), University of Utah

H. Bentley Glass (1966), Johns Hopkins University

Don K. Price (1964), Harvard University

Mina Rees (1964), City University of New York

Walter Orr Roberts (1966), National Center for Atmospheric Research, Boulder, Colo.

Alfred S. Romer (1963), Harvard University

William W. Rubey (1965), University of California, Los Angeles

Paul E. Klopsteg (ex officio), 828 Apple Tree Lane, Glenview, Ill.

Dael Wolfe (ex officio), AAAS

## Vice Presidents and Chairmen of the Sections

Mathematics: Magnus R. Hestenes, University of California, Los Angeles

Physics: Elmer Hutchisson, American Institute of Physics

Chemistry: Milton Orchin, University of Cincinnati

Astronomy: Edwin F. Carpenter, Steward Observatory, Tucson

Geology and Geography: John C. Reed, Arctic Institute of North America

Zoological Sciences: Dietrich Bodenstein, University of Virginia

Botanical Sciences: Aaron J. Sharp, University of Tennessee

Anthropology: David A. Baerreis, University of Wisconsin

Psychology: Lloyd G. Humphreys, University of Illinois

Social and Economic Sciences: Kingsley Davis, University of California, Berkeley

History and Philosophy of Science: Adolph Grunbaum, University of Pittsburgh

Engineering: Clarence E. Davies, United Engineering Center

Medical Sciences: Francis D. Moore, Peter Bent Brigham Hospital



Walter Orr Roberts

Dentistry: Paul E. Boyle, Western Reserve University

Pharmaceutical Sciences: Don E. Francke, University of Michigan

Agriculture: A. H. Moseman, Rockefeller Foundation

Industrial Science: Alfred T. Waide-lich, Austin Company, Cleveland

Education: H. E. Wise, University of Nebraska

Information and Communication: Foster E. Mohrhardt, U.S. Department of Agriculture Library

Statistics: Harold Hotelling, University of North Carolina

## Administrative Officers

### Staff

Executive Officer: Dael Wolfe

Treasurer: Paul E. Klopsteg

Associate Administrative Secretary: Raymond L. Taylor

Editor: Philip H. Abelson

Business Manager: Hans Nussbaum

Director of Education: John R. Mayor

Director, Science Library Program: Hilary J. Deason

Director of studies on the public understanding of science: Edward G. Sherburne, Jr.

Assistant to the Executive Officer: William T. Kabisch

## Secretaries of the Sections

Mathematics: Wallace Givens (1964), Argonne National Laboratory

Physics: Stanley S. Ballard (1963), University of Florida

Chemistry: S. L. Meisel (1964), Socony Mobil Oil Company, Paulsboro, N.J.

Astronomy: Frank Bradshaw Wood (1965), University of Pennsylvania

Geology and Geography: Richard H. Mahard (1964), Denison University

Zoological Sciences: David W. Bishop (1965), Carnegie Institution of Washington, Baltimore

Botanical Sciences: Harriet B. Creighton (1963), Wellesley College

Anthropology: Eleanor Leacock (1965), Bank Street College of Education, Brooklyn, N.Y.

Psychology: Frank W. Finger (1963), University of Virginia

Social and Economic Sciences: Ithiel

de Sola Pool (1966), Massachusetts Institute of Technology

History and Philosophy of Science: Norwood Russell Hanson (1965), Indiana University

Engineering: Leroy K. Wheelock (1964), Engineers Joint Council, New York, N.Y.

Medical Sciences: Oscar Touster (1964), Vanderbilt University School of Medicine

Dentistry: S. J. Kreshover (1966), National Institute of Dental Research

Pharmaceutical Sciences: (to be appointed)

Agriculture: Howard B. Sprague (1965), Pennsylvania State University

Industrial Science: Allen T. Bonnell (1964), Drexel Institute of Technology

Education: Herbert A. Smith (1963), Pennsylvania State University

Information and Communication: Phyllis V. Parkins (1965), *Biological Abstracts*, Philadelphia

Statistics: Morris B. Ullman (1965), 7604 Cayuga Avenue, Bethesda, Md.

## Officers of the Divisions

### Alaska Division

President: Allan H. Mick, Alaska Agricultural Experiment Station, Palmer

President-Elect: Charles J. Eagan, Arctic Aeromedical Laboratory, Fort Wainwright

Retiring President: James W. Brooks, Alaska Department of Fish and Game, Juneau

Secretary: Leonard Freese, Alaska Methodist University, Anchorage

Treasurer: Agnes Sunnell, University of Alaska, College

Executive Secretary: George Dahlgren, Jr., University of Alaska, College

Council Representative: Victor P. Hessler, University of Alaska, College

### Pacific Division

President: John P. Tully, Pacific Biological Station, Nanaimo, British Columbia

President-Elect: Phil Edwards Church, University of Washington

Retiring President: Melvin Calvin, University of California, Berkeley

Secretary: Robert C. Miller, California Academy of Sciences, San Francisco

Council Representative: Robert C. Miller

### Southwestern and Rocky Mountain Division

President: Anton H. Berkman, Texas Western College

President-Elect: Edwin R. Helwig, University of Colorado

Executive Secretary: Marlowe G. Anderson, New Mexico State University

Council Representative: Marlowe G. Anderson

## Editorial Board

Philip H. Abelson, AAAS, chairman  
David M. Bonner, University of California, La Jolla

Melvin Calvin, University of California, Berkeley

Ernest Courant, Brookhaven National Laboratory

Farrington Daniels, University of Wisconsin

John T. Edsall, Harvard University

David R. Goddard, University of Pennsylvania

Alexander Hollaender, Oak Ridge National Laboratory

Robert Jastrow, Institute for Space Studies

Konrad B. Krauskopf, Stanford University

Edwin M. Lerner II, National Institute of Allergy and Infectious Diseases

Willard F. Libby, University of California, Los Angeles

Neal E. Miller, Yale University

Philip M. Morse, Massachusetts Institute of Technology

Colin S. Pittendrigh, Princeton University

Kenneth S. Pitzer, Rice University

H. Burr Steinbach, University of Chicago

DeWitt Stetten, Jr., Rutgers University

William L. Straus, Jr., Johns Hopkins University

Edward L. Tatum, Rockefeller Institute

John R. Winckler, University of Minnesota

Clarence M. Zener, Westinghouse Electric Corporation, Pittsburgh

Wayne Taylor (Academy Conference), Michigan State University, vice-chairman

Ralph W. Lefler (AAAS Section on Education), American Institute of Physics, secretary

J. W. Buchta (American Association of Physics Teachers), University of Minnesota

John W. Cell (American Society for Engineering Education), North Carolina State College

H. S. Fowler (National Association of Biology Teachers), Pennsylvania State University

Alfred B. Garrett (AAAS Board of Directors), Ohio State University

J. Donald Henderson (National Science Teachers Association), University of North Dakota

Arthur L. Howland (National Association of Geology Teachers), Northwestern University

W. C. Kelly (American Institute of Physics), American Institute of Physics

W. T. Lippincott (Division of Chemical Education of the American Chemical Society), Ohio State University

George G. Mallinson (Central Association of Science and Mathematics Teachers; National Association for Research in Science Teaching), Western Michigan University

John R. Mayor (AAAS), AAAS

H. Vernon Price (National Council of Teachers of Mathematics), State University of Iowa

W. E. Restemeyer (Engineers Council for Professional Development), University of Cincinnati

J. L. Snyder (American Geological Institute), American Geological Institute

Henry Van Engen (Mathematical Association of America), University of Wisconsin

Allyn Waterman (American Society of Zoologists), Williams College

Emery Will (American Nature Study Society), State University Teachers College, Oneonta, N.Y.

Dael Wolfle, AAAS, ex officio

### AAAS Meetings

David R. Goddard (1963), University of Pennsylvania, chairman

Alex Bavelas (1965), Stanford University

Horace R. Byers (1963), University of Chicago

Preston E. Cloud, Jr. (1965), University of Minnesota

LaMont C. Cole (1965), Cornell University

Philip Handler (1964), Duke University Medical Center

## Standing Committees

*AAAS Cooperative Committee on the Teaching of Science and Mathematics*

Thornton Page (American Astronomical Society), Wesleyan University, chairman

Robert Jastrow (1964), Institute for Space Studies

Gerard Piel (1963), *Scientific American*, New York, N.Y.

Dael Wolfle, AAAS, ex officio

Raymond L. Taylor, AAAS, staff representative

#### *Affiliation*

I. Melville Stein (1967), Leeds & Northrup Company, chairman

Paul E. Klopsteg (1966), 828 Apple Tree Lane, Glenview, Ill.

Luna B. Leopold (1965), U.S. Geological Survey

Paul B. Sears (1963), Yale University

Ralph W. Tyler (1964), Center for Advanced Study in the Behavioral Sciences

Dael Wolfle, AAAS, ex officio

Raymond L. Taylor, AAAS, staff representative

#### *Cooperation among Scientists*

R. E. Gibson (1964), Johns Hopkins University Applied Physics Laboratory, chairman

Burton W. Adkinson (1963), National Science Foundation

Richard T. Arnold (1967), Mead Johnson & Company, Evansville, Ind.

Frank Fremont-Smith (1965), AIBS Interdisciplinary Conference Program, New York, N.Y.

William C. Paddock (1966), National Academy of Sciences

H. Bentley Glass, Johns Hopkins University, ex officio Board representative

Dael Wolfle, AAAS, ex officio

#### *Council Affairs*

Laurence M. Gould (1963), University of Arizona, chairman

Stanley S. Ballard (1964), University of Florida

Allan D. Bass (1963), Vanderbilt University School of Medicine

T. C. Byerly (1965), U.S. Department of Agriculture

Stanley A. Cain (1964), University of Michigan

Martin A. Pomerantz (1965), Bartol Research Foundation

Kenneth C. Spengler (1965), American Meteorological Society

Warren Weaver (1963), Alfred P. Sloan Foundation

William A. Wildhack (1963), National Bureau of Standards

Frank Bradshaw Wood (1964), University of Pennsylvania

Dael Wolfle, AAAS, ex officio, secretary

#### *Executive Committee of the Board of Directors*

Paul M. Gross, chairman

H. Bentley Glass

Laurence M. Gould

Alan T. Waterman

Dael Wolfle

#### *Investment and Finance*

Sheldon B. Akers (1966), Brookings Institution, chairman

Wallace R. Brode (1964), 3900 Connecticut Ave., NW, Washington, D.C.

J. E. Graf (1965), 2035 Parkside Drive, Washington, D.C.

Malvern F. Morse (1963), American Security and Trust Company

Paul E. Klopsteg, 828 Apple Tree Lane, Glenview, Ill., ex officio

Dael Wolfle, AAAS, ex officio

Hans Nussbaum, AAAS, staff representative

#### *Nominations and Elections*

Alan T. Waterman (1963), National Science Foundation, chairman

James F. Bonner (1963), California Institute of Technology

Wallace Givens (1964), Argonne National Laboratory

Laurence M. Gould (1964), University of Arizona

Howard B. Sprague (1963), Pennsylvania State University

Marsh W. White (1964), Osmond Laboratory, University Park, Pa.

Richard H. Wilhelm (1963), Princeton University

#### *Public Understanding of Science*

Polykarp Kusch (1967), Columbia University, chairman

Willard Bascom (1966), Ocean Science and Engineering, Washington, D.C.

Victor Cohn (1967), *Minneapolis Star and Tribune*

Richard D. Heffner (1965), Educational Television for the Metropolitan Area, Inc., New York, N.Y.

Gordon J. F. MacDonald (1966), University of California, Los Angeles

Thomas Park (1964), University of Chicago

Mina Rees (1963), City University of New York

Laurence M. Gould, University of Arizona, ex officio Board representative

Dael Wolfle, AAAS, ex officio

#### *Publications*

H. Bentley Glass (1966), Johns Hopkins University, chairman

George R. Harrison (1965), Massachusetts Institute of Technology

Chauncey D. Leake (1964), University of California Medical School, San Francisco

Thomas Park (1967), University of Chicago

Ralph R. Shaw (1963), Rutgers University

Dael Wolfle, AAAS, ex officio

Philip H. Abelson, AAAS, staff representative

#### *Science in the Promotion of Human Welfare*

Barry Commoner (1965), Washington University, chairman

Robert B. Brode (1963), University of California, Berkeley

T. C. Byerly (1965), U.S. Department of Agriculture

Ansley J. Coale (1964), Princeton University

John T. Edsall (1964), Harvard University

Lawrence K. Frank (1963), 25 Clark St., Belmont, Mass.

Margaret Mead (1965), American Museum of Natural History

Walter Orr Roberts, National Center for Atmospheric Research, ex officio Board representative

Dael Wolfle, AAAS, ex officio

### **Special Committees**

#### *AAAS-Campbell Award for Vegetable Research, Judges*

Louis P. Reitz (AAAS Section on Agriculture), Agricultural Research Service, Beltsville, Md., chairman pro tem

R. W. Fulton (American Phytopathological Society), University of Wisconsin

Iver J. Johnson (American Society of Agronomy), Caladino Farm Seeds, Inc.

Charles M. Rick (Genetics Society of America), University of California, Davis

H. W. Siegelman (American Society of Plant Physiologists), Plant Industry Station, Beltsville, Md.

F. F. Smith (Entomological Society of America), U.S. Department of Agriculture, Entomology Research Branch, Beltsville, Md.

F. C. Stark, Jr. (American Society for Horticultural Science), University of Maryland

#### *AAAS Newcomb Cleveland Prize, Judges*

Wallace R. Brode, 3900 Connecticut Ave., NW, Washington, D.C., chairman

David W. Bishop, Carnegie Institution of Washington, Baltimore, Md.

T. Dobzhansky, Rockefeller Institute

Henry Eyring, University of Utah

William C. Krumbein, Northwestern University

Gairdner B. Moment, Goucher College

Conrad Mueller, Columbia University

Jerzy Neyman, University of California, Berkeley

Paul B. Sears, Yale University

Howard B. Sprague, Pennsylvania State University

Frank Bradshaw Wood, University of Pennsylvania

#### *AAAS Socio-Psychological Prize*

Kingsley Davis, University of California, Berkeley

Ithiel de Sola Pool, Massachusetts Institute of Technology

Dael Wolfe, AAAS

#### *AAAS-Westinghouse Science Writing Awards, Managing Committee*

Edward G. Sherburne, Jr., AAAS, administrator

Jules B. Billard (National Association of Science Writers), *National Geographic Magazine*

Charles N. Fry, Westinghouse Electric Corporation, Pittsburgh

Harry R. Gail, Westinghouse Electric Corporation, Pittsburgh

Nate Haseltine (National Association of Science Writers), *Washington Post and Times Herald*

William T. Kabisch, AAAS

Hans Nussbaum, AAAS

#### *Commission on Science Instruction in Elementary and Junior High Schools*

Albert A. Blank, New York University

George B. Brain, Baltimore Public Schools

Graham DuShane, Vanderbilt University

Margaret W. Efraemson, Rudolph S. Walton Public School, Philadelphia

Robert M. Gagné, American Institute for Research

Reuben G. Gustavson, University of Arizona

Thomas S. Hall, Washington University

James G. Harlow, University of Oklahoma

William Kessen, Yale University

J. Stanley Marshall, Florida State University

Charles E. Olmsted, University of Chicago

Illa Podendorf, University of Chicago

Dixy Lee Ray, University of Washington

Leonard M. Rieser, Dartmouth College

Gates Willard, Manhasset Junior-Senior High School, Manhasset, N.Y.

Arthur H. Livermore, Reed College, ex officio

John R. Mayor, AAAS, ex officio

Dael Wolfe, AAAS, ex officio

### **Council Study Committees**

#### *Graduate Science Education and Standards*

Randall M. Whaley, Wayne State University, chairman

George G. Mallinson, Western Michigan University

S. R. M. Reynolds, University of Illinois College of Medicine, Chicago

#### *Natural Areas as Research Facilities*

F. Raymond Fosberg, National Research Council, chairman

Paul Bruce Dowling, Nature Conservancy

Richard H. Goodwin, Connecticut College

S. Charles Kendeigh, University of Illinois, Champaign

Jack McCormick, Ohio State University

James B. Ross, Reinhold College Textbook Department

George Sprugel, Jr., National Science Foundation

Lowell Sumner, National Park Service, Washington, D.C.

#### *Research in Small Colleges*

Richard B. Engdahl, Battelle Memorial Institute, chairman

Paul B. Sears, Yale University

Wilse B. Webb, University of Florida

Patrick H. Yancey, Spring Hill College

### **Committees To Be Appointed**

AAAS Socio-Psychological Prize, Judges

AAAS-Westinghouse Science Writing Awards, Screening Committee

AAAS-Westinghouse Science Writing Awards, Judges

### **Representatives**

#### *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

#### *American Standards Association Sectional Committee on Fluid Permeation (Z59)*

M. King Hubbert, Shell Oil Company, Houston

#### *American Standards Association Sectional Committees on Letter Symbols and on Abbreviations for Science and Engineering (Y1 and Y10)*

Irving P. Orens, Newark College of Engineering

#### *American Standards Association Sectional Committee on Preferred Practice for the Preparation of Graphs, Charts, and Other Technical Illustrations (Y15)*

Everett T. Burton, Box 624, Route 2, Battle Creek, Mich.

#### *American Standards Association Sectional Committee on Use of the Decimalized Inch (B87)*

Carl F. Kayan, Columbia University

#### *Council of Old World Archaeology*

Richard K. Beardsley, University of Michigan

#### *Hawaiian Botanical Gardens Foundation, Inc.*

John N. Couch, University of North Carolina

#### *Instrument Society of America Committee on Research and Development*

Jesse W. Beams, University of Virginia

#### *National Academy of Sciences Committee on the Kimber Genetics Award*

Tracy M. Sonneborn, Indiana University

#### *National Academy of Sciences Office of Critical Tables Advisory Board*

Wallace R. Brode, 3900 Connecticut Ave., NW, Washington, D.C.

*Science Service Board of Trustees*

Wallace R. Brode (1963), 3900 Connecticut Ave., NW, Washington, D.C.

William W. Rubey (1965), University of California, Los Angeles

Douglas M. Whitaker (1964), Rockefeller Institute

*National Conference on FAO*

Noble Clark, University of Wisconsin

*Scientific Manpower Commission*

Wallace R. Brode (1965), 3900 Connecticut Ave., NW, Washington, D.C.

M. H. Trytten (1963), National Academy of Sciences

*U.S. Committee on ISO Technical Committee 37—Terminology*

Duane Roller, Harvey Mudd College

*U.S. National Commission for UNESCO*

S. S. Wilks (1965), Princeton University

## Eighth Philadelphia Meeting

Raymond L. Taylor

A report of any AAAS meeting is a record for posterity; an account for those who missed a stimulating occasion; and—so large and complex is the annual meeting of the Association—it is a roll call of some of the events that even those who were present may not have attended. Of all 129 national meetings of the AAAS, the eighth Philadelphia meeting was surpassed in size only by the New York meetings of 1960 and 1949 and the general consensus of opinion is that no other AAAS meeting has surpassed this one in the quality and timeliness of its programs. Members who attend regularly were heard to say, “this is a particularly fine meeting” or “this one is the best ever.” Many medical scientists have made extremely favorable remarks about the tone and content of recent AAAS meetings.

Mere size is not the only criterion of a successful meeting. The eighth Philadelphia meeting was also noteworthy for the smoothness of its operation, and for the unaffectedly pleasant and hospitable attitude of the registration and hotel personnel and others with whom the visitors came in contact. The work of the local committees was outstanding, not only in effectiveness but also in the degree of warm personal interest.

The Annual Exposition of Science and Industry was better housed than it could be at last year's Denver meeting. The ceiling of the exhibit area on the concourse level of the Sheraton Hotel was higher; the pillars were smaller and more uniform; more space was available; and it was more conveniently reached. It was possible to expand the exposition by 40 percent—at Philadelphia there were 138 booths and 113 exhibitors.

The exhibitors were pleased with the number of teaching scientists who saw their displays of books, instruments, and laboratory materials. With foresight and confidence they had engaged all available booth space some months in advance of the opening day.

In summary, though the factors responsible for a successful AAAS meeting—from attendance and financing to press and network coverage—are both numerous and complex, those that are basic invariably include the excellence of the programs; advance information in *Science* and in cooperating scientific journals; adequate and convenient physical facilities; complete plans, and their execution by a devoted staff; and, not least, the effective work of truly interested local committees. The eighth Philadelphia meeting possessed all of these in full measure.

### Premeeting Publicity

Meetings cannot be well attended unless program information is publicized well in advance. A preliminary announcement of the current year's AAAS meeting which appears in *Science* each May includes brief synopses of the planned programs of the sections and participating societies, as far as they are known at that time. In late July additional program notes and data on headquarters hotels are released, but usually it is not until mid-autumn that more complete information can be supplied. The flow of hotel room reservations indicates that this is when many decisions on attendance are made or confirmed. It is always hoped that all secretaries and program chairmen responsible for symposia will make every effort to complete their arrangements by 1 June before people scatter for summer research or travel.

In 1962, the series of releases on the programs of the meeting that appeared in *Science* from 9 November through the proceedings issue of 7 December benefitted greatly from the writing of staff member Grayce A. Finger. Announcements in other journals also helped to attract people to Philadelphia. The Association is indebted to the following for space in which to call attention to the AAAS meeting: the *AIBS Bulletin*, the *ASB Bulletin*, and the *Proceedings* of the Federation of American Societies for Experimental Biology. Societies that participate, such as the American Society of Zoologists and the Ecological Society of America, carry abstracts of their own papers; the Geological Society of America's *Bulletin* most cooperatively prints full details of Section E's geological sessions; and finally, the secretaries of the sections and other program arrangers send program details to *Physics Today*, *Chemical and*

The author is associate administrative secretary of the AAAS.