

band of their daughter, Beatrix Cobb Ramey, is on the faculty of the University of Virginia.

On the coast of North Carolina, not far from the Duke University Marine Biology Laboratory, Paul and "Peter" maintain a modest beach house which serves to unite the family in the summers and serves also as drydock for a

collection of sailing craft, most precious of which is the one built by Paul and Paul, Jr. Near at hand is the only luxury Gross ever allowed himself—an ocean-going powered vessel equipped for deep-sea fishing. His friends, colleagues, and students know that Paul Gross will give of himself and his wisdom to the Association as he has in the past and that,

accordingly, the affairs of the Association must surely prosper. But we hope, too, that he will occasionally find a moment to listen to the gentle slap of waves against the hull.

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AAAS Council Meeting, 1960

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The Council of the AAAS met twice during the annual meeting of the Association in New York, 26 to 31 December. Both sessions were under the chairmanship of President Chauncey D. Leake and both were held at the Commodore Hotel. One hundred and fifty-two Council members attended the first session, at 4:00 P.M. on 27 December, and 131 the second session, at 9:00 A.M. on 30 December. The Chairman of the Board of Directors, Paul E. Klopsteg, and the President, Chauncey D. Leake, reviewed Association activities and problems.

Elections and Officers

The President announced that Council, by mail ballot, had elected Paul M. Gross as president-elect; had reelected Don K. Price and Alan T. Waterman as members of the Board of Directors for four-year terms; and had elected Henry Eyring to complete the one remaining year of an uncompleted term on the Board of Directors.

The vice presidents and chairmen of sections, as elected by the Council, are listed on pages 468 to 471. Council voted authority to the Board of Directors to elect vice presidents and chairmen for those sections that had not yet presented nominations for these positions.

The Executive Officer reported that the Board of Directors had reappointed Allen T. Bonnell of the Drexel Institute of Technology as Secretary of the Section on Industrial Science and had appointed the following new section secretaries: Section on Mathematics, Wallace Givens of Northwestern University; Section on Chemistry, S. L. Meisel of Socony Mobil Oil Company; Section on Geology and Geography, Richard H. Mahard of Denison University; Section on Engineering, Leroy K. Wheelock of the Engineers Joint Council; and Section on Medical Sciences, Oscar Touster of Vanderbilt University School of Medicine. All are to serve for four-year terms, 1961 through 1964.

Council Activities and Organization

Much of the time of the 1959 meeting was devoted to consideration of a report of the Committee on Council Activities and Organization. Most of the recommendations of that committee were approved by Council, as reported in the minutes of the 1959 meeting [*Science* 131, 503 (19 Feb. 1960)], but some matters were left unsettled, and to help in their settlement the Committee on Council Activities and Organization was continued for an additional year. The committee reported that it

had worked closely with the Board of Directors in arriving at recommendations for certain changes in the constitution and bylaws. The proposed amendments were published in *Science* [132, 1558 (25 Nov. 1960)].

William A. Wildhack, chairman of the Committee on Council Activities and Organization, introduced the committee report and recommended approval by Council of its recommendations. Council voted to approve the following amendments to the constitution.

Article IV, Section 1

Substitute the following statement for the present Article IV, Section 1:

Responsibility for the affairs of the Association is vested in the Council, which shall have authority to delegate functions to the Board of Directors.

In addition to other powers and responsibilities set forth herein, Council shall:

(a) determine the rights and privileges of members, and prescribe the dues and fees to be paid by members;

(b) elect general officers of the Association;

(c) provide for the organization of the Association in sections in accordance with the fields of interest of its members;

(d) authorize the establishment of regional divisions of the Association;

(e) determine the conditions of affiliation and elect affiliates of the Association;

(f) establish special study committees to report to the Council on any aspect of Association policy or program or on other matters affecting the advancement of science; and

(g) establish committees to aid the Council in the discharge of any of the above responsibilities.

Article V, Section 1

Substitute the following statement for the present Article V, Section 1:

The Board of Directors shall have, hold, and administer all the property, funds, and activities of the Association. It shall:

(a) take such actions as it deems necessary to carry out the purposes of the Association;

(b) make recommendations to the Council;

(c) appoint the administrative officers of the Association;

(d) in the event of a vacancy in the office of a general officer other than the office of president-elect, elect a replacement for the remainder of the unexpired term. In the event of a vacancy in the office of president-elect, replacement shall be by election by the Council;

(e) appoint and supervise the work of all committees except those described in Article IV, Section 1, paragraphs (f) and (g);

(f) determine the time and place of meetings of or meetings sponsored by the Association;

(g) elect Fellows from among the members of the Association;

(h) prepare and publish an annual budget for the Association and arrange for an annual independent audit of the accounts of the Association; and

(i) perform such other functions as the Council may assign to it from time to time.

AAAS budget for 1961.

<i>Receipts</i>	
Members' dues	\$ 495,000
Nonmember subscriptions	95,000
Back issues, etc.	4,000
Advertising in <i>Science</i>	700,000
Sale of:	
Microcards	700
Binders	1,800
Symposia	60,000
Emblems	1,800
Annual meeting	30,000
Rental receipts	16,000
Income from investments	25,000
Cash discounts	500
Administration of projects	36,000
Other	4,500
Total receipts	\$1,470,300
<i>Expenses</i>	
Expenses not categorized by function:	
Salaries	\$ 247,000
Insurance, retirement, social security	24,000
Supplies	21,800
Telephone	3,400
Postage	15,800
Travel	3,000
Miscellaneous	14,650
Printing and manufacturing	
<i>Science</i>	610,000
Editorial Board	7,300
Advertising	175,000
Symposium volumes	40,000
<i>AAAS Bulletin</i>	12,000
<i>Daedalus</i>	4,000
Annual meeting and exposition	26,000
Press service	9,500
Academy conferences	1,500
Public understanding	29,000
Building maintenance	53,700
Interest	4,400
Depreciation, building and equipment	35,500
Microcards	600
Binders	1,500
Emblems	1,200
Board of Directors	6,500
AAAS committees	10,000
Section expense	6,000
Division expense	10,700
Exec. Officer's discretionary fund	5,000
Contingencies	10,000
Total expenses	\$1,389,050
Net receipts	\$ 81,250

Compensatory Changes

(a) Delete the final sentence of Article III, Section 2.

(b) Delete from Article V, Section 2, the sentence beginning, "In the event of a vacancy in the office of an elected member of the Board of Directors. . . ."

(c) Revise Article V, Section 4, by adding the underlined words: "The Board of Directors shall appoint such committees, other than those described in Article IV, Section 1, paragraphs (f) and (g), as may be necessary to aid in the management of the Association. The duties of standing committees shall be stated in the bylaws."

Related to the above amendments to the constitution and also jointly recommended by the Board of Directors and the Committee on Council Activities and Organization were several amendments to the by-laws. Council voted its approval of these amendments, and the Board of Directors, in session on 29 December, formally adopted the following amendments to the bylaws.

Addition of New Section to Article V of Bylaws

Section 11. The Committee on Council Affairs shall consist of: nine members elected by the Council for terms of three years each, the terms of three of whom shall expire on January 14 of each year; the president-elect of the Association, who shall serve as chairman of the committee; and the secretary of the Council, who shall serve as secretary of the committee without vote. The committee shall (a) prepare the agenda for meetings of the Council, (b) receive or initiate, coordinate, and advise on reports of Council committees, resolutions, or actions submitted for consideration by the Council, (c) establish or recommend to the Council the establishment of appropriate study committees to report to the Council on any aspect of Association policy or program or on other matters affecting the advancement of science, (d) recommend to the Council appropriate changes in the constitution and bylaws.

Amendment to Article V, Section 1, of Bylaws

The underlined words were added to the section: "The committees shall be standing, as provided in the bylaws, or special, as the Board of Directors or Council approve. All standing committees, except the Committee on Council Affairs, shall report annually in writing to the Board of Directors. The chairmen of committees, unless otherwise provided for in these bylaws, shall be designated by the Board of Directors."

Article XIII

As a replacement for the article specifying that amendments to the bylaws shall be made by the Board of Directors, the

following wording was adopted: "The by-laws may be amended by majority vote of the Council at any meeting or by mail ballot."

On recommendation of the Committee on Council Activities and Organization, Council voted to rescind the action it took at the 1959 annual meeting in establishing a standing Committee on Constitution and Rules. The function of this committee was, by action taken above, assigned to the new Committee on Council Affairs.

Committee on Council Affairs

A major purpose of the above amendments was to establish a standing Committee on Council Affairs. From a slate of names submitted by the Committee on Nominations and Elections, Council elected the following persons to serve on the Committee on Council Affairs: for three-year terms, Allan D. Bass of Vanderbilt University, Warren Weaver of the Alfred P. Sloan Foundation, and William A. Wildhack of the National Bureau of Standards; for two-year terms, Barry Commoner of Washington University, Alfred E. Emerson of the University of Chicago, and Charles B. Hitchcock of the American Geographical Society; for one-year terms, Stanley A. Cain of the University of Michigan, Kenneth C. Spengler of the American Meteorological Society, and Frank Bradshaw Wood of the University of Pennsylvania. The president-elect of the Association serves ex officio as chairman of the Committee on Council Affairs, and the executive officer of the Association serves ex officio as secretary of the committee.

The President and the Chairman of the Committee on Council Activities and Organization (which automatically went out of existence when the Committee on Council Affairs was approved as a standing committee of the Association) announced that five study committees of the Council had been appointed. These are committees on Research in Small Colleges, International Scientific Communication, Science in Secondary School Education, Administration of Scientific Work, and Graduate Science Education and Standards. Study committees will hereafter report to and be coordinated by the Committee on Council Affairs.

Council voted to delegate to the Committee on Council Affairs authority to select two new members of the Commit-

tee on Nominations and Elections to replace H. Trendley Dean and Harold D. Lasswell, whose terms expired at the end of 1960.

Affiliates

Upon recommendation of the Committee on Affiliation and with endorsement by the Board of Directors, the Council elected the following organizations as affiliates of the AAAS: Idaho Academy of Science, American Society of Lubrication Engineers, American Society of Tool Engineers, National Federation of Science Abstracting and Indexing Services. These elections bring the number of affiliated organizations to 294. One affiliated society was dropped during the year.

Other Committees

The Council received from Barry Commoner, chairman of the Committee on Science in the Promotion of Human Welfare, both a printed and a verbal report extending the committee report published in *Science* [132, 68 (8 July 1960)]. Dr. Commoner described plans being made by the committee for its own future work, but made no recommendations to the Council. Council voted to accept the report and to express Council's appreciation and gratitude for the work of the committee and its substantive approval of the committee's plans.

The President called the roll of those of the Association's standing committees that had not already reported and invited such of the chairmen as cared to do so to make brief verbal reports.

Future Meetings

The Board reported that future meetings had been scheduled, for 1961 in Denver, 1962 in Philadelphia, 1963 in Milwaukee, and 1964 in Boston. On the advice of the Committee on Meeting Sites, the Board has requested the staff to seek suitable arrangements for 1965 on the Pacific Coast, for 1966 in the eastern part of the United States,

and for 1967 in Dallas or another city in the Southwest. It was suggested that Montreal might be considered along with cities in the eastern part of the United States for the 1966 meeting. A question was raised from the floor as to whether the Board of Directors had, in making the above plans, kept in mind the principles expressed in the resolution concerning meeting sites adopted by Council following the 1955 meeting. The President replied that the Board had indeed kept those principles in mind.

Finances

Frederick P. H. Siddons, vice president of the American Security and Trust Company, who for 20 years has served as chairman of the AAAS Committee on Investment and Finance, reported on the management of the Association's investment funds during the past 20 years. In 1940 the investments of the Association had a book value of \$235,000 and a market value of about \$210,000. At the end of 1960, funds invested in stocks, bonds, and the land and building of the Association's headquarters had a market value of over \$1,500,000.

In recognition of the service Mr. Siddons has given to the Association during 20 years of chairmanship of its Investment and Finance Committee, Council adopted the following resolution:

WHEREAS, for the past twenty years Mr. Frederick P. H. Siddons has served effectively and faithfully as chairman of the Investment and Finance Committee of the American Association for the Advancement of Science, and

WHEREAS, under his chairmanship the investment portfolio has been managed with skillful wisdom and with great benefit to the Association,

Now Be It Resolved, that the Association does hereby express to him its cordial best wishes and gratitude as well as its deep appreciation for two decades of devotion to its financial affairs.

The Executive Officer reported that preliminary estimates for 1960 showed an income of approximately \$1,388,000 and expenses of approximately \$1,238,000, each of these figures being ap-

proximately \$200,000 above those for 1959. The excess of income over expenditures for 1960 was estimated to be approximately \$150,000.

The following grants were received during 1960: \$296,090 from the National Science Foundation in support of the traveling science libraries; \$43,957 from the National Science Foundation for the selection of high school teachers to be awarded fellowships for graduate study in science or mathematics; \$42,000 from the National Science Foundation for preliminary studies of possible improvements in the teaching of science in the elementary grades and junior high school; \$30,000 from the National Science Foundation for a survey of the qualifications of a sample of secondary school science and mathematics teachers; \$29,925 from the National Science Foundation to support the symposium on the sciences in Communist China; \$83,333 from the Carnegie Corporation as the final portion of a three-year grant in general support of the Association's Science Teaching Improvement Program; \$7500 from the Westinghouse Electric Corporation for the 1960 science writing awards; and \$18,221 from various sources for the International Oceanographic Congress that was held in 1959.

On behalf of the Treasurer, the Executive Officer presented the budget shown in the accompanying table that had been approved by the Board of Directors for 1961.

Discussion

The President invited members to respond to the call for new business by discussing any matters of general concern to the Council or the whole Association, whether or not specific recommendations for action were submitted. Members made a variety of suggestions, which were recorded and later reported to the entire Council. The only recommendation calling for immediate action was a proposal of a resolution of warm appreciation to the local committees for the New York meeting for their hard and very effective work to make the meeting the excellent one it was. The resolution was adopted by acclamation.