

gree on his retirement in 1962; one sentence from the citation reads: "Larry Gould is a warm and humane person as well as an educator and administrator of great breadth."

His retirement from Carleton does not imply that he has abandoned an active life. On the contrary, his commitments promise to keep him busier than ever. Following a short summer vacation in 1962, which included breaking

in a new jeep presented by the Carleton faculty, and trout fishing in the rugged Wyoming mountains, he participated in the Boulder sessions of the international Scientific Committee for Antarctic Research, toured the Antarctic, and moved with his wife to Tucson, where he has agreed to teach at the University of Arizona as professor of geology.

His warmth and humanity affect everything that he does. He is innately

sensitive to people and their problems and has a keen feeling for the dignity of man, a deep sense of history, and a keen sense of humor. The sum of these personal qualities and the scope of his competence and experience in science, education, administration, and exploration augur well for his presidency, and bring distinguished leadership to the American Association for the Advancement of Science.

## AAAS Council Meeting, 1962

Dael Wolfe

With President Paul M. Gross presiding, the AAAS Council held two sessions during the Association's annual meeting in Philadelphia. Both were held at the Sheraton Hotel—the first at 4:00 P.M. on 27 December, with 195 members present; the second at 9:00 A.M. on 30 December, with 125 members present.

Thomas Park gave the annual report of the chairman of the Board of Directors in the form of a "simple, and quite personal statement about the essential health and future promise of our Association as seen through the rather experienced eyes of one member."

### Elections and Officers

The Committee on Nominations and Elections reported that the Council, by mail ballot, had elected Laurence M. Gould as president-elect; had reelected H. Bentley Glass and elected Walter Orr Roberts as members of the Board of Directors; and had elected Theodore C. Byerly, Martin A. Pomerantz, and Kenneth C. Spengler as members of the Committee on Council Affairs.

Council elected vice presidents and chairmen of sections for a number of the Association's sections and voted authority to the Board of Directors to elect vice presidents and chairmen for those sections that had not yet presented their nominations. The officers so elected are listed on page 617.

The Board of Directors announced the appointment of Ithiel de Sola Pool (Massachusetts Institute of Technology) as secretary of the Section on Social and Economic Sciences, and S. J. Kreshover (National Institute of Dental Research) as secretary of the Section on Dentistry.

The Council elected Wallace Givens and Marsh W. White as members of the Committee on Nominations and Elections.

### Council Organization

Alan T. Waterman, chairman, reported on behalf of the Committee on Council Affairs, describing the work of the committee during 1962, its plans for 1963, the handling of resolutions and recommendations considered at the 1961 annual meeting, and the work of the Council study committees.

The Committee on Council Affairs met once during 1962 to make plans for the annual meeting of Council. It plans to meet more frequently during 1963, for it wishes to consider adopting a more active policy of selecting topics and problems which, in the committee's judgment, can usefully and effectively be handled by study committees, instead of relying solely on the previous practice of establishing only such study committees as have been requested by a number of Council members.

At the 1961 meeting of Council, the Study Committee on International Scientific Communication recommended that the Association explore the possibility of publishing an International Science Register. Waterman reported that the AAAS staff had explored this possibility with UNESCO, the National Academy of Sciences, and the publisher of *American Men of Science*. While there is general agreement that such a directory would be useful, the costs and problems of producing it are great, and there seems no feasible way of handling these problems at present.

The Study Committee on International Scientific Communication had also recommended that the AAAS take the initiative in encouraging the organization of other symposia similar to the one on Chinese science presented at the 1960 annual meeting. Waterman reported that arrangements were going forward, in cooperation with the Science Council of Japan, for a symposium on Japanese science to be presented at the 1963 meeting in Cleveland.

At the 1961 meeting, the Council received three resolutions from the American Association of Scientific Workers. One proposed convening an international conference of scientific societies to develop proposals for worldwide disarmament and the abolition of

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nuclear weapons. This resolution was referred to the Committee on Science in the Promotion of Human Welfare, which concluded that the proposed conference was not likely to be an effective means toward these objectives.

The Committee on Science in the Promotion of Human Welfare had also considered, but took no specific action on, the second resolution from the American Association of Scientific Workers: that the AAAS explore ways and means by which the Civil Defense program might be more widely discussed by both scientists and the lay public.

The final resolution from the American Association of Scientific Workers asked the Association to oppose adoption by Congress of H.R. 8556, a bill amending the National Science Foundation Act to alter the qualifications for receipt of National Science Foundation fellowships. This recommendation was referred to the Board of Directors. After investigation of the legislative situation, the Board decided that it should neither oppose nor support the bill. Congress subsequently removed the requirement that an applicant for an NSF fellowship sign a loyalty affidavit and added the requirement that an applicant supply information concerning certain arrests, if any.

With regard to the five existing Council study committees, Waterman reported that the Committee on Natural Areas as Research Facilities, under the chairmanship of F. R. Fosberg, was being continued. Council received an interim report from this committee. The Committee on Research in Small Colleges, under the joint chairmanship of Paul B. Sears and Richard Engdahl, and the Committee on Graduate Science Education and Standards, under the chairmanship of Randall Whaley, are also being continued for another year. Council received an interim report from the former, but not from the latter.

The other two study committees, the Committee on Science in Secondary School Education and the Committee on Administration of Scientific Work, were discontinued after consultation with their chairmen, Morris Meister and Henry M. O'Bryan, respectively. Under the heading of new business, the discontinuance of the Committee on Science in Secondary School Education was discussed. Although it seemed appropriate to discontinue the study com-

mittee, the intention was expressed by a number of members of Council that the Association continue its active interest in the important area of science education.

#### Bylaw Changes

Upon request of the Board of Directors, Council voted to amend Section 9 of Article V of the bylaws to increase the number of members of the Committee on Public Understanding of Science from five to seven and to change the wording to indicate that the terms of one or two members would expire each year.

#### New Affiliates

Upon recommendation of the Committee on Affiliation and with the endorsement of the Board of Directors, Council voted to elect the following eight societies as affiliates of AAAS: American Academy of Arts and Sciences, American Society of Clinical Hypnosis, American Vacuum Society, Biophysical Society, Conference Board of the Mathematical Sciences, Medical Library Association, Society for General Systems Research, and Society of Technical Writers and Publishers.

With these elections, there are now 303 affiliates of the Association.

#### Committee Reports

Barry Commoner, chairman of the Committee on Science in the Promotion of Human Welfare, reviewed the work of that committee during the past year. The Commission on Air Conservation, organized by the committee to prepare a report on problems of maintenance of the atmosphere as a major natural resource, will have its report completed during 1963.

The committee is cooperating in a conference, to be held in February, of representatives of local committees that exist in a number of communities to facilitate communication between scientists and other members of the community on problems of mutual concern. The committee organized for the Philadelphia meeting a symposium on "The Integrity of Science," and is preparing a report on this topic for publication.

Edward G. Sherburne, Jr., of the

Association's staff, reported on behalf of the Committee on Public Understanding of Science. This aspect of the Association's work is now being supported by a grant of \$197,000 from the Alfred P. Sloan Foundation. A grant of \$60,800 from the National Science Foundation is enabling the AAAS, in cooperation with 11 affiliated scientific and engineering societies, to present a weekly program for a scientific audience over the educational television station of New York City. Under the Holiday Science Lecture Program, lecture series were given during Christmas week of 1962 by Mark Kac at the Rockefeller Institute in New York, with the Rockefeller Institute as cosponsor; by Lyman Craig, Stanford Moore, and William Stein in Boston, with the American Academy of Arts and Sciences as cosponsor; by Rene Dubos in Chicago, with the Chicago Museum of Natural History as cosponsor; and in Seattle by Paul Weiss, with the University of Washington as cosponsor. During Easter week of 1963, Theodosius Dobzhansky

Table 1. AAAS budget for 1963.

<i>Receipts</i>	
Members' dues	\$ 680,000
Nonmember subscriptions	110,000
Back issues, etc.	4,700
Advertising in <i>Science</i>	1,400,000
Sale of:	
Microcards	700
Binders	2,800
Symposia	60,000
Emblems	1,200
Annual meeting	61,800
Rental receipts	10,500
Income from investments	45,000
Administration of projects	40,000
Other income	4,000
<b>Total receipts</b>	<b>\$2,420,700</b>
<i>Expenses</i>	
Expenses not categorized by function:	
Salaries	\$ 402,000
Insurance, retirement, Social Security	55,800
Supplies	52,750
Telephone	13,100
Postage	38,000
Travel	12,350
Miscellaneous	27,350
Printing and manufacturing <i>Science</i>	1,075,000
Advertising (cost of selling)	350,000
Symposium volumes	34,920
<i>AAAS Bulletin</i>	10,500
<i>Science Education News</i>	2,225
Annual meeting and exposition	42,800
Building maintenance	60,185
Interest on mortgage	2,750
Depreciation of building and equipment	35,520
Microcards	675
Binders	2,350
Emblems	600
Board of Directors travel	8,650
AAAS committees	30,000
Section expense	6,875
Division allowance	13,300
Executive Officer's discretionary fund	5,000
Contingencies	5,000
<b>Total expenses</b>	<b>2,287,700</b>
<b>Net receipts</b>	<b>\$ 133,000</b>

Table 2. AAAS membership.\*

<i>Changes during 1962</i>	
New members elected	18,294
Losses	
Deaths	416
Resignations	2,636
Dropped for nonpayment of dues	4,382
Total loss	7,434
Net increase during 1962	10,860
<i>Totals as of 1 January 1963</i>	
Annual members in good standing	70,074
Life and emeritus members	1,330
Total in good standing	71,404
In arrears for less than 1 year	8,346
Total membership	79,750
<i>Summary</i>	
Membership as of 31 December 1961	68,890
Net increase during 1962	10,860
Membership as of 1 January 1963	79,750

\* The basis of reporting AAAS membership has been changed. Until a year ago the reporting date was 31 December; now it is 1 January. The single day accounts for several major changes: 4181 members who had paid dues for the year 1962 but, as of 1 January, had not renewed for 1963, are listed as "in arrears." 981 members who had been in arrears for exactly one year on 31 December are no longer included in the total membership but instead have swelled the number of those "dropped for nonpayment of dues." New members who joined for the new calendar year, listed separately in earlier reports, are now among "annual members in good standing." Finally, new members who specified February or later months as the start for their active term are not included anywhere in the table.

will give a series of lectures in Los Angeles, with the Los Angeles County Museum as cosponsor. Each series of lectures is attended by several hundred individually invited high school students from the area. The students are nominated by their schools as those most interested and able in science. Attendance is high. Letters from the students, some of their teachers, the cosponsoring institutions, and the lecturers all indicate that the program is being very favorably received.

## Finances

Dael Wolfle presented the budget for 1963, which had been adopted by the Board of Directors (Table 1). He reported that receipts for 1962 were estimated at approximately \$2 million and that receipts would exceed expenditures by approximately \$200,000. In addition, the Association received, during 1962, grants, in some cases to be spent over a period of several years, of \$586,000. The largest, a grant of \$197,000, was from the Sloan Foundation for a 3-year program designed to improve the quality and increase the quantity of science programing on commercial and educational TV networks. A grant of \$106,000 from the National Science Foundation enabled AAAS to conduct a series of regional conferences for school administrators. These conferences were planned jointly by the National Science Foundation, the United States Office of Education, and the AAAS to present information to school administrators concerning new science courses and course materials available for the senior high school. Other grants for new activities started a study of junior and collegiate academies of science in the United States and the preparation of a report of United States experience in the handling of desert and arid lands. This report is to be prepared for use at the UNESCO sponsored Latin American Congress on Arid Lands that will be held in Argentina in September. It will also be published in English for general distribution.

Table 2 gives membership figures. In 1962 the Association received a larger number of new members, 18,294, than in any previous year.

## Other Business

Upon motion, Council voted to request the Committee on Council Affairs to report next year on a study of its own organization, especially the selection of its chairman.

The vote followed a discussion in which several members of the Council expressed the hope that the Committee on Council Affairs would become a more active body. It was also suggested that the committee might examine the organization and function of AAAS sections as one of its responsibilities, and make such recommendations as seem appropriate.

A further charge to this committee was to study the methods that are being used by the several sections in selecting their nominees for election as section chairmen and Association vice presidents.

F. R. Fosberg, chairman of the Council Study Committee on Natural Areas as Research Facilities, invited all members of Council and other interested persons to send him (at the National Research Council, Washington 25, D.C.) information about natural areas being preserved anywhere in the United States.

By acclamation, Council adopted a resolution of appreciation to Henderson Supplee, Jr., president of the Atlantic Refining Company, who served as general chairman of the Philadelphia meeting, to the chairmen of the special committees working under Mr. Supplee's general chairmanship, and to all of the committee members who had generously and effectively worked to make the meeting the pleasant and successful occasion it was.