

AAAS Council Meeting, 1985

Catherine Borrás

The AAAS Council held its 1985 meeting on 30 May in the Santa Anita A and B Rooms of the Westin Bonaventure Hotel, Los Angeles, with 51 of its 83 members in attendance. President David A. Hamburg presided.

Executive Officer's Report

William D. Carey's report of 1984 activities and the operating budget for 1985 were published in *Science*, 1 February 1985. In a brief updating, he commended Philip H. Abelson and Daniel E. Koshland, Jr., for the smooth editorial transition at *Science* and the effort under way to diversify the magazine's coverage. Membership is up by several thousand so far this year, a reversal of the recent downward trend. The current count of some 138,000 is very close to the all-time peak. Because retention of members depends to a large extent on their satisfaction with *Science*, the 1985 budget provides for additional pages and an augmented staff. Mr. Carey said he regarded these increases as a good investment in scientific publishing and in meeting the goal of safe and steady growth in membership. *Science* 85, now in its sixth year, is an editorial success, has 700,000 subscribers, and is a credit to the Association. Advertising revenue is below expectation, but that is the case for most quasi-popular magazines. In late July, AAAS will move from its present four locations to leased space at 1333 H Street in Washington, D.C. Negotiations have been completed for the sale of the present headquarters building to the Government of Tunisia.

Elections

Election of the following Section Secretaries, who took office on 1 June, was announced:

Section D (Astronomy): John E. Gaudad

Section E (Geology and Geography): Helen M. McCammon

Section G (Biological Sciences): Judith P. Grassle

Section H (Anthropology): Priscilla Reining (reelection)

Section L (History and Philosophy of Science): Arthur L. Norberg

Section S (Pharmaceutical Sciences): Betty-ann Hoener

Section T (Information, Computing, and Communication): Elliot R. Siegel

Results of the 1984 general and electorate elections were published in the 4 January 1985 issue of *Science*.

Affiliated Organizations

The Council was informed of the withdrawal from affiliation of the Society of Range Management. The Society for Experimental Stress Analysis changed its name to Society for Experimental Mechanics and the American Society of Photogrammetry changed its name to American Society for Photogrammetry and Remote Sensing.

As new affiliates, the Council elected the American Institute of Professional Geologists, the Computerized Radiology Society, the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, and the Society for Neuroscience.

The American Institute of Professional Geologists, which was founded in 1963, has approximately 4500 members. Its purpose is to strengthen the geological sciences as a profession; to establish and constantly evaluate the qualifications and standards for geological scientists; to ensure the protection of the public and the profession from nonprofessional practices; to monitor governmental and other actions affecting the geological sciences; to communicate with the public concerning the profession of geology. AIPG gives assistance to high schools, colleges, and universities in geologic career education, curriculum planning, and course development. It conducts short courses and seminars, holds educational meetings, and produces educational publications and materials, including a

monthly newsletter, "The Professional Geologist"; an annual directory; and special "Issues and Answers" booklets aimed at increasing public awareness of current legislative or regulatory matters having geologic implications.

The Computerized Radiology Society, founded in 1976 by Robert S. Ledley, strives for the advancement of the theory, application, and practice of computerized radiology. Most of its 350 members are radiologists. It serves as a source for the exchange of information concerning the medical use of computerized tomography in radiological diagnosis. Activities include local and national meetings, approved courses, and study groups. An annual seminar, consisting of panel discussions, paper presentations, and tutorial presentations, qualifies for accreditation in Category I of the Physician's Recognition Award of the American Medical Association. The official journal is *Computerized Radiology* (bi-monthly).

The National Organization for the Professional Advancement of Black Chemists and Chemical Engineers was founded in 1974 to develop programs to assist blacks in realizing their full professional potentials in chemistry, chemical engineering, and related disciplines. It has more than 600 professional members from academia, private industry, research, consulting, and government. It publishes a quarterly *NOBCCHE Newsletter* and *Proceedings* of the technical sessions of the annual national meeting. An awards program includes two graduate fellowships, an outstanding teacher's award, and a research award. In addition, summer science workshop awards are made to high school students and prizes are given at science fairs. Twelve local chapters conduct seminars for the professional development of members and "adopt a school" programs that provide science activities to students.

The Society for Neuroscience was founded in 1969 as the result of a National Research Council study that pointed out the need for an interdisciplinary organization to enhance information exchange among scientists working on the nervous system. It has more than 9500 members—clinicians, research scientists, and students—drawn from a wide range of disciplines. The Society has 88 chapters and is affiliated with several European associations. Its publications include *The Journal of Neuroscience* (monthly), *Neuroscience Newsletter* (bi-

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monthly), and *Neuroscience Commentaries* (annually). Its purpose is to advance the understanding of nervous systems, to promote education in the neurosciences, and to inform the general public on the results and implications of current research in this area.

Fellowship

As Fellows of the Association, the Council elected 312 members who had been proposed for that honor by the Steering Groups of the 21 AAAS Section Committees, by groups of three Fellows,

and by the Executive Officer. A list of their names accompanies this report.

Acting on a proposal from R. Gnanadesikan of Bell Communications Research, a member of the Section U (Statistics) Steering Group, the Council amended its policy statement governing

AAAS Members Elected as Fellows, 30 May 1985

Alexander Abashian
Ronald F. Abler
Vernon Ahmadjian
Michele L. Aldrich
Richard J. Aldrich
Norma M. Allewell
Gabriel A. Almond
Ernest Ambler
Gordon L. Amidon
John P. Andelin, Jr.
John H. Argyris
Irwin M. Arias
Donald Armstrong
Michael Artin
Neil W. Ashcroft
Robert Auerbach
Gerald D. Aurbach
Maurice Auslander
John C. Avise
Khawaja Muhammed Sultanul Aziz
Janice M. Bahr
Donald Lee Ball
Elizabeth Urey Baranger
Samuel H. Barondes
Salomon Bartnicki-Garcia
Gordon A. Baym
Jonathan Beckwith
Nira Ben-Jonathan
Richard H. Benson
Howard C. Berg
Neil S. Berman
Charles E. Bidwell
Craig C. Black
R. Michael Blaese
B. Gordon Blaylock
Robert A. Bloodgood
Floyd E. Bloom
Lawrence Bogorad
Charles R. Boston
Thomas J. Bouchard, Jr.
William H. Bowen
Norman M. Bradburn
Harvey M. Bricker
Robin W. Briehl
James A. Brierley
Rodney A. Briggs
Lowell S. Brown
Donald E. Brownlee
Dennis E. Buetow
Jane Ellen Buikstra
John Butler
Thomas C. Cadwallader
Ercole Canale-Parola
C. Sue Carter-Porges
Albert W. Castleman, Jr.
Hal Caswell
Ching-chih Chen
Sow-Hsin Chen
Jon Clardy
James S. Clegg
Lucy M. Cohen
Charles B. Colburn

William L. Colville
Tom S. Cooperrider
Bruno Coppi
Donald C. Cox
Richard W. Damon
William H. Daughaday
Ernest R. Davidson
Paul K. Dayton
Donald L. DeAngelis
Kay Deaux
Christian R. de Duve
Janet E. Del Bene
Pierre Demarque
Douglas J. DePriest
Thomas H. Dietz
Harold W. Dodgen
Vincent P. Dole
W. Ford Doolittle
Jerry F. Downhower
Harry Dreicer
Harriet P. Dustan
Robert H. Ebert
Ruth B. Ekstrom
Mohyee E. Eldefrawi
John F. Elliott
Charles Joseph Epstein
A. Gordon Everett
John I. Ewing
L. T. Fan
Eric Fawcett
Thomas P. Fehlner
Ellis K. Fields
Robert Filler
Robert A. Fishman
William W. Fitzhugh
Steward S. Flaschen
Samuel C. Florman
Donald J. Foss
John M. Fowler
Laurel R. Fox
Douglas J. Futuyma
Walton C. Galinat
James H. Gary
Valerius Geist
Lowell L. Getz
Sam Glucksberg
Edwin L. Goldwasser
Daniel Goleman
DeWitt S. Goodman
Charles J. Goodner
Carl A. Goresky
John M. Gosline
Leslie D. Gottlieb
Mary W. Gray
Herbert J. Greenberg
William T. Greenough
John S. Greenspan
Priscilla C. Grew
Dale M. Grimes
Joseph F. Gross
Melvin M. Grumbach
Robert R. L. Guillard
C. David Gutsche

Michael G. Hadfield
Harlyn O. Halvorson
John F. Hamilton
Paul Hamosh
Marlin D. Harmony
Lauren Julius Harris
William Franklin Harris III
J. Woodland Hastings
John Michael Hayes
Clayton H. Heathcock
Kenneth W. Hedberg
Julian Heicklen
Frederick Bradley Henderson III
Harold A. Henderson
George P. Hess
Steven A. Hillyard
Ralph F. Hirschmann
Allan Hoben
Rachelle D. Hollander
Harry F. Hollien
J. William Hollingsworth
Peter J. Huber
David L. Hull
William D. Hummon
John P. Hunt
Richard W. Hyde
Israel S. Jacobs
Carl-Olof Jacobson
Lionel Skipwith Johns
Dale W. Johnson
Rodney L. Johnson
Horace Freeland Judson
William J. Jusko
Leo P. Kadanoff
Frank E. Karasz
Morris J. Karnovsky
David R. Kearns
Dennis R. Keeney
Nicholas A. Kefalides
William N. Kelley
William Welch Kellogg
Donald M. Kerr, Jr.
Jon R. Kettenring
Jonathan King
Marjorie M. King
Janos Kirz
Edward H. Klevans
Franklin G. Knox
Gretchen Schabtach Kolsrud
Eric B. Kraus
Peter T. Kuo
Alvin L. Kwiram
Paul E. Lacy
Rolf Landauer
Charles F. Larson
Peter D. Lax
Henry Leidheiser, Jr.
George J. Levinskas
Donald H. Levy
Larry Brook Liddle
Charles S. Lieber
Eivind B. Lillehoj

Richard N. Loeppky
David J. L. Luck
Robert J. Luxmoore
Timothy Arden Lyerla
Richard H. Lyon
Wayne Edward Magee
Margaret E. Mahoney
Robert B. Malmö
Bruce Margon
R. Bruce Martin
Linda Ellen Resnick Maxson
Daniel D. McCracken
Lillian C. McDermott
Robert H. McFarland
Samuel B. McLaughlin, Jr.
John E. McMurry
James Metcalfe
Richard Bolster Millward
John J. Monagle
Calvin N. Mooers
Emilio F. Moran
Patrice Ann Morrow
Hans J. Muller-Eberhard
John A. Musick
Toshio Narahashi
James D. Navratil
Eviatar Nevo
Warren D. Niederhauser
R. Glenn Northcutt
Susumu Ohno
Bernard J. O'Keefe
Robert H. Page
Heinz R. Pagels
Lester G. Paldy
Walter E. Parham
Charles F. Parker
Charles S. Parmenter
Philip Y. Paterson
Gaylord D. Paulson
Ronald L. Phillips
Darwin J. Prockop
James W. Putney, Jr.
Calvin O. Qualset
K. Ranga Rao
George Rapp, Jr.
Howard Rasmussen
Joseph Reed
Seymour Reichlin
Joseph L. Reid
Nathan Reingold
Arnold S. Relman
Peter M. Rentzepis
Rollin C. Richmond
John W. Riley, Jr.
Judith Rodin
Wendell L. Roelofs
Nathan Rosenberg
Ellis Rubinstein
Miriam M. Salpeter
George A. Samara
Paul A. Samuelson
Robert M. Saunders
John E. Sawyer

Leonard Saxe
Alice T. Schafer
Paul R. Schimmel
Paul E. Schleusener
Robert S. Schwartz
Erwin Seibel
Russel Shank
Sam Shapiro
Willis H. Shapley
K. Barry Sharpless
Richard H. Shimabukuro
Vernon Jack Shiner, Jr.
James F. Short, Jr.
Thomas B. Shows
Bernard A. Silverman
Ralph O. Simmons
Felix T. Smith
John E. R. Staddon
Reuel A. Stallones
John H. Steele
Donald G. Stein
Stephen H. Stow
Martin Summerfield
Karl E. Taeuber
Lewis Thomas
William A. Thomas
James J. Tiedje
Thomas J. Tighe
David Tilman
Averett S. Tombes
Alar Toomre
David J. Triggler
James E. Turner
Robert D. Utiger
Theodore R. Vallance
Marian Visich, Jr.
Regitze R. Vold
John A. Waldhausen
William A. Wallenmeyer
Kenneth M. Watson
Patty Jo Watson
Edward J. Wegman
Ewald R. Weibel
Judith S. Weis
Joe L. White
Stanley A. White
Gregory S. Whitt
Thomas J. Wilbanks
Robert A. Wiley
Linda S. Wilson
Ronald S. Wilson
Sherwood W. Wise, Jr.
Warren F. Witzig
Julian Wolpert
Dean E. Wooldridge
Harold Wooster
Joe B. Wyatt
Donald R. Yennie
Shelemyahu Zacks
Warren M. Zapol
Richard N. Zare
Robert G. Zimbelman

fellowship nominations to provide that current members of Steering Groups will not be eligible for such nomination during the period of their service.

Proposed Reorientation of Section X

The Council was informed that officers of Section X—General had proposed changing the name and orientation of the Section to “Policy Issues,” and that about 60 percent of the Section X membership had responded to a letter from Chairman George C. Sponsler requesting their views on the proposal. The idea was favored by 750 and opposed by 117 members.

On behalf of the Committee on Council Affairs, Gerard Piel moved that the Council rename Section X “Societal Impacts of Science and Engineering” (instead of “Policy Issues”). The Council voted to amend that motion to provide that a new Section on Societal Impacts of Science and Engineering be created and that the present Section X—General remain as it is. When the amended motion failed to carry, the Council voted to poll members of Section X for their reaction to the alternative designation “Societal Impacts of Science and Engineering.”

Some Council members took the position that in the event the name and orientation of Section X are changed, the Council should consider establishing a new general section to accommodate the interests of those Section X members and affiliated academies of science who oppose such a change.

Resolutions

Two resolutions were adopted by the Council, as follows:

1) *Violations of Human Rights in Nicaragua*, submitted by Robin W. Briehl, Kenneth Barnes, and the AAAS Committee on Scientific Freedom and Responsibility:

Whereas civil conflict in Nicaragua has resulted in numerous human rights violations, including violations directed toward health professionals and medical centers, and

Whereas these violations disrupt provision of necessary health care services for the civilian population of Nicaragua, and

Whereas one recent example of such violations, by contra forces, involved the kidnapping, prolonged detention, and serious injury of Dr. Gustavo Sequeira Pena, microbiologist and Vice Dean of the School of Medical Sciences of the National Autonomous University of Nicaragua, and three co-workers prior to their release on 29 April 1985, and

Whereas such actions violate fundamental principles of medical neutrality established in the Geneva Conventions of 1864 and 1949,

Be it resolved that the American Association for the Advancement of Science call on the United States Government to exercise vigorously its influence and resources to promote respect for principles of medical neutrality in Nicaragua, and

Be it further resolved that the Council urge the Association and its affiliated societies to monitor closely and report on the situation of health workers and academic professionals in Nicaragua and elsewhere in the Central American region.

2) *Scientific Peer Review*, submitted by Eugen Merzbacher:

Whereas the partnership between the government and the community of scientists is essential to the advancement of science, and

Whereas, without broadly based, consistent, critical, and professional evaluation of proposed expenditures for scientific work, there is a growing danger that the quality of research and education in science will be jeopardized,

Be it resolved that the Council of the AAAS reaffirm its commitment to the principle and practice of scientific peer review as indispensable to the allocation of public funds for the scientific enterprise.

Bylaw Amendments

Bylaw Article I, Section 1, was amended to delete an ambiguous reference to emeritus members.

Bylaw Article III, Sections 2 and 3, was amended to make the procedures for filling vacancies in Section positions consistent with those for filling other vacant positions. The new provisions are

that a vacancy in the position of retiring Section Chairman will not be filled; the Section Chairman will represent the Section Committee at the next Council meeting. In the event of a vacancy in the position of Section Chairman, Section Chairman-Elect, Section Secretary, or member-at-large, the Steering Group of the appropriate Section will appoint a replacement for the remainder of the unexpired term.

R&D Funding

Willis Shapley, AAAS Public Policy Consultant, briefed the Council on prospects for federal R&D funding in fiscal 1986 and beyond. His main points were:

- Levels of R&D funding will depend largely on congressional decisions and attitudes on the overall federal budget.

- Congress is giving top priority to deficit reduction and a major cutback in the proposed increases for national defense. There will be some mitigation of the Administration's proposed cutbacks in certain domestic programs, but nondefense programs will generally be frozen in FY 1986 at the FY 1985 appropriation levels.

- For R&D this means that the FY 1986 budgets proposed for Defense R&D, NASA, and NSF will be significantly reduced and some major program readjustments will be required. In Department of Energy R&D, some reductions beyond those in the President's budget seem likely. The only exceptions to the general outlook for level or declining R&D budgets appear to be in EPA, where the small increases proposed by the Administration may be approved, and NIH, where an intensive lobbying effort seems to be winning approval of a budget geared to about 6000 new and competing grants in FY 1985 and FY 1986 in lieu of 5000 each year proposed by the Administration.

- For the years after FY 1986, the projections embodied in the House and Senate budget resolutions call for a resumption of 3 percent real growth in the defense budget and for holding the FY 1986 levels, with some allowances for inflation in domestic programs. However, these projections are not binding on the President or Congress and the actual levels for FY 1987 and subsequent years will, as always, be set in the annual Executive-congressional budget process in each of those years.