

Amendments to AAAS Constitution and Bylaws

Proposed amendments to the AAAS constitution must be published in substance at least 1 month prior to the annual meeting of Council at which they are to be considered. The Committee on Council Affairs and the Board of Directors, with advice from the Association's legal counsel and auditor, have prepared a detailed and thorough revision of the constitution and bylaws. With a few exceptions (described later), all of the proposed changes deal with wording and arrangement rather than with substance.

Amendments made over the past several decades have introduced a number of inconsistencies of wording. In some cases, practice requested by Council is not fully consistent with existing bylaws. Some provisions have grown out of date. A detailed rewriting therefore seemed called for, not to introduce substantive changes, but to eliminate inconsistencies, awkward expressions, unduly complex wording, unnecessary duplication, different forms of expression where parallel forms would seem to be called for, and so on. All of these changes have been examined by the Committee on Council Affairs and the Board of Directors, and all have been approved by both bodies.

Four substantive changes are proposed:

1) Under the present constitution, persons, institutions, or organizations may become members of AAAS. The constitution now provides that only individual members may be elected as Fellows or as Emeritus Members but—inconsistently—can be interpreted to permit institutions to become Fifty-Year Members and thus become exempt from further payment of dues. It is proposed that membership be limited to individual persons.

2) In the present constitution there are provisions for the election as Sustaining Members of persons, institutions, or organizations that make contributions, of such size as prescribed by the Board of Directors, to the Association. There are other ways in which benefactors can contribute to the Association. The provision for Sustaining Membership has not been used for decades. It is proposed that the provision be dropped.

3) There is at present a peculiar provision concerning the reelection of members of the Board of Directors, namely: "At any election of members of the Board of Directors, not more than one Fellow serving his fourth consecutive year as an elected member may be reelected." This provision has puzzled the Committee on Nominations and Elections for years, and in different

years has been interpreted differently. It is proposed that the provision be restated unambiguously as: "In any election of directors, the Committee on Nominations and Elections shall not nominate more than one person who is serving for his fourth consecutive year or longer as a director."

4) A major responsibility of the Committee on Council Affairs is to consider matters proposed for presentation at the annual meeting of Council. Prior to the establishment of the Committee on Council Affairs, another committee, the Committee on Affiliation, was created to review applications for affiliation with AAAS. Now that the Committee on Council Affairs is in existence, it believes that it might better assume the responsibility of reviewing applications for affiliation along with its review of other matters to come before Council. It is therefore proposed that the Committee on Affiliation be abolished and that its responsibilities be assigned to the Committee on Council Affairs.

Complete copies of the reworded constitution and bylaws, incorporating the four substantive changes and all the other, nonsubstantive, changes, will be mailed to members of Council early in December. They will be discussed and voted on at the meeting of Council on 30 December.

DAEL WOLFLE

MEETINGS

Gordon Research Conferences: Winter Program, 1968

W. George Parks

The Winter Gordon Research Conferences will be held from 22 January to 2 February 1968 in Santa Barbara, California, at the Miramar Hotel and at the Santa Barbara Biltmore Hotel. The purpose of the Gordon Research Conferences is to stimulate research in universities, research foundations, and industrial laboratories. This purpose is achieved by an informal type of meeting consisting of scheduled lectures and

discussion groups. Sufficient time is available to stimulate informal discussions among the members of each conference. Meetings are held in the morning and in the evening, Monday through Friday, with the exception of Friday evening. The afternoons are available for recreation, reading, or participation in discussion groups as the individual desires. This type of meeting is a valuable means of disseminating informa-

tion and ideas to an extent that could not be achieved through the usual channels of publication and presentation at scientific meetings. It is hoped that each conference will extend the frontiers of science by fostering a free and informal exchange of ideas among persons actively interested in the subjects under discussion. The summer conferences are held in New Hampshire and Washington [*Science* **155**, 1290 (1967)].

Registration and reservations. Attendance at the conferences, limited to approximately 100, is by application. Individuals interested in attending the conferences are requested to send their applications to the office of the director. *Applications must be submitted in duplicate on the standard form, which may be obtained from the office of the director.* The applications will be reviewed by the Conference Committee.

The author, director of the Gordon Research Conferences, is professor and chairman of the department of chemistry at the University of Rhode Island, Kingston.

This committee in selecting the participants will distribute the attendance as widely as possible among the institutions and laboratories represented by the applications. A registration card will be mailed to those selected. Advance registration by mail is required; this is completed when the registration card with a deposit of \$30 is received in the office of the director. A registration card not accompanied by the \$30 deposit will not be accepted. This advance deposit is not required of scientists from foreign countries.

A fixed fee of \$130 has been established for resident conferees, and covers registration, double room with bath, City of Santa Barbara room tax, meals and gratuities for 5 conference days. There will be an additional charge for a single room and for rooms occupied more than the 5 conference nights (Sunday through Thursday). The fixed fee was established to encourage attendance for the entire conference and to increase the Special Fund that is available to the conference chairman for assisting participants who attend the conference wholly or in part at their own expense.

The participants are expected to live at the conference location because one of the objectives of the conferences is to provide a place where scientists can get together informally to discuss scientific research. All participants are urged to attend the conference for the entire week. Under special circumstances conferees will be permitted to stay at locations other than the site of the conference. Such nonresident conferees will be charged a registration fee of \$60.

Conferees living at the conference location who will pay all or part of the fixed fee as a personal expense may request a reduction of \$25 in the fixed fee. *Application for this special fee must be made at the conference office during the conference.*

Accommodations are available for wives who wish to accompany their husbands, and for children 12 years of age and over. All such requests should be made at the time the attendance application is submitted. The charge for room and meals for a guest is \$80.

Cancellation. The \$30 deposit is forfeited if an approved application for attendance at the conference is cancelled.

Attendance. Requests for application forms for attendance at the conferences, or for additional information, should be addressed to W. George Parks, Director, Gordon Research Conferences,

University of Rhode Island, Kingston, Rhode Island 02881.

The program to be presented is as follows:

Miramar Hotel

Electrochemistry

Paul Delahay and Isaac Trachtenberg are chairman and vice chairman, respectively.

22 January. M. E. Peover, "Some charge-transfer processes in non-aqueous solvents"; H. S. Frank, "Structure of water."

23 January. J. O'M. Bockris, "The ellipsometric technique and the mechanism of certain film forming reactions"; R. H. Muller, "Critical factors affecting sensitivity and accuracy of ellipsometer measurements"; R. N. O'Brien, "Study of concentration gradients by optical methods"; R. H. Muller, "Double beam interference techniques for mass transfer and electrode surface studies."

24 January. J. D. E. McIntyre, "Spectroreflectance studies of electrode surfaces"; H. R. Fellner, "Time-domain reflectometry for the study of electrode processes in the picosecond range." Business meeting and open session.

25 January. T. Kuwana, "Mechanism studies using optically transparent electrodes"; J. Kruger, "Potentialities and limitations of optical methods in the study of electrode processes"; C. W. Tobias, "Experimental studies in convective mass transport in channel-type electrolysis cells"; J. Newman, "The combined processes of diffusion and migration."

26 January. D. O. Raleigh, "Electrode processes in solid-electrolyte cells"; B. B. Owens, "High conductivity solid electrolytes MgAg_4I_5 ."

Polymers

Julian F. Johnson and Charles L. Segal are chairman and vice chairman, respectively.

29 January. (J. E. Goodrich, discussion leader.) H. F. Mark, "Synthetic polymers in medical sciences"; J. C. W. Chien, "Mechanism of autoxidation of polypropylene and inhibition of autoxidation." (F. E. Bailey, discussion leader.) F. A. Bovey, "Optical and NMR studies of biopolymers"; W. Heller, "Determination of macromolecular dimensions by light scattering in streamlining systems."

30 January. (J. D. Hoffman, discussion leader.) A. Rembaum, "Electrical properties of polymeric complexes"; R. H. Cole, "Aspects of dielectric behavior in relation to polymer configurations." (R. A. Mendelson, discussion leader.) T. L. Smith, "Deformation and rupture of two-phase rubbery materials"; J. C. Halpin, "Kinetic processes of fracture."

31 January. (W. R. McDonald, discussion leader.) D. J. Meier, "A theory of the formation, size, and shape of domains in block copolymers"; J. R. Knox, "Structural characterization of polyolefin copolymers." (C. L. Sieglaff, discussion leader.) C. C. Price, "Stereo-specific polymerization of *t*-butylethylene oxide"; C. Job, "A new aspect of the compatibility of polymers."

1 February. (N. W. Tschoegl, discussion leader.) W. J. MacKnight, "Transitions and relaxations in ethylene-methacrylic acid copolymers and their salts"; G. Holden, "Physical properties of thermoplastic elastomers." (J. L. Zakin, discussion leader.) H. L. Frisch, "Permeation sorption and diffusion in polymers."

2 February. (C. L. Segal, discussion leader.) A. P. Gray, "Investigations of polymer structure and morphology by scanning calorimetry"; W. S. Zimmt, "The polymerization of methyl methacrylate with sodium borohydride."

Santa Barbara Biltmore Hotel

Chemistry of Aging

Steven M. Horvath will be chairman.

22 January. H. V. Malmstadt and Glenn J. Culler, "Feedback mechanisms and network theory as applied to aging"; Joseph Post, "Biological renewal."

23 January. Free radicals and aging: Donald C. Borg, "Free radicals of biological interest"; Irving Isenberg, "Polypeptide nucleic acid binding"; James F. Meade, "Lipids and aging."

24 January. Ruben Andres, "Homeostatic mechanisms in aging"; Kurt Weiss, "Metabolic parameters in aging"; D. Bruce Dill, "Physical work capacity in aging."

25 January. Central nervous system: T. L. F. Jakubizak, "Psychophysiological aging"; Eugene Aserinsky, "Chemistry of sleep as it applies to aging"; Robert N. Butler, "Age-related changes in the nervous system."

26 January. Robert Getty, Thaddeus Smorajski, "Aging pigments."

Science, Technology, and Economic Growth

Donald Hornig will be honorary chairman. Bruce S. Old and Michael Michaelis will be chairman and vice chairman, respectively.

29 January–2 February. (Speakers to be announced.) Topics selected for discussion include: the responsibilities and role of government to facilitate industrial initiative in the "public sector" areas such as transportation and housing; the problem of maintaining at an appropriate level the basic research programs of the universities; and the problem of providing effective technological assistance to bring about the economic growth of underdeveloped areas or countries.

Calendar of Events—December

National Meetings

1–2. American Assoc. of **Physicists in Medicine**, annual mtg., Chicago, Ill. (J. R. Cameron, Dept. of Radiology, University Hospital, Madison, Wis. 53706)

1–2. Association for **Research in Nervous and Mental Disorders**, annual mtg., New York, N.Y. (The Association, 700 W. 168 St., New York)

1–3. Academy of **Psychosomatic Medicine**, Houston, Tex. (E. Dunlop, 150 Emory St., Attleboro, Mass. 02703)

1–5. American Soc. of **Mechanical Engineers**, winter annual mtg., and Energy Conversion Exposition, New York, N.Y. (The Society, 345 E. 47 St., New York 10017)

2–7. American Acad. of **Dermatology and Syphilology**, 26th annual mtg., Chicago, Ill. (S. E. Huff, 1636 Church St., Evanston, Ill.)

3–5. **Pollution Seminar**, Tampa, Fla. (O. E. Bufo, Suite 12, 1056 Delta Ave., Cincinnati, Ohio 45208)

3–6. American Soc. of **Hospital Pharmacists**, 2nd annual clinical midyear mtg., Washington, D.C. (The Society, Dept. of Education and Training, 4630 Montgomery Ave., Washington, D.C. 20014)

4–6. **Chemical Research, Radiation and the Structure of Matter Conf.**, Houston, Tex. (H. Eyring, Univ. of Utah, Salt Lake City)

4–6. **Missiles Systems**, Monterey, Calif. (American Inst. of Aeronautics and Astronautics, 1290 Sixth Ave., New York 10019)

5. American **Industrial Hygiene Assoc.**, trisection mtg., Cherry Hill, N.J. (E. E. Christofano, Delaware Valley Section—AIHA, Hercules Inc., Wilmington, Del. 19899)

5–7. American **Astronomical Soc.**, Philadelphia, Pa. (G. C. McVittie, Univ. of Illinois Observatory, Urbana)

5–7. **Mathematical Sciences Communications Problems Conf.**, Providence, R.I. (American Mathematical Soc., P.O. Box 6248, Providence 02904)

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POSITIONS WANTED

Aquatic Biologist, Ph.D. research, recent publications, experienced college teacher: physiology, embryology, zoology (vertebrate and invertebrate). Box 620, **SCIENCE**. X

Pharmacologist, Ph.D. 1957. Extensive training in neurochemistry and neurophysiology. Holder of Research Career Development Award and research grants. Numerous publications. Desires senior academic position. Box 618, **SCIENCE**. 12/1

Senior Biochemist. Experience in medical teaching and research. Seeks relocation, government or hospital. Box 612, **SCIENCE**. 11/24

Biochemist. Eleven years' experience in research and administration. Publications. Desire academic position or research institution. Box 613, **SCIENCE**. 11/24

Biochemist, Ph.D. 1957. Presently faculty member state university. Current NIH grant (glycoproteins). Available February or June. Box 615, **SCIENCE**. 12/1, 8, 15

Biophysicist-Physiologist, Ph.D., M.D., seeks academic or other research position; 10 years' broad experience in basic and applied research at AEC and academic institutions. Publications in tracer kinetics, mathematical models, computer applications, endocrinology. Medical and bioengineering teaching experience. Box 616, **SCIENCE**. X

Biophysicist, Ph.D. Academic and research training in biochemistry, pathology, virology. Electron microscope and instrument design, academic teaching in pathology and physiology. Box 603, **SCIENCE**. 11/24

Comparative Physiologist, Ph.D., 35. Teaching experience includes parasitology, physiology, invertebrates, and others. Desires teaching-research or administrative position. Publications. Box 597, **SCIENCE**. X

Coordinator of Research, Ph.D. chemistry (1941). Outstanding record with university, industry, government. Box 605, **SCIENCE**. 11/24; 12/1, 8

Physiologist-Biochemist, M.D. 1961, M.S. Post-doctoral research experience; grants; publications; research interests muscle physiology and biochemistry; seeks academic-research, or research position; at present on medical school faculty. Box 611, **SCIENCE**. 11/24

POSITIONS WANTED

Microscopist-Petrographer, M.Sc., exp. XRD, XRE, DTA, TGA. Box 593, **SCIENCE**. X

Pharmacologist, Ph.D., January 1968. Seeking industrial or academic-research position; preferably in the Midwest. Past industrial experience. Box 598, **SCIENCE**. X

Ph.D., middle-aged, substantial and varied career in microbiology, biochemistry, and oncology. Seeks academic or industrial post in New York City or abroad. Box 599, **SCIENCE**. X

Electrical Engineer, age 38. Seeks challenging biomedical engineering position. Eleven years' supervisory-research and development experience in instruments, sensors, and subsystems for cardiovascular, immunohematology, plasma, and respiratory measurements. Director diagnostic instrumentation research pharmaceutical industry. Patents and publications. Box 14, Somerville, N.J. 08876. X

M.D. Seeks Research Position. Experience in pathology, exfoliative cytology. Radioisotopes, autoradiography. Physiology of reproduction, animal surgery. Box 617, **SCIENCE**. 12/1, 8, 15, 22, 29; 1/5, 12, 19, 26

POSITIONS OPEN

Liberal arts college seeks Ph.D. in biology for September, 1968. Courses are botany and genetics; should be able to teach general biology or courses in own specialty. Good salary and fringe benefits. Send application and credentials to **Dean Thomas E. Tweito**, Missouri Valley College, Marshall, Missouri 65340.

OCEANOGRAPHER OR METEOROLOGIST with interest in air/water interface research to participate in graduate marine program. Salary open. **Long Island University, Graduate Department of Marine Science**, Mitchell Campus, 40 Merrick Ave., East Meadow, N.Y. 11554.

PROTEIN CHEMIST (RESEARCH): Ph.D. with experience. To work on isolation and structure of brain proteins as related to sphingolipidoses. Full-time position at well-known hospital-affiliated Research Institute in New York City.

SALARY: \$11,000 per annum plus fringe benefits and increments. Send detailed curriculum vitae and references to:

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