AAAS Annual Elections

Ballots for the Association's 1981 elections and this announcement should reach AAAS members at about the same time. All members will receive a general-election ballot for president-elect, members of the Board of Directors, and members of the Committee on Nominations. Each member who is enrolled in one of the 21 Electorates corresponding to the AAAS Sections will also receive an electorate-election ballot for Section chairperson-elect, member-at-large of the Section Committee, and members of the Electorate Nominating Committee. The ballots for Electorates J, K, L, M, N, O, and P will, in addition, list candidates for Council delegate.

The 5 June preliminary election announcement included the names of candidates and offered members the opportunity to place additional names in nomination by petition submitted not later than 16 July. No petitions were received.

Biographies of the candidates are given below, following interviews with the candidates for president-elect. The terms of all new officers, Council delegates, and committee members will begin on 9 January 1982.

Fostering a better understanding of the interrelationship of science, technology, and society is a role in which Anna J. Harrison would like to see the AAAS become increasingly involved.

"Our approach to understanding the relationship between science and technology and the whole of society often addresses only one-half of the question, that half is frequently called the 'public understanding' of science. The other half of the question is the 'scientific community understanding' of the role of the total society in determining the direction and the rate of the extension of scientific knowledge and also in determining the direction and the rate of the development of technology.'"

Harrison, the 68-year old William R. Kenan, Jr., professor of chemistry at Mount Holyoke College, and a AAAS Board member since 1979, advocates diligence in developing a broader understanding of the implications of scientific and technical innovations. "One of the missing elements in the science/society picture is the general lack of recognition that every technological innovation, regardless of how great its positive impact on society, also brings with it a negative impact. Further, the negative impact may fall on a different subset of society, or in a different time frame. I think the scientific community has been inclined to talk about the positive aspects without recognizing the responsibility of the public to be participants not only in the support of science but in the recognition of negative impacts and the adjustments that minimize those negative impacts.'"

The process of scientists understanding the role that the public must play in science and technology, affirms Harrison, is a continuous process. She points to the AAAS Annual Meeting as one vehicle for facilitating this understanding.

"Symposia address problem areas, speakers are open to questions, and there is opportunity for rebuttal. AAAS is a unique organization in that it brings together scientists from all disciplines and thus provides a forum to address the total social, economic, and political matrix in which all research and development proceeds.'"

Questions involving the relationship of science and society also encompass the need for better education, she says. "I'm concerned not only about the quality of education made available to those who become scientists, but to the students whom I describe as the general students—the students who do not have professional plans that require the development of technical competence. There may be a real role for AAAS in encouraging the development of upper-level college courses, and in so doing provide programs in science for students who are going into professions such as law, journalism, business, and elementary education."

Science for the general student, Harrison believes, is an integral part of the 'public understanding' of science issue.

"When you talk about the 'public understanding' of science, it's confusing. Does the public need to understand the body of knowledge that is science? Does it need to understand processes that are science? Does it need to understand how science and technology merge with society? I suspect the public's need is the third, but I don't see how you can arrive at that without some background in some body of science, some awareness of the knowledge and the methods of science. The public needs a knowledge of the manner in which scientific results are validated. We all need an understanding of the powers and limitations of science.'"

"There are other approaches to science education," states Harrison, "where AAAS can make major contributions. AAAS has impressive natural resources. Science 81,'" Harrison (a Science 81 editorial board member) notes, "is one of these. It can be made more useful in a classroom situation with the publication of materials for the teacher. This is being worked on now.

"Another powerful AAAS resource is its capacity to convene. The AAAS can provide the opportunity for various scientific societies, already involved in science education problems, to meet, to share problems, and to find ways in which their programs can complement each other.

"At the precollege level, one of the primary problems is the reward system for teachers. It's bad not only in terms of salaries, but in working conditions, the prestige granted these individuals in the communities in which they work, and also the prestige granted by their own professional societies. AAAS, just by its announced intent and endeavor to strengthen science education, recognizes the value of those who teach at the precollege level.'"

The AAAS should not avoid involvement in issues of controversy, according to Harrison. But she urges that it understand the role it endeavors to play. "There are essentially three levels at which scientists become involved in issues. The scientist may be an expert because of his or her training and experience; the scientist may be involved in providing..."
informed judgment; or the scientist may become involved in questions which are value questions. In the last, the scientist acts as a member of the total public—not as an expert."

She points to the current budget controversy and the AAAS R & D Colloquium as an example of how AAAS might best contribute to a policy issue. "The Colloquium, together with the analysis of the budget that preceded it, is a perfect forum. It provides expertise in pulling together that which one needs to have in hand. It provides an opportunity for debate. The forum is a most significant contribution in enabling individuals and affiliated societies to take informed positions.

"The value judgment propositions I find very interesting. I think there's sometimes a basic assumption in a discussion of the public understanding of science that if all individuals understood the science, they would arrive at the same conclusions as to appropriate courses of action. This is not true. Decisions affecting the quality of life are based to a large degree on the value system of the individual."

An area where scientific responsibility and the public's interest converge, and where Harrison sees a need for more AAAS action, is in the premature release of experimental results. "Many problems arise from the release of experimental results through channels that are not subject to peer review. I'm particularly concerned when preliminary results are announced before they have been validated by the investigator. Where these have to do with questions of public health and the environment, they often provoke an emotional response which makes it difficult to have a rational assessment of the suggested problem. The whole question is complicated by regulatory acts that require reporting in a time frame that does not allow for peer review."

While strongly endorsing the activities of the AAAS in the field of international affairs, Harrison expresses some misgiving. "The free exchange of information is essential but I sometimes feel uncertain about the degree that we should become involved in human rights issues in other countries. I hope we're equally concerned about human rights problems in our own country." Here, she points to the Office of Opportunities in Science as providing excellent, nonemotional efforts in the field of access to science. "Many of the questions in reference to minorities, women, and the handicapped going into scientific professions undoubtedly have to do with the perceptions of young people about what professions are open to them. In the Opportunities in Science program, there is a very definite effort to identify barriers and then get leverage on them. It's a very important role for the AAAS to play."

"Our society currently is at the crossroad in terms of science. There is serious danger that the future of science in general, and certain areas of science in particular, will be damaged to an extent where it will be decades or longer before we can recover." Gardner Lindzey, AAAS president-elect candidate, believes the present and future funding of research and the status of science education are the most critical questions facing the scientific community. "I think the plight of high school students is serious. They're not being trained in science, and they're not being given the inducements and intellectual opportunities that will permit them to become scientists in another 5, 10, or 15 years. I also think that investigators, young and old, are not being provided with the essentials for sustained programs of research and it will take decades to restore these programs and laboratories if they are permitted to decay or are never started.

"I see the AAAS, more than any other single organization, as being in a position to exert a significant impact in terms of guaranteeing the next generation of scientists. Science teaching in public schools and colleges has to be improved if we're going to have a generation of scientists, 10 to 20 years from now that will correspond to the generation we now have and have had in the past, and at the same time we must develop and sustain talented investigators in all areas of basic and applied science."

Lindzey, the 60-year old director and president of the Center for Advanced Studies in the Behavioral Sciences, counts the broadly based membership of the AAAS as one reason why the Association can and should address such large national issues as support of science education and research. "It is a society which has, from the beginning, been devoted to communication among scientists, across disciplines, but also to a much broader audience—indeed anyone who is interested in science can join the AAAS."

This broader concept of science is reflected in both AAAS publications, Science and Science 81, says Lindzey (a former Science editorial board member). "Science 81 is very readable, and is making a real contribution to a general appreciation of what's going on in science and technology. I'm most impressed by Science because it is so interdisciplinary. It's the only journal that I know of where I can talk to almost any one of my colleagues, whether they're biological scientists, physical scientists, or behavioral scientists, and they're aware of the journal and a very large number of them read it. That presents a tremendous opportunity for communication among scientists."

The AAAS candidate has doubts about Science aligning itself too closely with any one policy issue. "I think that Science should present an opportunity for political statements or strong policy statements, which it has done not only in the editorial, but also in lead articles, and in News and Comment, where what is being reported is factual in nature but has policy implications. The notion of Science setting out to make a case for—take for instance the social sciences—embarking upon a campaign to persuade the general public, congressional staff, Congress, agency heads, and so on that what they were doing in regard to these sciences is a mistake (which I think it is), would be unfortunate. Individuals writing editorials is fine, but if Science became aligned with only a single cause, it seems to me it would lead to the detriment of the publication and of the Association because there are many other special interests that merit support. There are just too many legitimate causes."

This does not mean, however, that Lindzey thinks the Association should avoid involvement in controversy. Arranging meetings to air issues of current scientific concern, he says, could be a worthwhile contribution to the public's understanding of science. "It would be very beneficial if the AAAS could step in and arrange to have a series of confer-
ences/meetings/discussions that would deal with the whole question of not only genetic engineering, but also the implications of genetic engineering for higher education. How many science departments with no significant history of commercial involvement deal with problems that have plagued professional schools for decades? Aside from the ethics of genetic experimentation, what will the impact of such developments be on our great universities? It's a good example of the kind of thing where AAAS could play a significant role. It would find an audience very interested in having a public examination of the ethical, financial, and scientific issues involved."

The area of equal opportunities in science (women, minorities, and the handicapped), Lindzey believes, is an important one for AAAS involvement. He points to his record at the Center, where under his directorship, an increasing number of fellowships have been awarded to women, minorities, and those from under-represented institutions.

"Issues of affirmative action—from sexual harassment to minority hiring—are concerns about which I have strong feelings and commitments. I think it's an area where the AAAS should be very active and very concerned."

International ties also, Lindzey notes as critical. "I do see as one of the many flaws of our current Administration, their lack of appreciation for the international components of science. Science is not limited by state, by nation, by religion, or by other distinctions. The mode should be a free exchange of information. Anything that AAAS does to reduce ideological or national barriers is important." So too, affirms Lindzey, is the cause of international human rights. "The international support of scientists whose careers are being jeopardized for political beliefs is something where the AAAS, the National Academy of Sciences, the American Academy of Arts and Science, and other professional scientific associations, should do all they can to relieve the individuals involved, including finding them positions in this country when that becomes an issue."

As for the budget cuts in science, "the plight of the social sciences," Lindzey insists, "is ultimately the plight of all sciences. AAAS, as an interdisciplinary association, in so far as it defends the social sciences, should not defend the 'social sciences' but 'science.' We need to ensure that the biologists, and the physicists, and the chemists, and the engineers believe that this is an attack from which they are not necessarily immune. Because what is today an attack on the social sciences can tomorrow be an attack on any area of science. You don't take a chunk and say—we don't want astronomy because it's not experimental, or we don't want evolutionary biology because it goes against the Bible, or we don't support social science because it smacks of socialism. The important premise is that the whole scientific enterprise is continuous, and that every element that is of high scientific quality should be supported."

General Election

Terms of office are as follows: president-elect, 3 years (the second year as president, the third year as retiring president and chairman of the Board); members of the Board of Directors, 4 years; members of the Committee on Nominations, 2 years.

President-Elect (one to be elected).

Anna J. Harrison

Gardner Lindzey

Anna J. Harrison


Gardner Lindzey

Gardner Lindzey (psychology, academic administration), 1920; A.B., 1943, Pennsylvania State University; M.S., 1945, and Ph.D., 1949, Harvard University. Director and president, Center for Advanced Study in the Behavioral Sciences, since 1975; professor of psychology, Stanford University, since 1976. Previously with Pennsylvania State University, Western Reserve University, Harvard University, University of Minnesota, and University of Texas. Fellow, American Academy of Arts and Sciences, American Philosophical Society, and Institute of Medicine; Distinguished Alumnus Award, Pennsylvania State University, 1975; president, Division of Social and Personality Psychology, 1963-64, and Division of General Psychology, 1970-71, American Psychological Association; president, APA, 1966-67. Current activities: president, Society for Study of Social Biology; vice president, American Academy of Arts and Sciences; Council, Institute of Medicine; director, Social Science Research Council, Russell Sage Foundation, and Society for Study of Social Biology; National Academy of Sciences-National Research Council: Committee on Basic Research in the Behavioral and Social Sciences, chair, Committee on Substance Abuse and Habitual Behavior and Panel on National Needs for Biomedical and Behavioral Research Personnel, co-chair, Committee on Study of Quality of Graduate Education; Committee on Problems and Policy, Social Science Research Council; Commission on Future of Academic Psychiatry, Josiah Macy, Jr., Foundation; Publications Board, APA. AAAS activities: Committee of Judges, AAAS Socio-Psychological Prize, 1962-63; Editorial Board, Science, 1972-73; Section Committee, Section on Psychology (J), 1975; Electorate Nominating Committee, Section J, 1980-82.

Board of Directors (two to be elected).

Lawrence Bogorad

Thecla Estrin

Sheila E. Whitmull

J. Tucci Wilson

Lawrence Bogorad

Lawrence Bogorad (biology), 1921; B.S., 1942, and Ph.D., 1949, University of Chicago. With Harvard University since 1967; Maria Moors Cabot professor of biology, Biological Laboratories, since 1980. Previously with University of Chicago. Member, National Academy of Sciences; fellow, Albert

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American Academy of Arts and Sciences; foreign member, Royal Danish Academy of Sciences and Letters; Merck NAS-NRC fellow, 1951–53; Fulbright research scholar, 1960; National Science Foundation senior postdoctoral fellow, 1960–61; president, American Society of Plant Physiologists, 1968–69; chairman, Board, any Section, NAS, 1974–77. Current activities: Joint Council on Food and Agricultural Sciences; Committee on Science and Public Policy, NAS; Board on International Organizations and Programs, NAS-NRC; Assembly of Life Sciences, National Research Council; Editorial Boards, Journal of Molecular and Applied Genetics, Plant Cell Reports, and Plant Molecular Biology. AAS activities: member-at-large of the Section Committee, Section on Biological Sciences, 1977–80.

Thelma Estrin

Thelma Estrin (biomedical engineering), 1924; B.S.E.E., 1948, M.S.E.E., 1949, and Ph.D., 1952, University of Wisconsin, Madison. With University of California, Los Angeles, since 1960; professor of engineering, Computer Science Department, since 1960; fellow, Institute of Electrical and Electronics Engineers; Fulbright fellow, 1963; Distinguished Service Citation, University of Wisconsin College of Engineering, 1976; Outstanding Engineer of the Year Merit Award, University of Southern California Institute for the Advancement of Engineering, 1979; Achievement Award, Society of Women Engineers, 1981; Board of Directors, Biomedical Engineering Society, 1975–78; Association for the Advancement of Medical Instrumentation, 1976–79, and IEEE, 1979–80; president, IEEE Engineering in Medicine and Biology Society, 1977; vice president, Publications Board, IEEE, 1979–80. Current activities: Board of Trustees, Aerospace Corporation; Administrative Council, International Federation for Medical and Biological Engineering; Long-Range Planning Committee, Transnational Relations Committee, and Committee on Professional Opportunities for Women, IEEE.

Sheila E. Widnall


J. Tuzo Wilson


Committee on Nominations (four to be elected)

Jordan J. Baruch

Robert W. Berliner

Phyllis L. Kahn

William R. Nelson

Rolf M. Sinclair

A. K. Solomon

Linda S. Wilson


Robert W. Berliner

Robert W. Berliner (physiology, internal medicine), 1915; B.S., 1936, Yale University; M.D., 1939, Columbia University. Dean and professor of physiology and medicine, Yale University School of Medicine, since 1975. Chairman with Goldwater Memorial Hospital, New York University, Columbia University, National Institutes of Health, Washington University, and Georgetown University. Member, National Academy of Sciences and Institute of Medicine; Hew Distinguished Service Award, 1962; Homer W. Smith Award in Renal Pathology, 1965; Alumni Award for Distinguished Achievement, 1966, Bicentennial Medal, 1967, and Joseph Mather Smith Prize, 1978, Columbia University; Modern Medicine’s Distinguished Achievement Award, 1969; American Heart Association’s Research Achievement Award, 1970; A. Ross McIntyre Award, University of Nebraska Medical Center, 1974; president, American Society for Clinical Investigation, 1959, American Physiological Society, 1967; and American Society of Nephrology, 1968; Committee on Science and Public Policy, NAS, 1973–77; Executive Committee, Assembly of Life Sciences, 1973–75, and chairman, Division of Medical Sciences, 1976–78, National Research Council. Current activities: Editorial Board, Circulation; Council, NAS. AAS activities: chairman, Section on Medical Sciences, 1972 and 1977; council, 1971–72, 1974–75, and 1978; Committee on Council Affairs, 1974–75; AAS-ABA National Conference of Lawyers and Scientists, 1974–76.

Phyllis L. Kahn

Phyllis L. Kahn (public policy), 1937; B.A., 1957, Cornell University; Ph.D., 1962, Yale University. State representatives, House of Representatives, State of Minnesota, since 1972. Previously with Yale University and Princeton University (postdoctoral fellow), and Department of Genetics and Cell Biology, University of Minnesota, since 1968; member, Brain Research Institute, since 1962. Previously with Institute for Advanced Study, Neurological Institute (New York City), and Weizmann Institute of Science. Fellow, Institute of Electrical and Electronics Engineers; Fulbright fellow, 1963; Distinguished Service Citation, University of Wisconsin College of Engineering, 1976; Outstanding Engineer of the Year Merit Award, University of Southern California Institute for the Advancement of Engineering, 1979; Achievement Award, Society of Women Engineers, 1981; Board of Directors, Biomedical Engineering Society, 1975–78; Association for the Advancement of Medical Instrumentation, 1976–79, and IEEE, 1979–80; president, IEEE Engineering in Medicine and Biology Society, 1977; vice president, Publications Board, IEEE, 1979–80. Current activities: Board of Trustees, Aerospace Corporation; Administrative Council, International Federation for Medical and Biological Engineering; Long-Range Planning Committee, Transnational Relations Committee, and Committee on Professional Opportunities for Women, IEEE.
William Kruskal


William F. Nelson

William F. Nelson (physics), 1924; B.S., 1948, and M.S., 1949, University of Akron; Ph.D., 1956, Washington State University. With GTE Corporation since 1952; director of research and director, Advance Technology Laboratory, since 1977. Previously with Ohio Edison Company, Douglas Aircraft Company, Owens-Illinois, Inc., and University of Toledo; taught on a part-time basis at University of Akron, Long Beach City College, Washington State University, and University of California, Los Angeles. Fellow, American Physical Society. Current activities: research associate, Nutrition Sciences Department, Massachusetts Institute of Technology; chairman, GTE-Technical Advisory Council.

Rolf M. Sinclair


A. K. Solomon


Linda S. Wilson

Linda S. Wilson (academic/research administration, chemistry), 1936; B.A., 1957, Tu- lane University; Ph.D., 1962, University of Wisconsin, Madison. Associate vice chancellor for research and associate dean of the Graduate College, University of Illinois at Urbana-Champaign, since 1975. Previously with University of Maryland, University of Southampton, University of Virginia at St. Louis, and Washington University. Activities include as one of 100 emerging academic leaders by American Council on Education and Change, 1978; National Commission on Research, 1978-80. Current activities: Director's Advisory Council, National Science Foundation; Advisory Council, Division of Research Resources, National Institutes of Health; Board of Visitors, Air Academy.

Electorate Elections

Terms of office are as follows: Council delegates, 3 years; Section chairpersons-elect, 3 years (the second year as chairpersons, the third year as retiring chairpersons); members-at-large of the Section Committees, 4 years; members of the Electorate Nominating Committees, 3 years.

Section A—Mathematics

Chairperson-Elect (one to be elected).

Lipman Bers

James B. Serrin

Lipman Bers (mathematics), 1914; Dr. Renum Naturalium, 1938, University of Prague. Davies professor of mathematics, Columbia University, since 1964; chairman, Department of Mathematics, 1972-75. Previously with Brown University, Syracuse University, Institute for Advanced Study, and New York University. Steele Prize, 1975; past president, American Mathematical Society; member, National Academy of Sciences; fellow, American Academy of Arts and Sciences. Current activities: chairman, Committee on Human Rights, NAS; AAAS activities: member-at-large of the Section Committee, Section on Mathematics (A), and Council, 1969-71; chairman, Section A, 1973.


Member-at-Large of the Section Committee (one to be elected).

Mary W. Gray

Branco Grünbaum


Section B-Physics

Chairperson-Elect (one to be elected)

Fay Ajzenberg-Severyn

James A. Krumhansl


Member-at-Large of the Section Committee (one to be elected)

Ralph A. Alpher

Nina Byers


Members of the Electorate Nominating Committee (two to be elected)

Bernard L. Cohen

Edward Gerjuoy

Donald F. Holcomb

Roger G. Newton


Edward Gerjuoy (chemistry), 1918; B.S., 1937, City College of New York; Ph.D., 1942, University of California, Berkeley; J.D., 1977, University of Pittsburgh. Professor of physics, University of Pittsburgh since 1964. Previously with Columbia University Division of War Research, University of Southern California, General Atomics, and RCA Laboratories. Fellow, American Physical Society and Institute for Physics (Great Britain); Board of Editors, Physical Review, 1963–69; Advisory Committee on Health Physics, Oak Ridge National Laboratory, 1967–73; chairman, Committee on Physics, American Bar Association, University of California, Berkeley, since 1979. Current activities: Committee on International Freedom of Scientists (chairman, 1979–80) and chairman, Panel on Public Affairs, APS; editor-in-chief, APS Bulletin, American Physical Society, and Science and Technology; Council, ABA Section of Science and Technology; hearing examiner (on a consulting basis), Commonwealth of Pennsylvania, ASEA and the Pennsylvania Labor Relations Board.

Donald F. Holcomb (physics), 1925; A.B., 1949, DePauw University; Ph.D., 1954, University of Illinois. With Cornell University since 1954; professor of physics since 1962; director, Laboratory of Nuclear and Solid State Physics, 1964–68. Previously with University of Illinois; Science Research Council


Section C—Chemistry

Chairperson-Elect (one to be elected).

Murray Goodman
Lester C. Krogh


Member-at-Large of the Section Committee (one to be elected).

Barbara Roth
Paul V. Smith, Jr.


Paul V. Smith, Jr. (organic chemistry), 1921; A.B., 1942, Miami University; M.S., 1943, and Ph.D., 1945, University of Illinois. With Exxon Research and Engineering Company since 1960; manager, educational and professional society relations, beginning in 1981. President’s Award, American Association of Petroleum Geologists, 1955. Current activities: Board, counselor ex officio, Committee on Long-Range Planning (chairman, 1980), Committee on Budget and Finance, chairman, Committee on Chemical Abstracts Services, and chairman, AD Task Force, American Society for Testing Materials; vice president for finance, Executive Committee, and Advisory Board of CACHE, American Society for Engineering Education; Board of Directors, Junior Engineering Technical Society; Advisory Board, Palomar Center for Learning Alternatives; Advisory Board, Engineering Education Project, American Association of Engineering Societies; National Study Committee for the U.S.A., International Association for the Evaluation of Educational Achievement.

Members of the Electorate Nominating Committee (two to be elected).

Rodney N. Hader
Eddie Hedaya
Norman Rabjohn
Bradford R. Stanerson

Rodney N. Hader (chemistry, chemical engineering), 1922; B.S., 1944, University of Illinois. With American Chemical Society since 1950; secretary since 1970; chief operations officer since 1981. Previously with Firestone Plastics. Honor Scroll Award, District of Columbia Institute of Chemists, 1980. Current activities: secretary, Board of Directors, Executive Committee, Council, and Council Policy Committee, American Chemical Society; Council and Board Special Committee on Pensions, American Chemical Society; Board of Directors, Centcom, Ltd.


Section D—Astronomy

Chairperson-Elect (one to be elected).

Paul W. Hodge
C. R. O’Dell


Member-at-Large of the Section Committee (one to be elected).

Clark R. Chapman
Gary L. Grindaden


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Section E-Geology and Geography

Chairperson-Elect (one to be elected).

Léo F. Laporte
Daniel F. Merriam

Léo F. Laporte (geology, palaeontology, stratigraphy), 1933; B.A., 1956, and Ph.D., 1960, Columbia University. Professor of earth sciences, University of California, Santa Cruz, since 1971; dean, Natural Sciences Division, 1979; currently with Brown University and New York State Geological Survey; past visiting professor, Yale University. President’s Award, American Association of Petroleum Geologists, 1968; Alumni Award for Distinguished Teaching, University of California, Santa Cruz, 1980; fellow, California Academy of Sciences and Geological Society of America; Research Committee, 1968-70 (chairman), 1971-72. Current activities: Editorial Boards, Paleobiology and Environmental Geology.


Member-at-Large of the Section Committee (one to be elected).

James Frazer Davis
O. T. Hayward


O. T. Hayward (geology), 1921; B.S., 1945, University of Kansas; M.S., Stanford University; Ph.D., 1957, University of Wisconsin. With Baylor University since 1955; professor since 1960. Previously with Phillips Venezuelan Oil Company, Phillips Petroleum Company, Gulf Oil Corporation, and California Company. Fellow, Geological Society of America; executive director, Council on Education in the Geological Sciences, American Geological Association; National Association of Geology Teachers, 1979-80; past member of various committees. Current activities: Education Committee, American Association of Petroleum Geologists; chairman, National Committee, NAGT; AAAS activities: Section Committee, Section on Geology and Geography, 1979-.

Members of the Electorate Nominating Committee (two to be elected).

Robert E. Boyer
Randolph W. Bromery
Raymond E. Critt
Joseph E. Schwartzberg

Robert E. Boyer (geology), 1929, 1951, Colgate University; M.A., 1954, Indiana University; Ph.D., 1959, University of Michigan; with Universities of Texas, Austin, since 1957; fellow, National Academies of Sciences, and professor of geological sciences and education. Special Service Award, University of Texas Geology Foundation Advisory Council, 1980; Neil A. Miner Award, National Association of Geology Teachers, 1980; president, Texas Academy of Science, 1968, NATG, 1974, Austin Geological Society, 1975, and Gulf Coast Association of Geologists; chairman, 1972; National Committee, University of Texas Geology Foundation, 1971-80. Current activities: councilor, Geological Society of America; executive director, College of National Sciences Foundation, University of Texas, Austin; publications chairman, CGAGS.

Randolph W. Bromery (geophysics, geology), 1926; B.S., 1956, Howard University; M.S., 1962, American University; Ph.D., 1968, Johns Hopkins University. With University of Massachusetts, Amherst, since 1967; Commonwealth professor of geophysics since 1979; chancellor, 1971-79. Previously with U.S. Geological Survey Special Service Award, USGS; Special Commendation, Republic of Liberia; Excellence in Earth, Physical, and Atmospheric Sciences, NCGBP. Current activities: Advisory Council, National Geosciences and Space Administration; Committee of Committees, Geological Society of America; vice chairman, Coalition for Economic and Social Change; Boards of Directors, Exxon Corp., Singer Co., and New England Telephone Co.; corporation member, Woods Hole Oceanographic Institution, Boston Museum of Science, and Babson Institute; trustee, Talladega College.

Randolph E. Critt (cultural geography), 1904; B.A. 1925, University of Cincinnati; Docteur es Lettres, 1937, University of Gre...
Section G—Biological Sciences

Chairperson-Elect (one to be elected).

John O. Corliss
Charlotte P. Mangum


Member-at-Large of the Section Committee (one to be elected).

Peter W. Frank
John B. Ryther


Members of the Electorate Nominating Committee (two to be elected).

Paula T. Beall
Ronald R. Hey
Jeffry B. Milton
Palmer Rogers


Section H—Anthropology

Chairperson-Elect (one to be elected).

Richard A. Gould
Douglas W. Schwartz


Douglas W. Schwartz (anthropology, archaeology), 1928; M.A., 1950, University of Kentucky; Ph.D., 1955, Yale University. President, School of American Research, since 1967. Previously with University of Oklahoma and University of Kentucky. Award for outstanding contribution in the field of historical publications (Conceptions of Kentucky Prehistory), American Association for State and Local History, 1968; president, Society for American Archaeology, 1973–74; president, Board of Trustees, Santa Fe Preparatory School, 1976; chairman, Secretary of the Interior’s Advisory Board on National Parks, 1977–78. Current activities: president, Witter Bynner Foundation for Poetry; vice chairman, Harvard University Overseers’ Committee on Peabody Museum; trustee, Jane Goodall African Wildlife Research Institute; Council, National Park Service Advisory Board; Public Broadcasting Associates Advisory Board.

Member-at-Large of the Section Committee (one to be elected).

Carol Kramer
John E. Yellen
Carol Kramer (anthropology, archaeology), 1942; B.A., City College, City University of New York; Ph.D., 1971, University of Pennsylvania. With City University of New York since 1971; associate professor of anthropology, Graduate Center, since 1972, and Lehman College, since 1974. Committee on the Status of Women, American Anthropological Association, 1973–75; trustee-at-large, American Institute of Iranian Studies, 1978–81. Current activities: Nominations Committee, Arctic, American Anthropological Association, 1982; Program Officer, AAU; Executive Committee, Board of Anthropology, Research Program, Committee on Research, CUNY. 


Mary Elizabeth King (anthropology), 1929; A.B., 1931, Cornell University; M.A., 1934, Columbia University; Ph.D., 1945, University of Texas, Austin. Keeper of collections, University Museum, and adjunct professor, University of Pennsylvania, since 1978. Previously with University of Michigan; Museum of the American Indian, Institute of the American Indian Arts, Santa Fe; and the American Museum of Natural History, New York City. Currently: curator, Department of the History of the Early Church; council member, American Historical Association; delegate, American Historical Association, 1970–75; and member of the American Historical Association, 1970–75. Current activities: vice president, American Historical Association; editor, American Historical Bulletin; and member, Society for American Archeology, 1975–78; National Committee for the Humanities, 1975–78; Membership Committee, AAA; Membership and Professional Practices Committee, AAM; chairman, Program Committee, Society for American Archaeology.


Section J—Psychology

Council Delegates (three to be elected). Each Delegate may be a member of the Board of Directors.

Roger Brown
James G. Greeno
Gregory A. Kimble
Edith D. Neilsen
John A. Swets
Allan R. Wagner


Chairperson-Elect (one to be elected).

Leo M. Burvick
Janet T. Spence

Janet T. Spence (psychology), 1923; A.B., 1945, Oberlin College; Ph.D., 1949, University of Iowa. With University of Texas, Austin, since 1964; currently Abshel Smith professor of psychology and educational psychology. Previously with Northwestern University and Veterans Administration Hospital (Iowa City); fellow, Center for Advanced Study in the Behavioral Sciences, 1978–79. Girl Scout of America, Hollins College, 1968; Ford Foundation fellow, 1974–75; president, Southwestern Psychological Association, 1971; Board of Directors, American Psychological Association; other activities: members, Governors, Psychonomic Society; Publications and Communications Board, Commission on Organization, and chair, Insurance Trust, AFA; Committee on Ability Testing, National Academy of Sciences; AAS activities: member-at-large of the Section Committee, Section on Psychology (J), 1976–79; Electorate Nominating Committee, Section J, 1975–77 and 1979–81.

Member-at-Large of the Section Committee (one to be elected).

Lewis P. Lipsitt


Marian Radke Yarrow


Members of the Electorate Nominating Committee (two to be elected).

Kay Deaux

Richard J. Herrnstein

Robert A. Recorza

Richard F. Thompson

Kay Deaux (social psychology), 1941; B.A., 1963, Northwestern University; Ph.D., 1967, University of Texas, Austin. With Purdue University since 1973; currently professor of psychology. Previously with Wright State University; past visiting professor, New York University. Fellow, American Psychological Association (Divisions 8, 9, and 35); Executive Committee, American Psychological Association (Divisions 8, 9, and 35); Executive Committee, American Association of Applied Social Psychology, and Sex Roles.


Richard F. Thompson (psychology), 1930; B.A., 1952, Reed College; M.S., 1953, and Ph.D., 1956, University of Wisconsin. Professor of psychology and human biology, Stan- ford University, since 1980. Previously with University of Oregon Medical School, Har- vard University, and University of California, Irvine. Member, National Academy of Sci- ences; Research Scientist Career Award, Na- tional Institute of Mental Health; Distingui- shed Scientific Contribution Award, American Psychological Association, 1977; Council, Society for Neuroscience, 1972–76; chair, Governing Board, Psychonomic Socie- ty, 1975–76. Current activities: Executive Committee, Assembly of Behavioral and So- cial Sciences, National Research Council; Biological Sciences Training Committee and Mental Health Research Education Review Committee, NIMH; editor, Physiological Psychology; Editorial Boards, Brain Re- search and Neurological Research; regional editor, Behavioral Brain Research and Physi- ology & Behavior.

Section K—Social, Economic, and Political Sciences

Council Delegate (one to be elected).

Suzanne Keller

Patricia Kendall

Suzanne Keller (sociology), 1929; Ph.D., 1953, Columbia University. Professor, Depart- ment of Sociology, Princeton University, since 1968. Previously with Brandeis University, Vassar College, and Graduate School of Ekistics, Athens (Fulbright professor). Guggenheim fellow, 1972; vice president, Ameri- can Sociological Association, 1975–76. Current activities: editor, ASA Arnold and Caro- line Rose Monograph Series; chair, Committee of Directors, Center for Research on the Acts of Man (Philadelphia); Jerusalem Committee; Board, Teleprompter Corporation; Site Visit- ing Committee, Department of Sociology, and Ad Hoc Selection Committee, Harvard Uni- versity.


Chairperson-Elect (one to be elected).

Kenneth J. Arrow

Robin M. Williams, Jr.

Kenneth J. Arrow (economics, operations research), 1921; B.Sc., 1940, City College of New York; M.A., 1941, and Ph.D., 1951, Columbia University. Joan Kenney professor of economics and professor of operations research, Stanford University, since 1979. Previously with University of Chicago and Harvard University. John Bates Clark Medal, American Economic Association; Nobel Memorial Prize in Economic Sciences, 1972; president, Econometric Society, 1956, Institute of Management Sciences, 1963, and AEA, 1972; member, National Academy of Sciences; Current and past president of the Con- tinent Economic Association; past president, American Academy of Arts and Sciences; Selection Committee for the Waterman Award, National Science Foundation; Faculty Advisory Board and Faculty Senate, Stan- ford University.

ties in Applied Sociology; chair, Nominations Committee, III, American Philosophical Society.

Member-at-Large of the Section Committee (one to be elected).

Kenneth Prewitt
Karl Schuessler

Kenneth Prewitt (social science), 1936; B.A., 1958, Southern Methodist University; M.A., 1959, Washington University; Ph.D., 1963, Stanford University. President, Social Science Research Council, since 1979. Previously on faculty, University of Chicago; past visiting professor, Stanford University, and visiting research fellow, University of Nairobi. Fellow, American Academy of Arts and Sciences; Council, American Political Science Association, 1970–72. Current activities: trustee, National Opinion Research Center; Governing Board, International Center for Insect Physiology and Ecology (Nairobi); Conference Board of Associated Research Councils; Board of Directors, SSRC; various editorial boards.

Karl Schuessler (sociology), 1915; B.A., 1936, Evanston College; M.A., 1939, University of Chicago; Ph.D., 1947, Indiana University. With Indiana University since 1947; distinguished professor of sociology since 1976. Previously with Vanderbilt University; past visiting professor, University of California, Los Angeles and Berkeley, and University of Washington. Advisory Panel on Sociology, National Science Foundation, 1962–63; Behavioral Section, National Institutes of Health, 1964–68; Social Science Research Study Section, 1968–70; and Social Science Training Study Section, 1969–73, National Institute of Mental Health; member, National Research Council.

Members of the Electorate Nominating Committee (two to be elected).

David Gold
Warren O. Hagstrom
Robert S. Weas


Section L—History and Philosophy of Science

Council Delegate (one to be elected).

David Gruender
Arthur L. Norberg


Daniel J. Kevles
Wesley C. Salmon


Member-at-Large of the Section Committee (one to be elected).

George Basalla
Richard M. Burián


Richard M. Burián (philosophy of science), 1941; B.A., 1963, Reed College; Ph.D., 1971, University of Pittsburgh. Associate professor of philosophy, Drexel University, since 1977. Previously with Brandeis University and Harvard University; past visiting positions, Florida A&M University and University of Pittsburgh. Past member of several committees of the American Philosophical Association and Philosophy of Science Association. Current activities: Editorial Board, Philosophy of Science.

Members of the Electorate Nominating Committee (two to be elected).

June Z. Fullmer
Edwin T. Layton, Jr.
Vivien Brodkin Shlanski
Linda Wenzel

June Z. Fullmer (history of science), 1920; B.Sc., 1943, and M.S.Chem., 1945, Illinois Institute of Technology; Ph.D., 1948, Bryn Mawr College. With Ohio State University since 1965; currently professor of history. Previously with Hood College, Chatham College, and Newcomb College, Tulane University. Carnegie fellow, 1946–48; Sarah Berliner fellow, 1948–49; American Council of Learned Societies fellow, 1960–61; Guggenheim fellow, 1963–64; chairman, History of Chemistry Division, American Chemical Society, 1970–71; Council, History of Science...


Section M—Engineering

Council Delegates (three to be elected).

Peter Elias
Edward W. Ernst
Frederick C. Nelson
Ronald F. Probst
Theodore S. Saad
F. Karl Willenbrock


Chairperson-Elect (one to be elected).

Jan A. Rajchman
Erie A. Walker


Member-at-Large of the Section Committee (one to be elected).

John G. Trzaska
Leo Young

John G. Trzaska (electrical engineering), 1924; A.B., 1944, Dartmouth College; B.S., 1947, and D.Sc., 1950, Massachusetts Institute of Technology. With State University of New York, Stony Brook, since 1972; distinguished teaching professor since 1977. Previously with Purdue University and Polytechnic Institute of Brooklyn. Education Medal, Instrument Society of America; George Westinghouse 1987 Award, American Society for Engineering Education; Education Medal, Institute of Electrical and Electronics Engineers, member, National Academy of Engineering; fellow, IEEE; president, ISA, 1965. Current activities: Committee on Public Understanding of Technology and Education Medallion Committee, IEEE; Research Advisory Council, Ford Motor Company. AAAS activities: Sec-
tion Committee, Section on Engineering, and 1972-74; Council on Industry, Technology, and Society, 1972-74; chairman, Committee on Public Understanding of Science, 1979-.


Members of the Electorate Nominating Committee (two to be elected).

Bernard Budiansky
National Committee
Richard M. Emberson
Anthony B. Giordano


Anthony B. Giordano (electrical engineering), 1915; B.E., 1937, M.E.E., 1939, and D.E.E., 1946, Polytechnic Institute of Brooklyn. With Polytechnic Institute of New York since 1952; professor of electrical engineering since 1953; dean of graduate studies since 1964. Concurrent positions with General Electric Company, National Defense Research Committee, and Microwave Research Institute. Member, Board of Governors, American Institute of Long Island Technical Societies, 1967; Distinguished Wisdom Award, Wisdom Society, 1970; Meritorious Award, Communication Society, Institute of Electrical and Electronics Engineers, 1976; fellow, IEEE; vice president, American Society for Engineering Education, 1974-75; past member or chairman of various boards and committees. Current activities: Fellow, American Institute of Electrical Engineers; Executive Committee, Institute of Electrical and Electronics Engineers; IEEE; past chairman, Awards Committee, IEEE; Board of Trustees, MIT Radio Astronomy Observatory; chairman, Awards Committee, IEEE Education Society; chairman, Senior Research Awards Committee, and Graduate Studies Division, ASEE; Board of Directors, Engineering Foundation; Hoover Medal Award Committee.

Section N-Medical Sciences

Council Delegates (seven to be elected).

Walter H. Abelmann
William G. Anderson
Gerald S. Berenson
Nemot O. Borhani
Anne M. Briscoe
Robert W. Dye
H. Jack Geiger
Bernard Holland
Sidney H. Inghar
Louis Leana
Edward M. Longino
Jonathan E. Rhoads
Jonas Salt
Ernest Saward
Jay Tepperman

Walter H. Abelmann (medicine, cardiology), 1921; A.B., 1943, Harvard University; M.D., 1946, University of Rochester. With Harvard Medical School since 1953, professor of medicine since 1972; professor of medicine, Harvard-MIT Division of Health Sciences and Technology, since 1974; director, Cardiovascular Research, Beth Israel Hospital, since 1979. Previously with Thorndike Memorial Laboratories and Boston City Hospital. Paul Dudley White Award, Massachusetts Affiliate, American Heart Association, 1979; president, New England Heart Association, 1964, Massachusetts Heart Association, 1966-67, Association of University Cardiologists, 1972-73, and Medical Care and Education Foundation (Tri-State Regional Medical Foundation), 1972-76. Current activities: Board of Directors, Massachusetts Affiliate, AHA; trustee and chairman, Bethesda Committee, American College of Cardiology; Council of Cardiomyopathies, International Society of Cardiology.

William B. Bean (medical humanities, internal medicine), 1909; B.A., 1932, and M.D., 1935, University of Virginia. Sir William Osler professor of medicine emeritus, University of Iowa. Previously with Iowa State University, University of Cincinnati, Cincinnati General Hospital, and University of Texas Medical Branch. John Horsley Memorial Prize, University of Virginia, 1944; Groedel Medal, American College of Cardiology, 1961; Harald Swangberg Award, American Medical Writers Association, 1969; McCollum Award, American Society for Clinical Nutrition, 1974; member, American Gastroenterological Association fellowship, American Medical Association, American Heart Association, American College of Chest Physicians, New York Academy of Sciences, Royal Society of Medicine, AMIA, and ACC; Honorary Counselor, American Medical Association; fellow, past president, Iowa Heart Association, Central Society for Clinical Research, American Osher Society, ASCN, and American Clinical and Climatological Association; past president, editorial boards, Medicine, Perspectives in Biology and Medicine, and others. AASP, NAS, SEC, Section on Medical Sciences (N), 1957; Committee, 1957 and 1979-81; Committee of Judges, Theobald Smith Award in the Medical Sciences, 1961; Electorate Nominating Committee, 1972-74.

Gerald S. Berenson (medicine, cardiovascular disease, research), 1922; B.S., 1943, and M.D., 1945, Tulane University. With Louisiana State University School of Medicine since 1953, professor since 1964, chairman of the newly created Center of Research-Arteriosclerosis, since 1972; head, Cardiology Section, since 1975. Previously with Tulane University School of Medicine, U.S. Public Health Service, 1950, and New Orleans, Louisiana, 1952-54, and New York City, 1954-57; Board of Trustees, American Heart Association, 1969, Louisiana Heart Association, 1971, and Musser-Burch Internal Medicine Society, 1980; vice president, American College of Nutrition, 1977. Current activities: Council on Cardiovascular Disease in the Young, Committee on Atherosclerosis and Hypertension in Childhood, Council on Epidemiology, and Council of Arteriosclerosis, American Heart Association.

Nemot O. Borhani (epidemiology), 1926; B.A., 1947, American University; M.D., 1949, University of Teheran; M.P.H., 1960, Johns Hopkins University. Professor and chairman, Department of Community Health, University of California, Davis, since 1968. Previously with Johns Hopkins Hospital, and California State Department of Public Health; staff, President's Commission on Heart Disease, Cancer and Stroke, 1964; past visiting professor, University of Santo Tomas (Philippines); Theobald Smith Award, 1967; B. Cumbings Humanitarian Award, American Col...
include: Medical Center; ACPM, vice Award, 21 Board, and tycine, association, Medicine.
Public Fellow, GraduateSchoolAssociation; tional tions; College Academy 1956, Robert Nations.AAAS Councilforthe president, University York College 1968; on ChestPhysicians, 1945, Vassar professor, Sciences, 1962, University, Sciences, 1957-58, Sterling fellow, ACC, vice president, Hunter College, City University New York. Sterling fellow, 1947-48; fellow, American Institute of Chemists, New York Academy of Sciences, and Yale Science and Engineering Association. Current activities: Board of Governors and chair, Yale, 1956. Nan. Academy of Sciences; New York City Commission on the Status of Women; Advisory Council, Institute of Nuclear Power Operations; president, Association for Women in Science; IASC; New York City, New York Chapter, AIC; vice president, Yale Graduate School Association; Association for Women in Science representative to the Unit ed Nations. AAAS activities: Section Com mittee on Education, 1979-80, and chairman, New York City Commission on Education, 1979-80, Association of Schools of Public Health; president, Wash ington State Public Health Association, 1976; vice president, General Preventive Medicine, ACCP; various activities, American Public Health Association; Board, Planned Parenthood Center of Seattle King County; Title IX (Medicaid) Advisory Committee, State of Washington; Board of Directors, Children's Cancer Research Foundation, New York Center; Editorial Committee, Annual Review of Public Health.

H. Jack Geiger (community medicine), 1925; M.D., 1938, Case Western Reserve University School of Medicine; M.Sci.Hyg., 1960, Harvard School of Public Health. Arthur C. Logan professor of community medicine, City College of New York, since 1978; also, professor, Tufts University School of Medicine, Tufts University School of Public Health, Harvard Medical School, and State University of New York, Stony Brook. Milbank faculty fellow, 1966-71; Na tional Health Achievement Award in Commu nity Medicine, American Heart Blue Shield Rosenhaus Award, American Public Health As sociation, 1973; Distinguished Service Award, Mississippi Association for Community Health for the Poor, 1973; Governing Council, American Public Health Association, 1974-80. Current activities include: Board of Sponsors and chairman, Policy Committee, Physicians for Social Respon sibility; Board of Trustees, National Medical Fellowships; Boards of Directors, Scientists' Institute for Public Information and Council for the Advancement of Science Writing; Committee on Health Policy, Na tional Association of Community Health Centers; Executive Committee, National Com mittee to Save Public General Hospitals. AAAS activities: Committees on the Social Aspects of Science, 1957-58, on Science in the Promo tion of Human Welfare, 1959-62, on Environ mental Alterations, 1969-73, and on Nomina tions, 1976-77.


Louis Lasagna (clinical pharmacology), 1923; B.S., 1943, Rutgers University; M.D., 1947, Cornell School of Medicine; professor of phar macology and toxicology and professor of medicine, University of Rochester, since 1970. Previously with Harvard University and Johns Hopkins University. Modern Medicine Award, 1973; Oscar B. Hunter Award, 1975; Award for Experimental Therapeutics, American Society for Pharmacology and Exper imental Therapeutics, 1976; past member of various boards and committees. Current ac tivities: University Councilor, Environmental Protection Agency; chairman, Committee on Substance Abuse and Habitual Be havior, National Academy of Sciences. AAAS activities: Nomination and Committee on Council Affairs, 1979-81.

Edmund D. Pellegrino (academic adminis tration, medicine), 1920; B.S., 1941, St. John's University; M.D., 1944, New York University School of Medicine; professor of phil ophy and biology, Catholic University of America, and professor of clinical medicine and community medicine, Georgetown Uni versity, since 1978. Previously with New York University, Homer Folks Tuberculosis Hospital, Hunterdon Medical Center, Univer sity of Kentucky, State University of New York, Stony Brook, University of Tennessee, and Yale University. Fellow, American Col lege of Physicians, American College of Chest Physicians, and New York Academy of Medicine; member, Institute of Medicine, National Academy of Sciences; New York Academy of Sciences; Sterling Medal and Achievement in Life Award, Ency clopedia Britannica, 1979; president, Society for Health and Human Values, 1969-70; past member or chairman of numerous commit tees. Current activities: chair, American Academy for the Advancement of the Humanities; chairman, Task Force on Policy Concerning Ethical Issues, National Board of Medical Examin ers; Presidential Commission on a National Agenda for the '80s; Editorial Boards, Journal of Medicine and Philosophy, Drug Therapy, Journal of Health Policy and Education, and others.


Jonas Salk (medicine, immunology), 1914; B.S., 1934, College of the City of New York; M.D., 1939, New York University; director and resident fellow, Salk Institute for Biological Studies; adjunct professor of health sciences, University of California, San Diego, since 1970. Previously with New York Uni versity College of Medicine, Mt. Sinai Hospital, University of Michigan, and University of Pittsburgh. National Research Council fellow, 1942-43; Presidential Citation, Congressional Gold Medal, and Criss Award, 1955; Albert Lasker Award, 1956, 1959, 1969, 1977; Pritzker Award and Albert Gablett Award, 1957; Gold Medal Award, National Institute of Social Sciences, 1959; Robert Koch Medal, 1963; Truman Commendation Award, 1966; Pabst Science Award, 1960, 1968; New Sweden Award for International Understanding, 1976; Presidential Medal of Freedom, 1977; fellow, American Public Health Association and American Academy of Arts and Sciences. Current activities: Expert Advisory Panel on Virus Diseases, World Health Organization. Ernest Saward (medicine), 1914; A.B., 1936, Colgate University; M.D., 1939, Uni versity of Rochester. Professor of social medicine and of medicine, University of
Rochester, since 1970. Previously with Han-ford Engineering Works (Manhattan Project) and Kaiser Medical Care Program (Alameda, Oregon); fellow, Center for Advanced Study in the Behavioral Sciences, and visiting pro-fessor, Stanford University, 1976–79. Mem-ber, Institute of Medicine, National Academy of Sciences; Distinguished Service Award, Group Health Association of America, 1976; Board of Medicine, NAS, 1967–70; Council, Institute of Medicine, 1970–73; chairman, Health Affairs Advisory Board, 1972–79; and National Professional Standards Review Council, 1973–76, U.S. Department of Health, Education, and Welfare; past mem-ber or chairman of various boards and com-mittees. Current activities: New York State Hospital Review and Planning Council; Visit-ing Committee, Harvard University (Health Services); Board of Directors, GHAA; chair-man, Board, Monroe Community Hospital.

Jay Tepperman (experimental medicine), 1914; A.B., 1933, University of Pennsylvania; M.D., 1938, Columbia University. With State University of New York Upstate Medical Center since 1946; professor since 1953. Previous positions: chief, Hematology Service, Bellevue Hospital, 1942–46; instructor, 1946–50, and associate professor, 1950–59, Yale University, and Army Chemical Center, Edgewood Arsenal; past visiting professor, Japan. J. E. Purkinje Medal, Czechoslovakian Academy of Sciences; currently, chairman, Society for Experimental Biology and Medicine; Board, Journal of Lipid Re-search; faculty exchange scholar, SUNY. AAAS activities: member-at-large of the Sec-tion Committee, Section on Medical Sciences, 1956–59; Council, 1979–81.

Chairperson-Elect (one to be elected).

Saul J. Farber
Norman Kretschmer

Saul J. Farber (medicine), 1918; A.B., 1938, and M.D., 1942, New York University. With New York University School of Medicine since 1948, Frederick H. King professor of medicine since 1978, acting dean since 1979, dean for academic affairs since 1978; concur-rently, director of medicine, Bellevue and University Hospitals, 1976–78; chair of the Achievement Award, NYU School of Medicine Alumni Association, 1966; Great Teacher Award, NYU Alumni Association, 1973; Distinguis hed Internist of the Year, American Society of Internal Medicine, 1976; recipient, Association Achievement Award, NYU Washington Square College of Arts and Science, 1978; master, American College of Physic ians; member, Institute of Medicine, Na-tional Academy of Sciences; fellow, New York Academy of Medicine; president, Har-vey Society, 1968–69, Association of Profes-sors of Medicine, 1973–74, and New York Heart Association, 1973–75; chairman, American College of Medical Education, 1973–76; past member or chairperson of numerous boards and committees. Current activities include: chairman, Publications Committee, ACP; Medical Advisory Board, Foundation for the Study of Wilson’s Disease, Inc.; Committee for a Two-Year Study of Nursing, Institute of Medicine; president and Board of Directors, Russell Sage Institute of Pathology; Board of Governors, Tel Aviv University (editor), American Journal of the Medical Sciences. AAAS activities: chairperson, Section on Medical Sciences, 1974.


Member-at-Large of the Section Committee (one to be elected).

Daniel X. Freedman
Helen M. Ranney

Daniel X. Freedman (psychiatry), 1921; B.A., 1947, Harvard University; M.D., 1951, Yale University. Louis Block professor and chairman, Department of Psychiatry, Univer-sity of Chicago, since 1966. Previously with Yale University, Yale-New Haven Commu-nity Hospital, and mental hospital, 1953–59; professor, University of Minnesota; chairman, Department of Psychiatry, University of Minnesota; president, University of Cincinnati, 1958; member, University of Minnesota, National Academy of Sciences; fellow, American College of Physicians and New York Academy of Sciences; councilor, Society for Experimental Biology and Medicine, 1976–80; past member or chairperson of various committees. Current activities: Executive Committee, Clinical Pharmacology Division, American Society of Pharmacology and Experimental Therapeu-tics; secretary, Clinical Pharmacology Section, International Union of Pharmacologists; Editorial or Advisory Boards, Current Topics in Drug Therapeutics, Pharmacology for Physicians, Journal of the American Medical Association, and others.

Henry Blackburn (cardiovascular medi-cine), 1925; B.S., 1947, University of Miami; M.D., 1948, Tulane University; M.S., 1957, University of Minnesota; Ph.D., 1956, University of Minnesota; 1953; currently professor and director, Laboratory of Physiological Hy-giene, School of Public Health, and professor of medicine, School of Medicine. Previously with American Hospital, School of Medicine, University of Helsinki, 1968; member, Institute of Medicine, National Academy of Sciences; fellow, American College of Physicians and New York Academy of Sciences; councilor, Society for Experimental Biology and Medicine, 1976–80; past visiting professor, University of Geneva. Thomas Francis Award, University of Michi-gan, 1975; Naylor Dana Award in preventive medicine, American Health Foundation, 1976; Louis Bishop Award, American College of Cardiology, 1979; member, Royal Academy of Medicine, Belgium; past member or chairman of various committees and boards. Current activities include: chairman, Preventive Cardiovascular Disease, ACC; Standing Committee on Trials, Council on Prevention, International Society of Cardiology; Commis-sion on Food Consumption Patterns, Food and Nutrition Board, National Academy of Sciences; Editorial Boards, Journal of Chronic Diseases, American Journal of Cardiology, American Heart Journal, Circulation, and Journal of Education and Rehabilitation.

M. Jean McMans (endocrinology, oncolo-gy), 1925; B.Sc., 1946, and M.Sc., 1947, McGill University; Ph.D., 1952, University of Western Ontario. With Michigan State Uni-versity since 1970; postdoctoral research as-sociate, Department of Anatomy, College of
Human Medicine, since 1975. Previously with Atomic Energy of Canada, Ltd.

Scott N. Swisher (internal medicine, hematology, immunohematology), 1918; B.S., 1943, M.B., 1944, and M.D., 1945, University of Minnesota. Professor, Michigan State University, since 1967; associate dean for research, College of Human Medicine, since 1978. Previously with University of Rochester School of Medicine and Dentistry. Emily Cooley lecturer, American Association of Blood Banks, 1962; secretary-treasurer, 1957–58. Board of Directors, 1969–71. American Society of Hematology. Current activities include: Board of Directors, New York Blood Center; Task Force on Manpower Training, Association of Professors of Medicine; Medical Sciences Panel, American Institute of Biological Sciences; Board of Governors, American National Red Cross; Panel on Clinical Sciences, Committee on a Study of National Needs for Bio-Medical and Behavioral Research Personnel, Commission on Human Resources, National Research Council; Board of Directors, National Society for Medical Research.

Section O—Agriculture

Council Delegate (one to be elected).

Keith Huston Ralph J. McCracken

Keith Huston (dairy science), 1926; B.S., 1949, M.S., 1950, and Ph.D., 1951, University of Wisconsin. Director-at-large, North Central Regional Association of State Agricultural Experiment Station Directors, and adjunct professor, Ohio State University, since 1979. Past chairman, Midwest Vegetable Institute and State University, Kansas State University, and University of Minnesota. Order of Archers; Distinguished Service Award, Theta Xi Fraternity; past chairman or member of numerous committees. Current activities include: chairman, Experiment Station Committee on Organization and Policy; cochairman, International Science and Education Research Committee; Joint Council on Food and Agriculture; trustee, Jules Robert Foundation; advisor, NC-141—National Atmospheric Deposition Program. AAAS activities: Electorate Nominating Committee, Section on Agriculture, 1978–80 (chairperson, 1980). Past chairman, Minnesota (soil science), 1921; A.B., 1942, Earlham College; M.S., 1951, Cornell University; Ph.D., 1956, Iowa State University. With U.S. Department of Agriculture since 1973; currently deputy chief, Soil Conservation Service. Previously with North Carolina State University and North Carolina Agricultural Experiment Station. Fellow, American Society of Agronomy and Soil Science; Sigma Xi; Meritorious Executive Award, Federal Civil Service; president, SSA, 1970, and Agricultural Research Institute, 1978–79. AAAS activities: Electorate Nominating Committee, Section on Agriculture, 1977–79.

Chairperson-Elect (one to be elected).

William P. Flatt Walter I. Thomas

William P. Flatt (agricultural research and administration), 1931; B.S., 1952, University of Tennessee; Ph.D., 1955, Cornell University. With University of Georgia since 1969; dean and coordinator, College of Agriculture, beginning in 1981. Previously with U.S. Department of Agriculture. Presidential Citation for outstanding contribution to the greater economy, 1965; USDA Superior Service Award, 1967; co-winner, Hobbittell National Award, 1968; University of Tennessee Block & Bridle Club Outstanding Alumnus Award, 1976; Honorary Fellow, American Society of Animal Science.

Walter I. Thomas (agronomy), 1919; B.S., 1949, M.S., 1953, and Ph.D., 1955, Iowa State University. Administrator, Cooperative Research, Soil and Plant Science, Iowa State Administration, U.S. Department of Agriculture, since 1979. Previously with Iowa State University and Pennsylvania State University. Fellow, American Society of Agronomy. Research Soil Science Society; past member or chairman of various committees and boards. Current activities include: Joint Council on Food and Agriculture; chairman, Steering Committee on Planning and Coordination, ICFIA; Board of Directors, Council for Agriculture and Science Technology; Advisory Board, National Soybean Crop Improvement Council; Board of Directors, North Central Rural Development Center; Forestry Board; Experiment Station Committee on Organization and Policy. AAAS activities: Electorate Nominating Committee, Section on Agriculture (O), 1978–80; member-at-large of the Section Committee, Section O, 1981–84.

Member-at-Large of the Section Committee (one to be elected).

Charles O. Gardner William E. Larson

Charles O. Gardner (plant genetics, breeding), 1919; B.Sc., 1941, and M.S., 1948, University of Nebraska; B.Sc., 1943, Harvard University; Ph.D., 1951, North Carolina State University. With University of Nebraska since 1957; Foundation professor of agronomy since 1970. Previously with North Carolina State University and University of Wisconsin. Fellow, American Society of Agronomy; Gamma Sigma Delta International Award for Distinguished Service to Agriculture, 1977; Crop Science Award, Crop Science Society of America; 1978; Award for Outstanding Research and Creative Activity, University of Nebraska, 1981; president, CSSA, 1973. Current activities: president-elect, ASA; National Plant Genetics Resources Board; National Corn Research Coordinating Committee; Executive Committee and Board of Directors, ASA; NCR-21 Quantitative Genetics Technical Committee; Editorial Boards, Brazilian Journal of Genetics and Egyptian Journal of Genetics and Cytology.

William E. Larson (soil science), 1921; B.S., 1944, and M.S., 1946, University of Nebraska. Associate Professor, 1945; Associate Dean, 1948; Iowa State University. With U.S. Department of Agriculture since 1950; research leader, USDA Science and Education Administration, University of Minnesota, St. Paul, since 1967. Previously with Iowa State University. Fellow, American Society of Agronomy, Soil Conservation Society of America, and Soil Science Society; Soil Science Award, 1973; USDA Superior Service Award, 1975; Crops and Soils Award, 1975; Outstanding Service Award, 1980; past president, SSA. Current activities: Executive Committee, ASA; chairman, Editorial Advisory Committee, Soils and Tillage Research; chairman, Awards Committee, Organization and Policy Committee, SSA.

Members of the Electorate Nominating Committee (two to be elected).

Raymond R. Altmars Dale E. Baker


Donald N. Davick (plant breeding, genetics), 1924; B.S., 1948, University of Illinois; Ph.D., 1951, Washington University. With Pioneer Hi-Bred International, Inc., since 1951; director, Plant Breeding Division, since 1979; Plant Breeding Journal, 1977–80; past chairman, Division S-2, SSA. Current activities: Board of Directors and Publication Committee, SSA.

Section P—Industrial Science

Council Delegate (one to be elected).

John D. Caplan Herbert I. Fusfeld

John D. Caplan (chemical engineering), 1926; B.S., 1949, Oregon State University; M.S., 1955, Wayne State University. With General Motors Research Laboratories since 1949; executive director since 1969. Crompton-Lancaster Medal, Institute of Mechanical Engineers, 1964; Fellow, National Acad-
emy of Engineering; fellow, American Insti-
tute of Chemical Engineers; chairman, Vehi-
cle Emission Committee, 1962–65, and Horning Memorial Board of Award, 1976–77; Society of Automotive Engineers; president, Coordinating Research Council, 1975–77. Current activities: boards of Directors, CRC, Detroit Science Center (vice president), and Directors of Industrial Research (secretary, 1961–63), National Association of Engineering Societies; Pollution Control Processes Peer Review Panel, U.S. Environmental Protection Agency. AAAS activi-

Herbert I. Fasfield (research physics), 1921; B.A., 1941, Brooklyn College; M.A., 1945, and Ph.D., 1950, University of Pennsylvania; Director, Center for Science and Technology Policy, New York University, since 1978. Previously with Frankford Arsenal, American Machine and Foundry Company, and Kenne-
cott Copper Company, Socorro, New Mexico. American Institute of Physics, 1967–70; Numerical Data Advisory Board, National Re-
search Council, 1970–75; president, Industrial Research Institute, 1973–74; Board of Trust-

J. Kenneth Craver (chemistry, futures re-
search, planning), 1915; B.Ed., 1937, Southern Illinois University; M.S., 1938, Syracuse University. President and director, Future-
search Conferences, 1966. Current activities: sitting member, Corporate Planning Committee, Divisional Officers Conference, and Council, ACS; trustee, Institute for the Future; organizing chairman, Corporate Plan-
ners Round Table. AAAS activities: member-at-large of the Section Committee, Section on Industrial Science, 1977–80.

Nat C. Robertson (physical chemistry), 1919; A.B., 1939, Emory University; Ph.D., 1942, Princeton University. Corporate direc-
tor and technical advisor on research manage-
ment since 1977. Previously with Standard Oil Company, Celanese Corporation of America, National Research Corporation, Escambia Chemical Corporation (consultant), P McCaw Company, and Air Products and Chemicals, Inc. (senior vice president and director). Presi-

Member-at-Large of the Section Committee (one to be elected).

Julius J. Harwood
Lawrence M. Kushner

Julius J. Harwood (materials science and engineering), B.S., 1945; Queens College, City of New York; M.S., 1953, University of Mary-
land. With Ford Motor Company since 1960; director, Materials Sciences Laboratory, since 1975. Previously with U.S. Naval Gun Factory and Office of Naval Research. Fellow, American Society for Metals and The Metal-
lurgical Society of the American Institute of Mining, Metallurgical and Petroleum En-
neers; member, National Academy of Engi-
nueering; associate editor, Journal of Research, National Bureau of Standards, 1977–78; editor, American Society for Metals and The Metal-
lurgical Society of the American Institute of Mining, Metallurgical and Petroleum En-
neers; member, National Academy of Engi-
nueering; associate editor, Journal of Research, National Bureau of Standards, 1977–78; editor, American Society for Metals and The Metal-
lurgical Society of the American Institute of Mining, Metallurgical and Petroleum En-
neers; member, National Academy of Engi-
nueering; associate editor, Journal of Research, National Bureau of Standards, 1977–78; editor, American Society for Metals and The Metal-
lurgical Society of the American Institute of Mining, Metallurgical and Petroleum En-
neers; member, National Academy of Engi-
nueering; associate editor, Journal of Research, National Bureau of Standards, 1977–78; editor, American Society for Metals and The Metal-
lurgical Society of the American Institute of Mining, Metallurgical and Petroleum En-
neers; member, National Academy of Engi-
nueering; associate editor, Journal of Research, National Bureau of Standards, 1977–78; editor, American Society for Metals and The Metal-
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Chairperson-Elect (one to be elected).

Hans O. Andersen
I. Joyce Swartney


I. Joyce Swartney (science education), 1935; B.S., 1938, University of Detroit; M.S., 1961, University of Pennsylvania; Ph.D., 1968, Uni-
iversity of Wisconsin. With Buffalo State Uni-

Cane Derivatives Research Institute and Uni-
versity of Havana.

William P. Hettinger, Jr. (petroleum pro-
cessing, heterogeneous catalysis and research management), 1922; B.S., 1947, Purdue Uni-

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Section R—Dentistry

Chairperson-Elect (one to be elected).

Lois K. Cohen
Erling Johansen

Lois K. Cohen (sociology), 1938; B.A., 1960, University of Pennsylvania; M.S., 1961, and Ph.D., 1962, University of Wisconsin. Previous member, National Institutes of Health since 1970; special assistant to the director, National Institute of Dental Research, since 1976. Previously with U.S. Public Health Service. President, Behavioral Scientists in Dental Research, 1971–72; Board of Directors, 1976–77, and chairman, Committee on Health Promotion, 1978–79, International Association for Dental Research; Subcommittee on Dental Health, Committee on Public Health, Institute of Medicine, National Academy of Sciences, 1977–78; chairman, Nominating Committee, and member, Board of Directors, 1980–81, American Association for Dental Research. Current activities: chairman, Membership Committee, and councilor, Behavioral Science Group, AADR; Executive Committee, BSDR; chairman, International Relations Committee, AADR; Technical Review Board for Office of Management and Budget Clearance, National Institute of Mental Health; Committee on Employment, Eastern Sociological Society. AAAS activities: Section Committee, Section on Dentistry (R), and Council, 1971–72; member-at-large of the Section Committee, Section R, 1974–75.

Erling Johansen (dentistry), 1923; D.M.D., 1949, Tufts College Dental School; Ph.D., 1951, University of Rochester; Dean, Tufts University School of Dental Medicine, since 1979. Previously with University of Rochester. Fellow, American College of Dentists and International College of Dentists; ICD traveling scholar, Asian Pacific countries, 1970; Award of Merit, Rochester Academy of Medicine, 1977; chairman, Rochester Section, 1962–65, member and chairman, Hatton Awards Committee, 1968–75, and member, Board on Dental Research, 1974–75, and American Association for Dental Research; chairman, Section on Advanced Education, 1969–70, and vice president, Advanced Education Program, 1966–67, American Dental Association; chairman, Western New York Section, ACD, 1977; past member of various additional committees. Current activities: secretary-treasurer, Board of Directors, and Membership; chairman, AAA; chair, AADR; council, Council on Scientific Research, Massachusetts Dental Society. AAAS activities: member-at-large of the Section Committee, Section on Dentistry (R), 1964–67 and 1973–76; Council, 1964–67, Dental Section Committee, Section R, 1974–76.

Member-at-Large of the Section Committee (one to be elected).

Andrew D. Diaz
John F. Goggins

Andrew D. Diaz (dentistry), 1925; B.D.S., 1949, University of the West Indies; Ph.D., 1958, University of Manchester. Professor, University of California, Los Angeles, Center for Health Sciences, since 1973. Previously with University of Manchester and University of North Carolina; past visiting associate professor, University of Iowa. Nuffield Foundation fellow, 1953–54; Fulbright senior fellow, 1959–61; Commonwealth Fund fellow, 1961; fellow, American College of Dentists; past chairman, National Academy of Sciences; past member or chairman of various boards and committees. Current activities: Council on Dental Affairs, American Dental Association; immediate past president, Western Conference of Dental Deans and Examiners. AAAS activities: Electorate Nominating Committee, Section on Dentistry (R), 1974–75; member-at-large of the Section Committee, Section R, 1978–81.


Members of the Electorate Nominating Committee (two to be elected).

Harold Loe
Hannesbort T. Loery
A. H. Mendenhall
Jerry D. Newland

Harold Loe (dentistry, academics), 1926; D.D.S., 1952, and Dr.Odontology, 1961, Oslo University, Dean, University of Connecticut

Members of the Electorate Nominating Committee (two to be elected).


Section R—Dentistry

Chairperson-Elect (one to be elected).

Lois K. Cohen
Erling Johansen

Lois K. Cohen (sociology), 1938; B.A., 1960, University of Pennsylvania; M.S., 1961, and Ph.D., 1962, University of Wisconsin. Previous member, National Institutes of Health since 1970; special assistant to the director, National Institute of Dental Research, since 1976. Previously with U.S. Public Health Service. President, Behavioral Scientists in Dental Research, 1971–72; Board of Directors, 1976–77, and chairman, Committee on Health Promotion, 1978–79, International Association for Dental Research; Subcommittee on Dental Health, Committee on Public Health, Institute of Medicine, National Academy of Sciences, 1977–78; chairman, Nominating Committee, and member, Board of Directors, 1980–81, American Association for Dental Research. Current activities: chairman, Membership Committee, and councilor, Behavioral Science Group, AADR; Executive Committee, BSDR; chairman, International Relations Committee, AADR; Technical Review Board for Office of Management and Budget Clearance, National Institute of Mental Health; Committee on Employment, Eastern Sociological Society. AAAS activities: Section Committee, Section on Dentistry (R), and Council, 1971–72; member-at-large of the Section Committee, Section R, 1974–75.

Erling Johansen (dentistry), 1923; D.M.D., 1949, Tufts College Dental School; Ph.D., 1951, University of Rochester; Dean, Tufts University School of Dental Medicine, since 1979. Previously with University of Rochester. Fellow, American College of Dentists and International College of Dentists; ICD traveling scholar, Asian Pacific countries, 1970; Award of Merit, Rochester Academy of Medicine, 1977; chairman, Rochester Section, 1962–65, member and chairman, Hatton Awards Committee, 1968–75, and member, Board on Dental Research, 1974–75, and American Association for Dental Research; chairman, Section on Advanced Education, 1969–70, and vice president, Advanced Education Program, 1966–67, American Dental Association; chairman, Western New York Section, ACD, 1977; past member of various additional committees. Current activities: secretary-treasurer, Board of Directors, and Membership; chairman, AAA; chair, AADR; council, Council on Scientific Research, Massachusetts Dental Society. AAAS activities: member-at-large of the Section Committee, Section on Dentistry (R), 1964–67 and 1973–76; Council, 1964–67, Dental Section Committee, Section R, 1974–76.

Member-at-Large of the Section Committee (one to be elected).

Andrew D. Diaz
John F. Goggins
School of Dental Medicine, since 1974. Previously with Oslo University, Norwegian Institute for Dental Research, Royal Dental College (Denmark), and University of Michigan; past visiting professor, Hebrew University. Fullbright fellow, 1957–58; International Award (Am. Soc. of P. Physiol); Health Service fellow, University of Illinois since 1968; associate professor of pediatric dentistry since 1972. Previously with University of Sao Paulo and Northwestern University. Pan American Union, 1971; Council of Dental Service fellow, 1962–63; treasurer, 1975–76, secretary, 1976–77, and president, 1977–78, Chicago Section, American Association for Dental Research; director, 1975–78, and pres- ident, 1978–80, Craniofacial Biology Group, University of Illinois. With University of Ireland since 1972; fellow, American Institute of Chemical Sciences. Current activities: Committee on Drug Metabolism/Biopharmaceutics, Pharmaceutical Manufacturers Association; vice chair- man, Committee on Regulations and Standards, APHA; chair, Society for Clinical Pharmacology & Biopharmaceutics; Editorial Boards, Clinical Pharmacology and Therapeutics and Journal of Biopharma- ceutics and Drug Disposition; lecturer at nu- merous universities. A.A.S activities: Electorate Nominating Committee, Section on Pharmaceutical Sciences, 1978–80 (chairperson, 1980).

Member-at-Large of the Section Committee (one to be elected).

Betty-ann Hoener
Thomas F. Patton


Section T—Information, Computing, and Communication

Chairperson-Elect (one to be elected).

Robert Lee Charrtrand
Bever C. Griffith


Section W—Atmospheric and Hydroospheric Sciences

Chairperson-Elect (one to be elected).

Kristina B. Katsaros
Hans A. Panofsky


H. Frank Eden
Barry Saltzman


Members of the Electorate Nominating Committee (two to be elected).

William R. Holland
Andrew P. Ingersoll
Chayton A. Paulson
Warren M. Washington


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Section X—General

Chairperson—Elect (one to be elected).

Harold P. Green
Lora Mangum Shields


Lora Mangum Shields (ecology, health), 1912; B.S., 1940, and M.S., 1942, University of Iowa. Visiting professor, Navajo Community College, since 1978; research associate, Navajo Health Authority, since 1980; professor emeritus of biology, New Mexico Highlands University. Phi Sigma Award, University of New Mexico, 1941; Scientist of the Year, New Mexico Academy of Science, 1965; Certificate of Merit, Desert and Arid Zones Research, Southwestern and Rocky Mountain Division, AAAS, 1979; past president and treasurer, New Mexico Academy of Science; past vice president, Ecological Society of America; past president, National Association of Academies of Science. Current activities include: Rural Health Initiative Board, Navajo Health Service Unit; Editorial Board, New Mexico Academy of Science Journal. AAAS activities: Executive Committee, 1958–61, president, 1959–60, and executive officer, 1978–79, Southwestern and Rocky Mountain Division; Council, 1970–73 and 1979; Section Committee, Section X—General, 1960–; Committee on Population Explosion and Birth Control, 1966–67; Committee on Nominations and Elections, 1972–73; Committee on Trustees, National Education, 1973–74; Committee on Arid Lands, 1974–80; member-at-large of the Section Committee, Section X, 1976–79; Committee on Council Affairs, 1979.

Member-at-Large of the Section Committee (one to be elected).

Dean Abrahamson
Rosemary Clark


Members of the Electorate Nominating Committee (two to be elected).

William S. Friedlander
Rae Goodell
Alan H. McGowan
Walter A. Rosenblith


Rae Goodell (public understanding of science), 1924; B.A., 1947, Pomona College; Ph.D., 1975, Stanford University. With Massachusetts Institute of Technology since 1975; associate professor of science writing, beginning in 1981. Current activities: Council for the Development of Science Writing; Science Writing Educators Group, Association for Education in Journalism. AAAS activities: Committee on Public Understanding of Science, 1981–.


Walter A. Rosenblith (biophysics), 1913; Ingénieur Radiotélégraphiste, 1936, University of Bordeaux; Ingénieur Radioélectricien, 1937, Ecole Superieure de l’Electricité. With Massachusetts Institute of Technology since 1951; professor since 1957; institute professor since 1975. Previously with New York University, University of California, Los Angeles, South Dakota School of Mines and Technology, and Harvard University. Member, National Academy of Sciences, National Academy of Engineering, and Institute of Medicine; fellow, Acoustical Society, Institute of Electrical and Electronic Engineers, and Society of Experimental Psychologists; past member or chairman of various boards and committees. Current activities include: Editorial Boards, Biological Cybernetics and Linguistic Inquiry; Corporation, Boston Museum of Science; Committee on Scholarly Communication with the People’s Republic of China; Board of Trustees, Brandeis University; Advisory Committee, Center for Advanced Study in the Behavioral Sciences. AAAS activities: Section Committee, Section X—General, and Council, 1964–71.