

AAAS Annual Elections: Preliminary Announcement

The Association's 1984 elections will be held in September. All members will receive ballots in the general election 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 receive an electorate ballot for section chairperson-elect, member-at-large of the section committee, and members of the electorate nominating committee. In addition, seven electorates will elect Council delegates. Members who have not yet enrolled in an electorate are invited to inform the Association now of the electorate (section) of their choice.

Candidates for all positions are listed below. Additional names may be placed in nomination for any position by petition submitted to the Executive Officer not later than 16 July. Petitions nominating candidates for president-elect, members of the Board, or members of the Committee on Nominations must bear the signatures of at least 100 members of the Association. Petitions nominating candidates for any electorate or section position must bear the signatures of at least 50 members of the electorate. A petition to place an additional name in nomination for any position must be accompanied by the nominee's curriculum vitae and statement of acceptance of nomination.

Biographical information about the following candidates will be enclosed with the ballots mailed to members in late August.

General Election

President-Elect

Robert McC. Adams, University of Chicago

Lawrence Bogorad, Harvard University

Board of Directors

Mildred S. Dresselhaus, Massachusetts Institute of Technology

Mary L. Good, UOP, Inc.

Donald N. Langenberg, University of Illinois, Chicago

Percy A. Pierre, Prairie View A&M University

Committee on Nominations

Betsy Ancker-Johnson, General Motors Corporation

Richard C. Atkinson, University of California, San Diego

Peter B. Boyce, American Astronomical Society

Janet Welsh Brown, Washington, D.C.

Lloyd M. Cooke, National Action Council for Minorities in Engineering, Inc.

William N. Hubbard, Jr., Upjohn Company

Jonathan King, Massachusetts Institute of Technology

Mary Budd Rowe, University of Florida

Electorate Elections

Section A—Mathematics

Chairperson-Elect

Peter D. Lax, New York University
 Steve Smale, University of California, Berkeley

Member-at-Large of the Section Committee

Lenore Blum, Mills College
 Robert E. Tarjan, AT&T Bell Laboratories

Members of the Electorate Nominating Committee

Phyllis A. Fox, AT&T Bell Laboratories
 Richard K. Lashof, University of Chicago

Marian Boykan Pour-El, University of Minnesota, Minneapolis

P. Emery Thomas, University of California, Berkeley

Section B—Physics

Chairperson-Elect

Edwin L. Goldwasser, University of Illinois, Champaign

Paul C. Martin, Harvard University
Member-at-Large of the Section Committee

Elizabeth Urey Baranger, University of Pittsburgh

Roger G. Newton, Indiana University

Members of the Electorate Nominating Committee

Jill C. Bonner, University of Rhode Island

Henry Ehrenreich, Harvard University

Glennys R. Farrar, Rutgers University

Morton Hamermesh, University of Minnesota, Minneapolis

Section C—Chemistry

Chairperson-Elect

Blaine C. McKusick, Wilmington, Delaware

Hans Neurath, University of Washington

Member-at-Large of the Section Committee

Dale B. Baker, Chemical Abstracts Service

Henry Rapoport, University of California, Berkeley

Members of the Electorate Nominating Committee

H. E. Carter, University of Arizona
 Stanley J. Cristol, University of Colorado

Max Tishler, Wesleyan University
 Peter E. Yankwich, University of Illinois, Urbana

Section D—Astronomy

Chairperson-Elect

Michael J. S. Belton, Kitt Peak National Observatory

David G. Hummer, University of Colorado

Member-at-Large of the Section Committee

Andrea K. Dupree, Smithsonian Astrophysical Observatory
 Yoji Kondo, Goddard Space Flight Center

Members of the Electorate Nominating Committee

George R. Carruthers, Naval Research Laboratory

Frank D. Drake, Cornell University
 Harry L. Shipman, University of Delaware

Chi-Chao Wu, Computer Sciences Corporation

Section E—Geology and Geography

Chairperson-Elect

Robert H. Fakundiny, New York State Geological Survey

William W. Hambleton, University of Kansas, Lawrence

Member-at-Large of the Section Committee

Robert E. Boyer, University of Texas, Austin

Clarissa T. Kimber, Texas A&M University

Members of the Electorate Nominating Committee

Jane Bowyer, Mills College

Nicholas Helburn, University of Colorado

Elizabeth R. King, U.S. Geological Survey

Jean H. Langenheim, University of California, Santa Cruz

Section G—Biological Sciences

Chairperson-Elect

Grover C. Stephens, University of California, Irvine

Ruth D. Turner, Harvard University

Member-at-Large of the Section Committee

James J. McCarthy, Harvard University

Lisa A. Steiner, Massachusetts Institute of Technology

Members of the Electorate Nominating Committee

Eugene H. Cota-Robles, University of California, Santa Cruz

M. A. R. Koehl, University of California, Berkeley

Richard L. Miller, Temple University

Ethel Ashworth Tsutsui, Texas A&M University

Section H—Anthropology

Chairperson-Elect

Richard I. Ford, University of Michigan

G. William Skinner, Stanford University

Member-at-Large of the Section Committee

George L. Cowgill, Brandeis University

H. Martin Wobst, University of Massachusetts, Amherst

Members of the Electorate Nominating Committee

Anita L. Alvarado, University of New Mexico

Harvey M. Bricker, Tulane University

Don S. Rice, University of Chicago

Margaret J. Schoeninger, Johns Hopkins University

Section J—Psychology

Council Delegates

Russell DeValois, University of California, Berkeley

James G. Greeno, University of Pittsburgh

Leslie H. Hicks, Howard University

John A. Swets, Bolt Beranek and Newman, Inc.

Chairperson-Elect

John Garcia, University of California, Los Angeles

Richard F. Thompson, Stanford University

Member-at-Large of the Section Committee

Richard T. Louttit, National Science Foundation

Mark R. Rosenzweig, University of California, Berkeley

Members of the Electorate Nominating Committee

Robert A. Rescorla, University of Pennsylvania

Jeri A. Sechzer, Cornell University Medical College

David Y. Teller, University of Washington

Allan R. Wagner, Yale University

Section K—Social, Economic, and Political Sciences

Council Delegate

Albert J. Reiss, Jr., Yale University

James F. Short, Jr., Washington State University, Pullman

Chairperson-Elect

Renée C. Fox, University of Pennsylvania

Patricia L. Kendall, City University of New York

Member-at-Large of the Section Committee

Mary E. W. Goss, Cornell University

Nathan Rosenberg, Stanford University

Members of the Electorate Nominating Committee

Elizabeth Cohen, Stanford University

Duncan MacRae, Jr., University of North Carolina, Chapel Hill

Seymour Melman, Columbia University

Samuel H. Preston, University of Pennsylvania

Section L—History and Philosophy of Science

Ruth Schwartz Cowan, State University of New York, Stony Brook

Arthur L. Donovan, Virginia Polytechnic Institute and State University

Chairperson-Elect

Ronald N. Giere, Indiana University

Sally Gregory Kohlstedt, Syracuse University

John Beatty, Arizona State University

Linda A. Wessels, Indiana University

Members of the Electorate Nominating Committee

Jane Maienschein, Arizona State University

Ronald J. Overmann, National Science Foundation

Nathan Reingold, Smithsonian Institution

Michael M. Sokal, Worcester Polytechnic Institute

Section M—Engineering

Council Delegates

Daniel C. Drucker, University of Illinois, Urbana

Wayland C. Griffith, North Carolina State University, Raleigh

James H. Mulligan, University of California, Irvine

Marjorie R. Townsend, Washington, D.C.

Chairperson-Elect

Peter Elias, Massachusetts Institute of Technology

Jerome J. Suran, University of California, Davis

Member-at-Large of the Section Committee

Hilton U. Brown III, IBM Corporation

George Sinclair, Sinclair Radio Laboratories, Ltd.

Members of the Electorate Nominating Committee

G. Conrad Dalman, Cornell University

Richard W. Damon, Sperry Corporation

Frederick C. Nelson, Tufts University

Robert H. Page, Texas A&M University

Section N—Medical Sciences

Council Delegates

Henry Blackburn, University of Minnesota, Minneapolis

George A. Bray, University of Southern California

Jacob A. Brody, National Institute on Aging

Robert W. Day, Fred Hutchinson Cancer Research Center

William H. Foege, Centers for Disease Control, Atlanta

H. Jack Geiger, City University of New York

Jimmie C. Holland, Memorial Sloan-Kettering Cancer Center

Darwin R. Labarthe, University of Texas, Houston

Kenneth L. Melmon, Stanford University

David P. Rall, National Institute of Environmental Health Sciences

Arnold S. Relman, *The New England Journal of Medicine*

David Schottenfeld, Memorial Sloan-Kettering Cancer Center

Albert J. Stunkard, University of Pennsylvania

I. Bernard Weinstein, Columbia University

Chairperson-Elect

Harriet P. Dustan, University of Alabama

Alexander Leaf, Harvard Medical School

Member-at-Large of the Section Committee

Lissy F. Jarvik, University of California, Los Angeles

Joseph Stokes III, Boston University

Members of the Electorate Nominating Committee

William E. Connor, Oregon Health Sciences University

Frederick H. Epstein, University of Zurich

Cecil G. Sheps, University of North Carolina, Chapel Hill

Arthur C. Upton, New York University

Section O—Agriculture

Council Delegate

Orville G. Bentley, U.S. Department of Agriculture

Roger L. Mitchell, University of Missouri, Columbia

Chairperson-Elect

William E. Larson, University of Minnesota, St. Paul

Paul E. Waggoner, Connecticut Agricultural Experiment Station

Member-at-Large of the Section Committee

William L. Colville, University of Georgia

Robert G. Gast, Michigan State University

Members of the Electorate Nominating Committee

Arthur L. Hooker, DeKalb-Pfizer Genetics

M. B. Kirkham, Kansas State University

Charles F. Murphy, U.S. Department of Agriculture

Calvin O. Qualset, University of California, Davis

Section P—Industrial Science

Council Delegate

Ward J. Haas, Chesebrough-Pond's, Inc.

Nat C. Robertson, Princeton, New Jersey

Chairperson-Elect

James L. Dwyer, Millipore Corporation

Frank X. Werber, J. P. Stevens & Company, Inc.

Member-at-Large of the Section Committee

Howard K. Nason, Howard K. Nason Associates

Charles S. Tuesday, General Motors Research Laboratories

Members of the Electorate Nominating Committee

Dayton Clewell, Darien, Connecticut

Donald W. Collier, Chicago, Illinois

Albert H. Rubenstein, Northwestern University

Albert R. C. Westwood, Martin Marietta Corporation

Section Q—Education

Chairperson-Elect

Burton E. Voss, University of Michigan

Robert E. Yager, University of Iowa

Member-at-Large of the Section Committee

Rodger W. Bybee, Carleton College

John Vanausdall, Children's Museum, Indianapolis

Members of the Electorate Nominating Committee

Norman D. Anderson, North Carolina State University, Raleigh

Audrey Briggs Champagne, University of Pittsburgh

Leopold E. Klopfer, University of Pittsburgh

Elizabeth K. Stage, Lawrence Hall of Science

Section R—Dentistry

Chairperson-Elect

Harald Loe, National Institute of Dental Research

Richard P. Suddick, University of Texas, San Antonio

Member-at-Large of the Section Committee

Robert E. Moyers, University of Michigan

Juan M. Navia, University of Alabama

Members of the Electorate Nominating Committee

Hannelore T. Loevy, University of Illinois, Chicago

Karl-Ake H. Omnell, University of Washington

Norton M. Ross, Warner-Lambert Company

Richard Lyle Webber, National Institute of Dental Research

Section S—Pharmaceutical Sciences

Chairperson-Elect

Thomas F. Patton, University of Kansas

Grant R. Wilkinson, Vanderbilt University

Member-at-Large of the Section Committee

Ruth N. Havemeyer, Syntex Research

Joseph V. Swintosky, University of Kentucky

Members of the Electorate Nominating Committee

William E. Evans, St. Jude Children's Research Hospital

Nicholas G. Lordi, Rutgers University

Valentino J. Stella, University of Kansas

Matthew Verderame, Union University

Section T—Information, Computing, and Communication

Chairperson-Elect

Lois F. Lunin, Herner and Company

Marshall C. Yovits, Purdue University

Member-at-Large of the Section Committee

Linda C. Smith, University of Illinois, Urbana

Harold Wooster, National Library of Medicine

Members of the Electorate Nominating Committee

Andrew A. Aines, National Library of Medicine

Hilary D. Burton, U.S. Department of Agriculture

Ching-chih Chen, Simmons College

Martin M. Cummings, Council on Library Resources

Section U—Statistics

Chairperson-Elect

Howard Levene, Columbia University

Margaret E. Martin, Arlington, Virginia

Member-at-Large of the Section Committee

Agnes M. Herzberg, University of London

Peter J. Huber, Harvard University

Members of the Electorate Nominating Committee

Lyle Calvin, Oregon State University

Churchill Eisenhart, National Bureau of Standards

Donald B. Owen, Southern Methodist University

Emanuel Parzen, Texas A&M University

Section W—Atmospheric and Hydrospheric Sciences

Chairperson-Elect

David Atlas, Goddard Space Flight Center

D. James Baker, Joint Oceanographic Institutions, Inc.

Member-at-Large of the Section Committee

John S. Perry, National Research Council

Warren M. Washington, National Center for Atmospheric Research

Members of the Electorate Nominating Committee

Robert C. Beardsley, Woods Hole Oceanographic Institution

David D. Houghton, University of Wisconsin

Allan R. Robinson, Harvard University

Harris B. Stewart, Jr., Old Dominion University

Section X—General

Chairperson-Elect

Dean Abrahamson, University of Minnesota, Minneapolis

Howard J. Lewis, Bethesda, Maryland

Member-at-Large of the Section Committee

Anne Keatley, National Academy of Sciences/National Research Council

Carol L. Rogers, AAAS

Members of the Electorate Nominating Committee

Nicholas A. Ashford, Massachusetts Institute of Technology

Rachelle D. Hollander, National Science Foundation

Gretchen Schabtach Kolsrud, Office of Technology Assessment

Glenn Paulson, National Audubon Society

Interciencia Focuses on Plant Resources and Latin Biotechnology Network

This spring, the Interciencia Association (IA), assisted in a program aimed at encouraging the utilization of underexploited plant resources in the Americas while continuing to cooperate with a new Latin American Network of Biotechnology Centers.

• At Ríonegro, Colombia, in March, botanists, phytochemists, and other experts from the nine countries whose scientific organizations constitute IA (Brazil, Canada, Colombia, Costa Rica, Jamaica, Mexico, Peru, the United States, and Venezuela) led a seminar ranking the merits of plant species which are potential new sources of food, energy, or industrial raw materials. Together with delegates from the member associations, they drafted a report recommending establishment of the Interciencia Biore-sources Program (PIRB) and indicated some eight species as prime candidates deserving the research, development, or commercialization efforts of more than

one country. The report is to be presented to the Inter-American Development Bank which supported a 2-year study leading to the PIRB recommendations, and to other potential funding agencies.

AAAS was represented at the meeting by Richard Evans Schultes, director of the Harvard University Botanical Museum, who has chaired an AAAS advisory panel on PIRB since 1982, and by Philip H. Abelson, editor of *Science*.

Participating scientists were enthused at the prospect of fresh approaches and increased resources for cooperative research in tropical America on useful plants, whether typified by the jessenia and peach palms, or leguminous shrubs such as calliandra and prosopis. As IA president Michel Bergeron remarked to leaders of the Colombian Association for Advancement of Science, who hosted the seminar, "Three years of work have led to eight projects, which should launch a great endeavor—the essential objective of Interciencia."

• Several thousand miles south, scientists from the principal biotechnology centers of Latin America gathered at La Plata, Argentina, to plan for stronger Latin American participation in world biotechnology through regional technical cooperation. With the encouragement of the United Nations Development Programme (UNDP), Unesco, and other groups, organizing scientists from seven countries, together with delegates from the governments of Argentina, Chile, Costa Rica, Cuba, Mexico, and Venezuela reached agreement during the week of 19 March to establish the Latin American Network of Biotechnology Centers. (Brazil was represented at the meeting by individual scientists; governmental endorsement is expected soon.)

Presentations at La Plata conveyed a sense of urgency regarding the needs of Latin America and developing countries for training and investment if the benefits of biotechnology—in agriculture and human and animal health—are to be available on acceptable terms, and if the gap between developing and industrial countries is not to widen indefinitely. Objectives of the Network include strengthening the basic science related to biotechnology, especially microbiology, molecular biology, genetics, and immunology; creating industrial pilot projects; sharing data systems; and addressing problems of a multinational character.

Several core activities are planned for an initial 3-year period, with a budget of some \$500,000, provided primarily by United Nations-related agencies. "We give this a very high priority," said a senior UNDP representative, referring

to the problem areas to be addressed by the Network, including nitrogen fixation, biofuels, monoclonal antibodies, and vaccines for tropical diseases.

Planners of the Network were aware of the formation last October of the Interciencia Continuing Committee for Networking in Biotechnology (NBI), whose chairman, Rodrigo Zeledon, attended the La Plata meeting (see *Science*, 6 April, page 49). Network organizers asked for the continuing collaboration of IA in the implementation of the Network's plans of action, specifically in organizing a series of workshops and in circulating a newsletter about biotechnology in Latin America.

Chilean biologist Jorge Allende saluted the role IA has played in the inception of the Network, through the pioneer symposium, "Biotechnology in the Americas: Prospects for Developing Countries," held in San Jose, Costa Rica, in 1983.

JAMES W. ROWE
Interciencia Association

Truman and Science

A four-page bibliography on Harry Truman and science has been prepared in connection with the special exhibit, on display at the 1984 AAAS Annual Meeting in New York City, commemorating the centennial of Truman's birth.

The bibliography is available, free, from AAAS Archivist Michele Aldrich, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036

New Data Guide Available

The Scientific Manpower Commission, with a grant from the National Science Foundation (NSF), has published a "roadmap" to data on scientists and engineers. Designed to enhance the available data from all sources, and particularly from NSF reports, this new guide will assist both the regular researcher and the occasional user of data on scientists and engineers.

The 288-page *Guide to Data on Scientists and Engineers* consists of three indexes (bibliographic, by field, and by year) to data collected since 1973 by 49 organizations and published in about 170 reports or series of reports.

The bibliographic index is organized alphabetically by publisher. It includes

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