

## AAAS Annual Elections: Preliminary Announcement

The Association's 1985 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 22 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

Lewis M. Branscomb, IBM Corporation

Sheila E. Widnall, Massachusetts Institute of Technology

#### Board of Directors

Floyd E. Bloom, Research Institute of Scripps Clinic

Mary E. Clutter, National Science Foundation

Kenneth Prewitt, Social Science Research Council

John G. Truxal, State University of New York, Stony Brook

#### Committee on Nominations

Mary E. Carter, Agricultural Research Service, USDA

Renée C. Fox, University of Pennsylvania

James Lowell Gibbs, Jr., Stanford University

Peter H. Raven, Missouri Botanical Garden

Frederick C. Robbins, Institute of Medicine, National Academy of Sciences

I. Richard Savage, Yale University

Harrison Shull, University of Colorado, Boulder

F. Karl Willenbrock, Southern Methodist University

### Electorate Elections

#### Section A—Mathematics

##### *Council Delegate*

Juris Hartmanis, Cornell University

Barbara Lee Keyfitz, University of Houston

##### *Chairperson-Elect*

Hyman Bass, Columbia University

Peter G. Hinman, University of Michigan

*Member-at-Large of the Section Committee*

Amy Cohen, Rutgers University

Jerrold E. Marsden, University of California, Berkeley

*Members of the Electorate Nominating Committee*

Murray Gerstenhaber, University of Pennsylvania

James Lepowsky, Rutgers University

Josephine Mitchell, State University of New York, Buffalo

Murray Rosenblatt, University of California, San Diego

#### Section B—Physics

##### *Council Delegates*

Elizabeth Urey Baranger, University of Pittsburgh

Vera Kistiakowsky, Massachusetts Institute of Technology

Homer A. Neal, State University of New York, Stony Brook

Roger G. Newton, Indiana University

Mary Beth Stearns, Arizona State University

Thomas A. Tombrello, Jr., California Institute of Technology

##### *Chairperson-Elect*

Herman Feshbach, Massachusetts Institute of Technology

Harold K. Ticho, University of California, San Diego

*Member-at-Large of the Section Committee*

Noémie Benczer-Koller, Rutgers University

Gertrude S. Goldhaber, Brookhaven National Laboratory

*Members of the Electorate Nominating Committee*

Ralph D. Amado, University of Pennsylvania

Norman Austern, University of Pittsburgh

Guy T. Emery, Indiana University

Gloria B. Lubkin, American Institute of Physics

#### Section C—Chemistry

##### *Council Delegates*

Henry A. Bent, North Carolina State University

Robert C. Brasted, University of Minnesota

H. E. Carter, University of Arizona

Stanley J. Cristol, University of Colorado

Ellis K. Fields, Standard Oil Company (Indiana)

Orville F. Hill, Vancouver, Washington

Richard M. Lemmon, Berkeley, California

Robert W. Parry, University of Utah

##### *Chairperson-Elect*

Karl Folkers, University of Texas

Norman Hackerman, Rice University

*Member-at-Large of the Section Committee*

Joseph F. Bunnett, University of California, Santa Cruz

Elliot S. Pierce, U.S. Department of Energy

*Members of the Electorate Nominating Committee*

Paul D. Bartlett, Texas Christian University

Richard G. Hiskey, University of North Carolina, Chapel Hill

Norman Rabjohn, University of Missouri, Columbia

Shirley B. Radding, SRI International

**Section D—Astronomy**

*Council Delegate*

David J. Crawford, Kitt Peak National Observatory

James W. Warwick, University of Colorado

*Chairperson-Elect*

Jay M. Pasachoff, Williams College

Elske v.P. Smith, Virginia Commonwealth University

*Member-at-Large of the Section Committee*

Yoji Kondo, NASA Goddard Space Flight Center

Donat G. Wentzel, University of Maryland

*Members of the Electorate Nominating Committee*

Catharine D. Garmany, University of Colorado

Richard F. Green, Kitt Peak National Observatory

Bruce Margon, University of Washington

Peter Pesch, National Science Foundation

**Section E—Geology and Geography**

*Council Delegates*

Allen F. Agnew, Oregon State University

Robert H. Fakundiny, New York State Geological Survey

Gerald M. Friedman, Brooklyn College

Marie E. Morisawa, State University of New York, Binghamton

*Chairperson-Elect*

Priscilla C. Grew, California Public Utilities Commission

George Rapp, Jr., University of Minnesota, Duluth

*Member-at-Large of the Section Committee*

Yngvar Isachsen, New York State Geological Survey

Miriam Kastner, Scripps Institution of Oceanography

*Members of the Electorate Nominating Committee*

Peter Dehlinger, University of Connecticut

Barbara Lynn Faulkner, Exxon Company, U.S.A.

Hsin Yi Ling, Northern Illinois University

James R. Underwood, Jr., Kansas State University

**Section G—Biological Sciences**

*Council Delegates*

Irving P. Crawford, University of Iowa

Paul K. Dayton, Scripps Institution of Oceanography

Peter W. Frank, University of Oregon

Fred C. Hartman, Oak Ridge National Laboratory

Nancy H. Marcus, Woods Hole Oceanographic Institution

Lois K. Miller, University of Idaho

Robert Rabson, U.S. Department of Energy

Marjorie L. Reaka, University of Maryland

Lynn M. Riddiford, University of Washington

Gilbert T. Rowe, Brookhaven National Laboratory

Janet L. Schottel, University of Minnesota, St. Paul

Jesse E. Siskin, University of Kentucky

Catherine L. Squires, Columbia University

Robert H. Tamarin, Boston University

Margaret E. M. Tolbert, Tuskegee Institute

Marvalee H. Wake, University of California, Berkeley

*Chairperson-Elect*

Kenneth B. Armitage, University of Kansas

Judith H. Willis, University of Illinois, Urbana

*Member-at-Large of the Section Committee*

Marc H. Dresden, Baylor College of Medicine

Donald C. Swartzendruber, CIBA-GEIGY Corporation

*Members of the Electorate Nominating Committee*

James T. Carlton, Williams College Program, Mystic Seaport, Connecticut

Mary E. Jacobs, Food and Drug Administration

John Ruffin, North Carolina Central University, Durham

James E. Tavares, National Research Council

**Section H—Anthropology**

*Council Delegate*

Dena F. Dincauze, University of Massachusetts

Andrew P. Vayda, Rutgers University

*Chairperson-Elect*

Marvin Harris, University of Florida

John E. Yellen, National Science Foundation

*Member-at-Large of the Section Committee*

Albert A. Dekin, Jr., State University of New York, Binghamton

William D. Lipe, Washington State University

*Members of the Electorate Nominating Committee*

George J. Armelagos, University of Massachusetts

Jane H. Buikstra, Northwestern University

William W. Fitzhugh, Smithsonian Institution

Sylvia Helen Forman, University of Massachusetts

**Section J—Psychology**

*Chairperson-Elect*

R. Duncan Luce, Harvard University

Michael I. Posner, University of Oregon

*Member-at-Large of the Section Committee*

Earl Hunt, University of Washington

Matthew J. Wayner, Jr., University of Texas, San Antonio

*Members of the Electorate Nominating Committee*

William Hodos, University of Maryland

Margaret J. Intons-Peterson, Indiana University

H. S. Terrace, Columbia University

James F. Voss, University of Pittsburgh

**Section K—Social, Economic, and Political Sciences**

*Chairperson-Elect*

Eliot Freidson, New York University

Peter H. Rossi, University of Massachusetts

*Member-at-Large of the Section Committee*

Robert M. Hauser, University of Wisconsin

Richard D. Schwartz, Syracuse University

*Members of the Electorate Nominating Committee*

Lowell L. Hargens, University of Illinois, Urbana

Nancy Howell, University of Toronto

Jane Menken, Princeton University

Albert Rees, Alfred P. Sloan Foundation

## **Section L—History and Philosophy of Science**

### *Chairperson-Elect*

Frederick B. Churchill, Indiana University

Joseph W. Dauben, City University of New York

*Member-at-Large of the Section Committee*

Seymour H. Mausekopf, Duke University

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Paul Lawrence Farber, Oregon State University

Jane Maienschein, Arizona State University

William B. Provine, Cornell University

## **Section M—Engineering**

### *Chairperson-Elect*

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## **Section N—Medical Sciences**

### *Chairperson-Elect*

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Vallee L. Willman, St. Louis University

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Darwin R. Labarthe, University of Texas, Houston

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## **Section O—Agriculture**

### *Chairperson-Elect*

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Charles O. Gardner, University of Nebraska

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Donald N. Duvick, Pioneer Hi-Bred International, Inc.

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Dermot P. Coyne, University of Nebraska

J. L. Ozburn, Washington State University

James L. Starling, Pennsylvania State University

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Theodore W. Schlie, U.S. Department of Commerce

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James C. Melrose, Mobil Oil Corporation

Robert K. Mueller, Arthur D. Little

John P. Rodriguez, Miller Brewing Company

## **Section Q—Education**

### *Chairperson-Elect*

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Ann C. Howe, North Carolina State University

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Napoleon Bryant, Jr., Xavier University

Jane Butler Kahle, Purdue University

Emma Walton, Anchorage School District

## **Section R—Dentistry**

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William H. Bowen, University of Rochester

Ian Campbell Mackenzie, University of Iowa

Jason Michael Tanzer, University of Connecticut, Farmington

## **Section S—Pharmaceutical Sciences**

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Gary L. Grunewald, University of Kansas

Ruth N. Havemeyer, Syntex Corporation

Matthew Verderame, Albany College of Pharmacy

## **Section T—Information, Computing, and Communication**

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Rita G. Lerner, American Institute of Physics.

*Member-at-Large of the Section Committee*

Kent K. Curtis, National Science Foundation

(Continued on page 1338)

Fourteen filter cubes with specific excitative and barrier filters provide excitation of commonly used fluorochromes. Additional cubes are available for special applications. Newly computed achromatic and semiapochromatic flat-field objectives provide crisp images over long working distances. Many accessories are available. E. Leitz. Circle 628.

### Peptide Synthesizer

Model 9500 rapidly delivers multigram quantities of peptide. Features include multiaccess amino acid reservoirs and nondestructive resin agitation by a gentle stream of nitrogen. This allows the use of low cross-linked resins which results in higher yields of longer peptides. Multiwindow software contains all necessary chemical protocols and calculates amounts of all reagents required for synthesis. The controlling microprocessor may be freed for data analysis by downloading operating protocols. No special training in programming or peptide chemistry is required of the operator. Biosearch. Circle 631.

### Cloning and Expression System

The Protoclone GT system is a lambda gt11 cloning and expression system which is useful in the construction of complementary DNA libraries. Advantages over cloning with plasmid vectors include high cloning efficiency (approximately  $10^7$  plaque-forming units per microgram) and the production of a high percentage of insert-containing clones. It is not necessary to pass recombinants through a DNA-modifying strain prior to screening. A positive control insert is included with each lot. Promega Biotec. Circle 629.

### Centrifuges

A line is offered that comprises four models including ambient and refrigerated, benchtop, and floor models. Each is designed with a range of features for typical laboratory applications. Analog operation renders each centrifuge easy to operate. Reproducible rotor speeds range up to 15,000 revolutions per minute and may be controlled to within 10 revolutions per minute. Tube counterbalancing is not required. Temperature is maintained during spin to within 1°C in rotary buckets. Safety features include a positive latch that prevents opening of the lid during spin. Iso-Data. Circle 633.

### DNA Synthesizer

System 1 Plus provides automated synthesis of single-stranded DNA. It offers fast production of hybridization probes as well as accurate synthesis of mutagenesis primers. The unit is controlled by an IBM PC/XT control module and data may be entered with keyboard or light pen. Ninety-nine base additions may be programmed in the 5' to 3' direction. Nucleotides are linked with phosphoramidite chemistry for high yields. Cycle time is less than 15 minutes. All steps are automated: deblocking, condensation, oxidation, and capping. Beckman Instruments. Circle 634.

### Gas Chromatograph

Model 3500 is a high resolution, capillary gas chromatograph designed for use with inert capillary fused silica columns. Cross talk between the column oven and the injector and detector ovens is minimized. Electronic pressure readout allows easy reproduction of flows specifically for split/splitless injection. It offers split flow readout and column (calculated) flow readout. A standby temperature feature eliminates need for daily clean-up. The detector electronics time constant is 50 msec. Hydrogen may be used as a carrier gas. Varian, Instrument Group. Circle 635.

### Literature

*Plasticware* details a complete line for all scientific and research applications. Mallinckrodt. Circle 616.

*Liquid Chromatography* is a product guide oriented to use of LC techniques for analytical, preparative, and process purification. YMC. Circle 617.

*Biomedical Imaging* describes products for autoradiography, electron microscopy, processing, and safelighting. Eastman Kodak. Circle 619.

*Syringes* is devoted to the Microliter line of liquid-handling products for chromatography. Hamilton. Circle 620.

*Benchtop Reactor* describes the Mouse, a bioreactor for fermentation, and cell culture with an integral computer. Queue Systems. Circle 621.

*Laboratory Products* offers TLC, HPLC, balances, filtration membranes, pH electrodes, and more. Whatman Lab-Sales. Circle 622.

*Inverse Microscopes* features the full line of optical apparatus for use in transmitted-light applications. Carl Zeiss. Circle 623.

### AAAS NEWS

(Continued from page 1303)

Michael J. McGill, Online Computer Library Center, Dublin, Ohio

*Members of the Electorate Nominating Committee*

John C. Cherniavsky, Georgetown University

Lois Ann Colaianne, National Library of Medicine

Fred J. Damerau, IBM Corporation

Nils J. Nilsson, Stanford University

### Section U—Statistics

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Howard Levene, Columbia University

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Donald A. Gardiner, Martin Marietta Energy Systems, Inc., Oak Ridge

*Members of the Electorate Nominating Committee*

Yvonne M. Bishop, U.S. Department of Energy

John M. Chambers, AT&T Bell Laboratories

John Crowley, Fred Hutchinson Cancer Research Center, Seattle

Polly Feigl, University of Washington

### Section W—Atmospheric and Hydrospheric Sciences

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Allan Robinson, Harvard University

*Members-at-Large of the Section Committee*

Richard Barber, Duke University

Feenan D. Jennings, Texas A&M University

*Members of the Electorate Nominating Committee*

Robert E. Dickinson, National Center for Atmospheric Research

John C. Gille, National Center for Atmospheric Research

Adriana Huyer, Oregon State University

Thomas B. Sanford, University of Washington

### Section X—General

*Chairperson-Elect*

Jan Hamrin, Independent Energy Producers Association

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## SCIENCE

### Posters

The following posters of *Science* covers are available:

- 30 March 1979, Tropical flowering tree;
- 23 February 1983, Landsat photo of Detroit, Michigan;
- 29 July 1983, Cheetah;
- 2 December 1983, Snowshoe hare;
- 23 December 1983, Cathedral window/DNA molecule.

Combination of space covers in scroll format: 1 June 1979, 23 November 1979, 10 April 1981.

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Gail Pesyna, E. I. du Pont de Nemours & Company

*Members-at-Large of the Section Committee*

Rosemary Chalk, AAAS

Albert H. Teich, AAAS

*Members of the Electorate Nominating Committee*

Sharon M. Friedman, Lehigh University

Gretchen Schabtach Kolsrud, Office of Technology Assessment, U.S. Congress

Don I. Phillips, National Academy of Sciences-National Academy of Engineering

Lora Mangum Shields, Navajo Community College

## Reception and Prize Honor Abelson

Past and present editorial board members, reviewers, authors, editorial and Association staff, and members of the science and technology community came together at a reception on 8 March to honor Philip H. Abelson. The reception, hosted by the AAAS Board of Directors and the Secretary of the Smithsonian Institution, was held at the Smithsonian.

Abelson, who retired at the end of 1984 after 22 years as editor of *Science*, said he believed that he had had the "best job in the world . . . providing a special opportunity and incitement for life-long learning." Noting the international readership of *Science*, Abelson described being able to go anywhere in

the world and meet with people whose lives have been touched by *Science*.

He did, however, have a lighthearted word of advice for Daniel E. Koshland, Jr., current editor of *Science*. Abelson explained that authors of articles receive the fan letters and the editor gets the complaints. However, he said, Koshland should not worry unless he stops hearing from the complainers!

Anna J. Harrison, chairman of the Board of Directors, announced the establishment of the Philip Hauge Abelson Prize. The Prize will be awarded, beginning next year, to a public servant in recognition of exceptional contributions to the advancement of science or to a scientist whose career has been distinguished both for scientific achievement and for other notable services to the scientific community of the United States.

## Western Scientists Meet in Montana

Topics from bioethics to the origins of dinosaurs in North America will be featured at the 60th annual meeting of the Pacific Division on the campus of the University of Montana at Missoula, 9-14 June.

Some of the symposia will be those on Environmental Risk: Public Perception versus Cleanup Costs; Bioethics; Organismic Speciation; Plant Molecular Genetics; Suspect Terranes; and Dinosaur Origins.

Workshops will be held on Nuclear



Philip H. Abelson (center) chats with AAAS Board Chairman Anna J. Harrison and Robert McC. Adams, secretary of the Smithsonian Institution, at reception to honor former *Science* editor.