

"The Medfly in California: The Threat, Defense Strategies, and Public Policy" is sponsored by the western section of the American Society for Horticultural Science. Participants represent the major protagonists in the dispute, notably the state and federal departments of agriculture. Speakers will review the problem and attempted solutions, and will assess effects of the medfly extermination campaign on public health, horticultural crops, and the environment.

The AAAS national office is conducting two symposia at the meeting. "Computers and Science Teaching: Perspectives in the Life Sciences" will report on the use of videodiscs in teaching biology, on testing learning by use of computers, and on personal computers as aids in learning science. A session on "Access to Science for Women and Minorities" will highlight successful programs which have prospered in the Pacific region, such as MESA, EQUALS, the Bay Area

Math/Science Network, Math Science Interchange, the Math Without Fear Program at San Francisco State University, and the Minority Women in Science Network.

"Science, Deviance, and Society" will examine areas of aberrant behavior in the science professions. Speakers will look at scientific frauds; science misrepresentations, or "white coat" crime; compliance and noncompliance with rules regarding research on human subjects; policing scientific research; and the sociological and ideological bases of deviant behavior in science.

Other symposia topics include the Biogeography and Evolution of Oaks, Amphibian Physiology, Factors in Biotic Diversity: A Paleontologic Perspective, and Health and Social Sciences: Implications for Public Policy. Contributed paper sessions are scheduled in meteorology, ecology, botany, horticultural sciences, psychology, plant physiology, biology, and geology.

Field trips are planned to Santa Cruz Island, local orchid nurseries, Ransom Seed Laboratory, Santa Barbara wineries, and sites of interest to horticultural science. Social events include a welcoming party, wine and cheese tasting, and the Division banquet, with a presidential address by Robert I. Bowman, San Francisco State University, on a centennial view of Darwin's finches.

Short courses on several scientific topics will be offered during the meeting, with an option for continuing education credit through San Francisco State University. Topics include industrial organic chemistry, personal computers in learning science, origin and early evolution of life, plate tectonics, and ecology of terrestrial microcommunities.

For further information on the short courses, contact Joseph Dasbach at the AAAS headquarters; on other aspects of the meeting, contact Alan Leviton, California Academy of Sciences, San Francisco, California 94118.

AAAS Annual Elections: Preliminary Announcement

The Association's 1982 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 this year. 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 19 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 early September. The practice of publishing such information in *Science* in late August has been discontinued.

General Election

President-Elect

David A. Hamburg, Harvard University
Herbert F. York, University of California, San Diego

Board of Directors

Robert W. Berliner, Yale University
Donald N. Duvick, Pioneer Hi-Bred International, Inc.
Dorothy Nelkin, Cornell University
George E. Pake, Xerox Corporation

Committee on Nominations

Eugene H. Cota-Robles, University of California, Santa Cruz
James D. Ebert, Carnegie Institution of Washington
George Field, Harvard University
James H. M. Henderson, Tuskegee Institute
Wilmot N. Hess, National Center for Atmospheric Research
Irene C. Peden, University of Washington
Betty H. Pickett, National Institute of Child Health and Human Development
Harry Woolf, Institute for Advanced Study

Electorate Elections

Section A—Mathematics

Council Delegate
Lenore Blum, Mills College
Leon Henkin, University of California, Berkeley
Chairperson-Elect
Gerard Debreu, University of California, Berkeley
Gail S. Young, University of Wyoming
Member-at-Large of the Section Committee
Emil Grosswald, Temple University
Alice T. Schafer, Wellesley College

Members of the Electorate Nominating Committee

Jacob Feldman, University of California, Berkeley

E. R. Kolchin, Columbia University

Richard S. Palais, Brandeis University

Audrey Terras, University of California, San Diego

Section B—Physics

Council Delegates

Noemie Benczer-Koller, Rutgers University

Ann C. Birge, California State University, Hayward

Kenneth W. Ford, University of Maryland

Evans Hayward, National Bureau of Standards

Eugen Merzbacher, University of North Carolina

T. A. Tombrello, California Institute of Technology

Chairperson-Elect

Henry H. Barschall, University of Wisconsin, Madison

Chen Ning Yang, State University of New York, Stony Brook

Member-at-Large of the Section Committee

Nina Byers, University of California, Los Angeles

Ernest M. Henley, University of Washington

Members of the Electorate Nominating Committee

Andrew D. Bacher, Indiana University

David G. Boulware, University of Washington

Laura Eisenstein, University of Illinois, Urbana-Champaign

Glennys R. Farrar, Rutgers University

Section C—Chemistry

Council Delegates

Ernest I. Becker, University of Massachusetts

Henry A. Bent, North Carolina State University

Alfred E. Brown, Washington, D.C.

Ellis Kirby Fields, Amoco Chemicals Corporation

Blaine C. McKusick, DuPont Company

Rustum Roy, Pennsylvania State University

William P. Slichter, Bell Laboratories

Bruno J. Zwolinski, Texas A&M University

Chairperson-Elect

Mary H. Aldridge, American University

Fred W. McLafferty, Cornell University

Member-at-Large of the Section Committee

Herman S. Bloch, Skokie, Illinois

Jean'ne M. Shreeve, University of Idaho

Members of the Electorate Nominating Committee

Karl Folkers, University of Texas, Austin

Norman A. LeBel, Wayne State University

David Allen Shirley, University of Tennessee

Gardner W. Stacy, Washington State University

Section D—Astronomy

Council Delegate

Robert C. Bless, University of Wisconsin, Madison

Stephen E. Strom, Kitt Peak National Observatory

Chairperson-Elect

Pierre Demarque, Yale University

Patrick Palmer, University of Chicago

Member-at-Large of the Section Committee

Susan Marguerite Simkin, Michigan State University

Lee Anne Willson, Iowa State University

Members of the Electorate Nominating Committee

Holland Ford, University of California, Los Angeles

Kenneth A. Janes, Boston University

Leonard V. Kuhi, University of California, Berkeley

Donna Weistrop, Goddard Space Flight Center

Section E—Geology and Geography

Council Delegates

Eric S. Cheney, University of Washington

Wakefield Dort, Jr., University of Kansas

Carroll Ann Hodges, U.S. Geological Survey, Menlo Park, California

Philip E. LaMoreaux, P. E. LaMoreaux & Associates, Inc., Tuscaloosa, Alabama

Chairperson-Elect

William W. Hay, Joint Oceanographic Institutions, Inc., Washington, D.C.

Katherine Greacen Nelson, University of Wisconsin-Milwaukee

Member-at-Large of the Section Committee

William W. Hambleton, University of Kansas

James W. Skehan, Boston College

Members of the Electorate Nominating Committee

Marvin P. Carlson, University of Nebraska

Miriam Kastner, Scripps Institution of Oceanography

Donald H. Lokke, Richland College

Rosemary Jacobson Vidale, Los Alamos National Laboratory

Section G—Biological Sciences

Council Delegates

Claire M. Berg, University of Connecticut

William R. Dawson, University of Michigan

Robert L. DeHaan, Emory University

Roy H. Doi, University of California, Davis

Michael R. Felder, University of South Carolina

Judith P. Grassle, Marine Biological Laboratory

Michael G. Hadfield, University of Hawaii

Audrey E. V. Haschemeyer, Hunter College

Robert Haselkorn, University of Chicago

Holger W. Jannasch, Woods Hole Oceanographic Institution

Elizabeth W. Jones, Carnegie-Mellon University

Marvin Lamborg, Charles F. Kettering Research Laboratory, Yellow Springs, Ohio

Harold A. Mooney, Stanford University

Howard V. Rickenberg, University of Colorado

Clay Sassaman, University of California, Riverside

Dieter Söll, Yale University

Chairperson-Elect

Nelson G. Hairston, University of North Carolina

Dorothy M. Skinner, Oak Ridge National Laboratory

Member-at-Large of the Section Committee

Sue Hanlon, University of Illinois

Ann E. Kammer, Kansas State University

Members of the Electorate Nominating Committee

Peter A. Jumars, University of Washington

Jeffrey B. Mitton, University of Colorado

John S. Pearse, University of California, Santa Cruz

Sandra J. Smith-Gill, University of Maryland

Section H—Anthropology

Council Delegate

Elizabeth Colson, University of California, Berkeley

Fred Wendorf, Southern Methodist University

Chairperson-Elect

Pedro Armillas, University of Illinois, Chicago Circle

William H. Davenport, University of Pennsylvania

Member-at-Large of the Section Committee

James W. Fernandez, Princeton University

Fred Plog, New Mexico State University

Members of the Electorate Nominating Committee

Linda S. Cordell, University of New Mexico

William A. Haviland, University of Vermont

Eugene S. Hunn, University of Washington

Arthur J. Jelinek, University of Arizona

Section J—Psychology

Chairperson-Elect

Gregory A. Kimble, Duke University

William J. McGill, University of California, San Diego

Member-at-Large of the Section Committee

Richard T. Louttit, National Science Foundation

David T. Lykken, University of Minnesota

Members of the Electorate Nominating Committee

Kay Deaux, Purdue University

James Deese, University of Virginia

Robert Rescorla, University of Pennsylvania

Eliot Stellar, University of Pennsylvania

Section K—Social, Economic, and Political Sciences

Chairperson-Elect

Bernard Barber, Columbia University

Robin M. Williams, Jr., Cornell University

Member-at-Large of the Section Committee

Ivar Berg, University of Pennsylvania
Melvin L. Kohn, National Institute of Mental Health

Members of the Electorate Nominating Committee

Allen H. Barton, Columbia University

Daryl E. Chubin, Georgia Institute of Technology

Karl Taeuber, University of Wisconsin, Madison

Andrea Tyree, University of Southern California

Section L—History and Philosophy of Science

Chairperson-Elect

Lawrence Badash, University of California, Santa Barbara

Wesley C. Salmon, University of Pittsburgh

Member-at-Large of the Section Committee

Robert L. Causey, University of Texas, Austin

Alan E. Shapiro, University of Minnesota

Members of the Electorate Nominating Committee

Frederick B. Churchill, Indiana University

Lindley Darden, University of Maryland

Edward MacKinnon, California State University, Hayward

Edith Dudley Sylla, North Carolina State University

Section M—Engineering

Chairperson-Elect

Raymond L. Bisplinghoff, Tyco Laboratories, Inc., Exeter, New Hampshire

F. Karl Willenbrock, Southern Methodist University

Member-at-Large of the Section Committee

Paul F. Chenea, Birmingham, Michigan

Thelma Estrin, University of California, Los Angeles

Members of the Electorate Nominating Committee

Bruce Barrow, Gaithersburg, Maryland

Wilbur B. Davenport, Jr., Massachusetts Institute of Technology

John E. Duberg, George Washington University, NASA-Langley Research Center, Hampton, Virginia

Howard W. Emmons, Harvard University

Section N—Medical Sciences

Chairperson-Elect

Robert A. Good, Oklahoma Medical Research Foundation, Oklahoma City

James V. Warren, Ohio State University

Member-at-Large of the Section Committee

Norbert Freinkel, Northwestern University Medical School

Ruth Pick, Michael Reese Hospital and Medical Center, Chicago

Members of the Electorate Nominating Committee

Leon Eisenberg, Harvard Medical School

D. Mark Hegsted, U.S. Department of Agriculture

Millicent W. Higgins, University of Michigan

Jeremiah Stamler, Northwestern University Medical School

Section O—Agriculture

Chairperson-Elect

Roy Creech, Mississippi State University

John Pesek, Iowa State University, Ames

Member-at-Large of the Section Committee

Frank H. Baker, Winrock International, Morrilton, Arkansas

Ralph Fogleman, Upper Black Eddy, Pennsylvania

Members of the Electorate Nominating Committee

J. Artie Browning, Texas A&M University

William Coville, University of Georgia

Virgil Johnson, University of Nebraska

Mary B. Kirkham, Kansas State University

Section P—Industrial Science

Chairperson-Elect

J. Kenneth Craver, Futuresearch, Glendale, Maryland

Robert H. Pry, Gould Inc., Rolling Meadows, Illinois

Member-at-Large of the Section Committee

Herbert I. Fusfeld, New York University

Charles F. Larson, Industrial Research Institute, New York City

Members of the Electorate Nominating Committee

James L. Dwyer, Millipore Corporation, Bedford, Massachusetts

Joel D. Goldhar, National Research Council

Alvin J. Salkind, College of Medicine and Dentistry of New Jersey, Rutgers Medical School

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

Section Q—Education

Chairperson-Elect

Marvin Druger, Syracuse University
Burton E. Voss, University of Michigan

Member-at-Large of the Section Committee

Audrey Briggs Champagne, University of Pittsburgh

Jane Butler Kahle, Purdue University
Members of the Electorate Nominating Committee

O. Roger Anderson, Columbia University

Michael R. Cohen, Indiana University
Mary Blatt Harbeck, Washington, D.C., Public Schools

Rita W. Peterson, University of California, Irvine

Section R—Dentistry

Chairperson-Elect

Robert J. Fitzgerald, Veterans Administration Medical Center, Miami

Donald I. Hay, Forsyth Dental Center, Boston

Member-at-Large of the Section Committee

Robert J. Genco, State University of New York, Buffalo

Samuel Pruzansky, University of Illinois, Chicago

Members of the Electorate Nominating Committee

Ian C. Bennett, Dalhousie University
Lois K. Cohen, National Institute of Dental Research

Clifton O. Dummett, University of Southern California

William D. McHugh, Eastman Dental Center, Rochester, New York

Section S—Pharmaceutical Sciences

Chairperson-Elect

Martin I. Blake, University of Illinois, Chicago

Stuart Feldman, University of Houston

Member-at-Large of the Section Committee

Arthur R. Mlodozienec, INTERx Research Corporation, Lawrence, Kansas

John L. Neumeyer, Northeastern University

Members of the Electorate Nominating Committee

Lester Chafetz, Warner-Lambert Company, Morris Plains, New Jersey

William E. Evans, University of Tennessee

K. Sandy Pang, University of Houston
Danny D. Shen, State University of New York, Buffalo

Section T—Information, Computing, and Communication

Chairperson-Elect

Joseph Becker, Becker and Hayes, Inc., Santa Monica, California

Belver C. Griffith, Drexel University
Member-at-Large of the Section Committee

Charles M. Goldstein, National Library of Medicine

Manfred Kochen, University of Michigan

Members of the Electorate Nominating Committee

Jane Bortnick, Library of Congress
Karen B. Levitan, The KBL Group, Silver Spring, Maryland

Gerard Salton, Cornell University
Martha E. Williams, University of Illinois, Urbana

Section U—Statistics

Chairperson-Elect

Barbara A. Bailar, U.S. Bureau of the Census

Morris H. DeGroot, Carnegie-Mellon University

Member-at-Large of the Section Committee

William H. Lawton, Eastman Kodak, Rochester, New York

Judith M. Tanur, State University of New York, Stony Brook

Members of the Electorate Nominating Committee

Robert E. Bechhofer, Cornell University

Herbert A. David, Iowa State University

Joseph B. Kadane, Carnegie-Mellon University

S. James Press, University of California, Riverside

Section W—Atmospheric and Hydro-spheric Sciences

Chairperson-Elect

David Atlas, Goddard Space Flight Center

William W. Kellogg, National Center for Atmospheric Research

Member-at-Large of the Section Committee

Clayton A. Paulson, Oregon State University

Warren S. Wooster, University of Washington

Members of the Electorate Nominating Committee

Werner A. Baum, Florida State University

Dennis L. Hartmann, University of Washington

Christopher N. K. Mooers, Naval Postgraduate School

Ferris Webster, National Academy of Sciences

Section X—General

Chairperson-Elect

Alexander J. Morin, National Science Foundation

George C. Sponsler, Law Mathematics and Technology, Inc., Bethesda, Maryland

Member-at-Large of the Section Committee

Harold P. Green, Fried, Frank, Harris, Shriver & Kampelman, Washington, D.C.

Mike McCormack, McCormack Associates, Inc., Washington, D.C.

Jonathan Ward, CBS News/UNIVERSE

Members of the Electorate Nominating Committee

Nicholas A. Ashford, Massachusetts Institute of Technology

Sharon M. Friedman, Lehigh University

Carol L. Rogers, AAAS

Albert H. Teich, AAAS

R&D Colloquium

"R&D in the FY 1983 Budget: Impact and Challenge" will be the theme for the seventh annual AAAS Colloquium on R&D Policy. The Colloquium is scheduled for 23 and 24 June at the Shoreham Hotel in Washington, D.C.

Sessions will focus on federal budgets, policies, and outlooks; the climate for industrial R&D; R&D programs of key federal agencies; and the impacts of budget cuts on R&D institutions.

Among the Colloquium speakers will be California Governor Jerry Brown; Presidential Science Adviser George A. Keyworth, II; Congressman Timothy E. Wirth (D-Colo.); Frank Press, president, National Academy of Sciences; David Shirley, director, Lawrence Berkeley Laboratory; and Martin Goland, president, Southwest Research Institute.

For further information, see *Science*, 23 April 1982, pages 356 and 357, or write the Office of Public Sector Programs at the AAAS address.