

## AAAS Annual Election: Preliminary Announcement

The 1993 AAAS election of general and section officers will be held in September. All members will receive a general ballot for election of the president-elect, members of the Board of Directors, and members of the Committee on Nominations. Members registered in one to three sections will receive ballots for election of chair-elect, member-at-large of the Section Committee, and members of the Electorate Nominating Committee for each section.

Members enrolled in the following sections will also elect Council delegates: Agriculture; Engineering; History and Philosophy of Science; Industrial Science; Medical Sciences; Psychology; and Social, Economic, and Political Sciences.

Candidates for all offices are listed below. Additional names may be placed in nomination for any office by petition, submitted to the Executive Officer no later than 9 August. 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 section office must bear the signatures of at least 50 members of the section. A petition to place an additional name in nomination for any office must be accompanied by the nominee's curriculum vitae and statement of acceptance of nomination.

Biographical information on the following candidates will be enclosed with the ballots mailed to members in September.

### General Election

**President-Elect:** Rita R. Colwell, Maryland Biotechnology Institute, College Park; Eugene H. Cota-Robles, El Cerrito, CA.

**Board of Directors:** Charles E. Hess, University of California, Davis; Simon A. Levin, Princeton

University; Richard A. Meserve, Covington & Burling, Washington, DC; Anna C. Roosevelt, Field Museum of Natural History, Chicago.

**Committee on Nominations:** D. James Baker, National Oceanic and Atmospheric Administration; Peter J. Bickel, University of California, Berkeley; Janet Welsh Brown, World Resources Institute, Washington, DC; Marye Anne Fox, University of Texas, Austin; George M. Langford, Dartmouth College; Alan I. Leshner, National Institute of Mental Health; Norman Metzger, National Research Council; Keith R. Yamamoto, University of California, San Francisco.

### Section Elections

#### Agriculture

**Chair-Elect:** C. Eugene Allen, University of Minnesota, St. Paul; Billy R. Baumgardt, Purdue University.

**Member-at-Large of the Section Committee:** Diana W. Freckman, Colorado State University, Fort Collins; Ronald L. Phillips, University of Minnesota, St. Paul.

**Electorate Nominating Committee:** Roy Chaleff, American Cyanamid Co., Princeton, NJ; Thomas K. Hodges, Purdue University; Marjorie A. Hoy, University of Florida, Gainesville; James M. Tiedje, Michigan State University, East Lansing.

**Council Delegate:** Carole P. Meredith, University of California, Davis; Carroll P. Vance, University of Minnesota, St. Paul.

#### Anthropology

**Chair-Elect:** Jane E. Buikstra, University of Chicago; Ernestine Friedl, Duke University.

**Member-at-Large of the Section Committee:** John U. Ogbu, University of California, Berkeley; Susan C. M. Scrimshaw, University of California, Los Angeles.

**Electorate Nominating Committee:** Robert C. Bailey, University of California, Los Angeles; Robert K. Hitchcock, University of Nebraska, Lincoln; James F. O'Connell,

University of Utah, Salt Lake City; Joyce E. Sirianni, State University of New York, Buffalo.

#### Astronomy

**Chair-Elect:** Andrea K. Dupree, Smithsonian Astrophysical Observatory, Cambridge, MA; Robert D. Gehrz, University of Minnesota, Minneapolis.

**Member-at-Large of the Section Committee:** Arlo U. Landolt, Louisiana State University, Baton Rouge; John C. Raymond, Smithsonian Astrophysical Observatory, Cambridge, MA.

**Electorate Nominating Committee:** Jack O. Burns, University of New Mexico, Las Cruces; Holland C. Ford, Space Telescope Science Institute, Baltimore, MD, and Johns Hopkins University; David W. Latham, Smithsonian Astrophysical Observatory, Cambridge, MA, and Harvard University; Hervey S. (Peter) Stockman, Space Telescope Science Institute, Baltimore, MD.

#### Atmospheric and Hydrospheric Sciences

**Chair-Elect:** Kristina B. Katsaros, University of Washington, Seattle, and IFREMER, Brest, France; Stephen H. Schneider, Stanford University.

**Member-at-Large of the Section Committee:** John C. Gille, National Center for Atmospheric Research, Boulder, CO; Sharon E. Nicholson, Florida State University, Tallahassee.

**Electorate Nominating Committee:** Mark A. Cane, Lamont-Doherty Geological Observatory, Palisades, NY; Rana A. Fine, University of Miami, FL; Roy Jenne, National Center for Atmospheric Research, Boulder, CO; Colleen A. Leary, Texas Tech University, Lubbock.

#### Biological Sciences

**Chair-Elect:** Charles B. Miller, Oregon State University, Corvallis; Juliana C. Mulroy, Denison Uni-

versity, Granville, OH.

**Member-at-Large of the Section Committee:** Vidale F. de la Cruz, Cortech, Inc., Denver; Jody W. Deming, University of Washington, Seattle.

**Electorate Nominating Committee:** R. Andrew Cameron, California Institute of Technology; Michael LaBarbera, University of Chicago; Joyce K. Ono, California State University, Fullerton; Elizabeth Anne Zimmer, National Museum of Natural History, Washington, DC.

#### Chemistry

**Chair-Elect:** John P. Fackler, Jr., Texas A&M University, College Station; Paul G. Gassman, University of Minnesota, Minneapolis.

**Member-at-Large of the Section Committee:** Marye Anne Fox, University of Texas, Austin; Thomas G. Spiro, Princeton University.

**Electorate Nominating Committee:** John E. Bercaw, California Institute of Technology; Charles P. Casey, University of Wisconsin, Madison; Kendall Newcomb Houk, University of California, Los Angeles; Joan Selverstone Valentine, University of California, Los Angeles.

#### Dentistry

**Chair-Elect:** Donald I. Hay, Forsyth Dental Center, Boston, and Harvard University; Lawrence A. Tabak, University of Rochester.

**Member-at-Large of the Section Committee:** Frank G. Oppenheim, Boston University; Martha J. Sommerman, University of Michigan, Ann Arbor.

**Electorate Nominating Committee:** William B. Clark, University of Florida, Gainesville; Floyd E. Dewhirst, Forsyth Dental Center, Boston; Deborah Greenspan, University of California, San Francisco; Malcolm L. Snead, University of Southern California.

#### Education

**Chair-Elect:** James D. Ellis, Biological Sciences Curriculum Study, Colorado Springs; Ethel L. Schultz, Salem, MA.

**Member-at-Large of the Section Committee:** Alan J. McCormack, San Diego State University; Harold Pratt, Jefferson County Public Schools, Golden, CO.

**Electorate Nominating Committee:** Valerie C. Chase, National Aquarium, Baltimore, MD; Delmar Janke, Texas A&M University, College Station; John Padalino, Pocono Environmental Education Center, Dingmans Ferry, PA; Burton E. Voss, University of Michigan, Ann Arbor.

### Engineering

**Chair-Elect:** Karl S. Pister, University of California, Santa Cruz; John R. Whinnery, University of California, Berkeley.

**Member-at-Large of the Section Committee:** J. D. Achenbach, Northwestern University, Evanston, IL; F. Karl Willenbrock, U.S. Department of Commerce.

**Electorate Nominating Committee:** Abraham H. Haddad, Northwestern University, Evanston, IL; Irving F. Miller, University of Illinois, Chicago; Winfred M. Phillips, University of Florida, Gainesville; Allen R. Stubberud, University of California, Irvine.

**Council Delegates:** J. Ray Bowen, University of Washington, Seattle; Benjamin J. Leon, University of Southwestern Louisiana, Lafayette; William M. Sangster, Georgia Tech, Atlanta; Robert M. Saunders, University of California, Irvine.

### General Interest in Science and Engineering

**Chair-Elect:** Jonathan F. Callender, ABC Remedial Technologies, Denver; Walter Sullivan, Riverside, CT.

**Member-at-Large of the Section Committee:** Norine E. Noonan, Florida Institute of Technology, Melbourne; Joann Rodgers, Johns Hopkins Medical Institutions, Baltimore, MD.

**Electorate Nominating Committee:** Dale L. Compton, NASA-Ames Research Center, Moffett Field, CA; Sheila D. David, National Research Council; Lynn F. Elfner, Ohio Academy of Science,

Columbus; Mercedes Lee, National Audubon Society, Islip, NY.

### Geology and Geography

**Chair-Elect:** Priscilla C. Grew, University of Minnesota, St. Paul; Neil D. Opdyke, University of Florida, Gainesville.

**Member-at-Large of the Section Committee:** Christopher G. A. Harrison, University of Miami, FL; John F. Shroder, Jr., University of Nebraska, Omaha.

**Electorate Nominating Committee:** J. Paul Dauphin, National Science Foundation; Miriam Kastner, University of California, San Diego; Patricia H. Kelley, University of North Dakota, Grand Forks; James C. Knox, University of Wisconsin, Madison.

### History and Philosophy of Science

**Chair-Elect:** Peter Achinstein, Johns Hopkins University; Lindley Darden, University of Maryland, College Park.

**Member-at-Large of the Section Committee:** Muriel L. Blaisdell, Miami University, Oxford, OH; Sallie A. Watkins, University of Southern Colorado, Pueblo.

**Electorate Nominating Committee:** Bruce V. Lewenstein, Cornell University; Sara Joan Miles, Wheaton College, Wheaton, IL; John W. Servos, Amherst College, Amherst, MA; Frank J. Sulloway, Massachusetts Institute of Technology.

**Council Delegate:** Joseph C. Pitt, Virginia Polytechnic Institute and State University, Blacksburg; Alan E. Shapiro, University of Minnesota, Minneapolis.

### Industrial Science

**Chair-Elect:** Mary Ellen Mogee, Mogee Research & Analysis Associates, Great Falls, VA; Lee W. Rivers, National Technology Transfer Center, Wheeling, WV.

**Member-at-Large of the Section Committee:** Daniel Berg, Rensselaer Polytechnic Institute; Sally A. Rood, Systems Engineering and Management Associates, Inc., Al-

exandria, VA.

**Electorate Nominating Committee:** Donald W. Collier, Chicago; Christopher T. Hill, RAND-Critical Technologies Institute, Washington, DC; June W. Turley, Dow Chemical Co., Midland, MI; Eugene (Gene) Y. Weissman, University of Washington, Seattle.

**Council Delegate:** Albert H. Rubenstein, Northwestern University, Evanston, IL; Frank X. Werber, USDA-ARS, Beltsville, MD.

### Information, Computing, and Communication

**Chair-Elect:** Ted Brandhorst, ERIC Processing and Reference Facility, Rockville, MD; Susan K. Nutter, North Carolina State University, Raleigh.

**Member-at-Large of the Section Committee:** Lois F. Lunin, Washington, DC; Linda C. Smith, University of Illinois, Urbana.

**Electorate Nominating Committee:** Barbara J. Flood, ARC/Philadelphia Developmental Disabilities Corp.; Francis Miksa, University of Texas, Austin; Joel Moses, Massachusetts Institute of Technology; Robert S. Tannehill, Jr., Chemical Abstracts Service, Columbus, OH.

### Linguistics and Language Sciences

**Chair-Elect:** Stephen R. Anderson, Johns Hopkins University; Wayne O'Neil, Massachusetts Institute of Technology.

**Member-at-Large of the Section Committee:** David Caplan, Massachusetts General Hospital, Boston, and Harvard Medical School; Sarah Grey Thomason, University of Pittsburgh.

**Electorate Nominating Committee:** Barbara Abbott, Michigan State University, East Lansing; Steven Pinker, Massachusetts Institute of Technology; Susan Steele, University of Arizona, Tucson; Wendy K. Wilkins, Arizona State University, Tempe.

### Mathematics

**Chair-Elect:** Jerry Bona, Pennsylv-

ania State University, University Park; Mary W. Gray, American University, Washington, DC.

**Member-at-Large of the Section Committee:** Robert Osserman, Stanford University and Mathematical Sciences Research Institute, Berkeley; Alfred B. Willcox, Annapolis, MD.

**Electorate Nominating Committee:** Richard F. Arens, University of California, Los Angeles; Melvyn Ciment, National Science Foundation; James A. Donaldson, Howard University, Washington, DC; Robert F. Williams, University of Texas, Austin.

### Medical Sciences

**Chair-Elect:** Leon Gordis, Johns Hopkins University; Arno G. Motulsky, University of Washington, Seattle.

**Member-at-Large of the Section Committee:** Denis A. Evans, Rush-Presbyterian-St. Luke's Medical Center, Chicago; Neal Nathanson, University of Pennsylvania, Philadelphia.

**Electorate Nominating Committee:** Reubin Andres, National Institute on Aging, Baltimore, MD, and Johns Hopkins University; C. Glenn Cobbs, Veterans Affairs Medical Center, Birmingham, AL; Thomas S. Edgington, Scripps Research Institute and University of California, San Diego; Elizabeth F. Neufeld, University of California, Los Angeles.

**Council Delegates:** Rafi Ahmed, University of California, Los Angeles; John G. Bartlett, Johns Hopkins University; Stanley Falkow, Stanford University; Judah Folkman, Children's Hospital, Boston; Diane Edmund Griffin, Johns Hopkins University; Joseph S. Handler, Johns Hopkins University; Steven M. Holland, National Institute of Allergy and Infectious Diseases; Richard T. Johnson, Johns Hopkins University; Keith Alan Joiner, Yale University; Robert Roberts, Baylor College of Medicine; Noel R. Rose, Johns Hopkins University; Frank E. Speizer, Harvard Medical School; John B. West, University of California, San

Diego; Elizabeth J. Ziegler, University of California, San Diego.

### Pharmaceutical Sciences

**Chair-Elect:** Kenneth A. Connors, University of Wisconsin, Madison; David J. Trigg, State University of New York, Buffalo.

**Member-at-Large of the Section Committee:** Laurence H. Hurley, University of Texas, Austin; Sidney D. Nelson, University of Washington, Seattle.

**Electorate Nominating Committee:** John H. Block, Oregon State University, Corvallis; Duane C. Bloedow, Synergen, Boulder, CO; Carol A. Gloff, ALKERMES, Inc., Cambridge, MA; Richard H. Guy, University of California, San Francisco.

### Physics

**Chair-Elect:** Elizabeth Urey Baranger, University of Pittsburgh; Sheldon Datz, Oak Ridge National Laboratory.

**Member-at-Large of the Section Committee:** Steven E. Koonin, California Institute of Technology; Virginia Trimble, University of California, Irvine, and University of Maryland, College Park.

**Electorate Nominating Committee:** Arthur Bienenstock, Stanford University; Vera Kistiakowsky, Massachusetts Institute of Technology; Eugene C. Loh, University of Utah, Salt Lake City; June L. Matthews, Massachusetts Institute of Technology.

### Psychology

**Chair-Elect:** Alice F. Healy, University of Colorado, Boulder; R. Duncan Luce, University of California, Irvine.

**Member-at-Large of the Section Committee:** Earl Hunt, University of Washington, Seattle; Henry L. Roediger, III, Rice University, Houston, TX.

**Electorate Nominating Committee:** Russell M. Church, Brown University; Rachel Keen Clifton, University of Massachusetts, Amherst; David E. Meyer, University

of Michigan, Ann Arbor; Thomas O. Nelson, University of Washington, Seattle.

**Council Delegates:** Diana Deutsch, University of California, San Diego; Judith P. Goggin, University of Texas, El Paso; James J. Jenkins, University of South Florida, Tampa; Janet T. Spence, University of Texas, Austin.

### Social, Economic, and Political Sciences

**Chair-Elect:** William R. Freudenburg, University of Wisconsin, Madison; Melvin L. Kohn, Johns Hopkins University.

**Member-at-Large of the Section Committee:** Dean R. Gerstein, National Opinion Research Center, Washington, DC; Phyllis Moen, Cornell University.

**Electorate Nominating Committee:** Virginia S. Cain, National Institute of Child Health and Human Development; John W. Mellor, John Mellor Associates, Inc., Washington, DC; Dorothy Nelkin, New York University; Richard C. Rockwell, Inter-university Consortium for Political and Social Research, Ann Arbor, MI.

**Council Delegate:** Vernon W. Ruttan, University of Minnesota, St. Paul; Donald E. Stokes, Princeton University.

### Societal Impacts of Science and Engineering

**Chair-Elect:** Nicholas A. Ashford, Massachusetts Institute of Technology; Phyllis Kahn, Minnesota House of Representatives, Minneapolis.

**Member-at-Large of the Section Committee:** Frederick H. Buttel, University of Wisconsin, Madison; Susan G. Hadden, University of Texas, Austin.

**Electorate Nominating Committee:** Alan Fechter, National Research Council; Sheila Sen-Jasanoff, Cornell University; Branden B. Johnson, New Jersey Department of Environmental Protection and Energy, Trenton; Raymond A. Zilinskas, Maryland Biotechnology Institute, College Park.

### Statistics

**Chair-Elect:** Susan E. Ellenberg, Food and Drug Administration, Rockville, MD; Emanuel Parzen, Texas A&M University, College Station.

**Member-at-Large of the Section Committee:** David R. Brillinger, University of California, Berkeley; Jessica Utts, University of California, Davis.

**Electorate Nominating Committee:** Clifford C. Clogg, Pennsylvania State University, University Park; Iain M. Johnstone, Stanford University; S. Leurgans, Rush-Presbyterian-St. Luke's Medical Center, Chicago; Ronald A. Thisted, University of Chicago.

### Science Innovation '93

- Optical tweezers used to tease apart molecular motors.
- Filamentous fungi turned into pharmaceutical factories.
- Thinking machines behave like neural networks.

■ Doctors operate using virtual reality.

Is it a list of subplots for some avant-garde, made-for-television movie directed by Oliver Stone? No—just a few of the emerging technologies that will be discussed at Science Innovation '93.

Co-sponsored by AAAS and Science, this meeting will bring together top scientists to discuss the latest technological developments and how they can be applied to streamlining research. "This meeting uniquely focuses on the process of research rather than on its findings," says Program Chair Savio Woo, a professor of cell biology and molecular genetics at the Baylor College of Medicine.

AAAS Meetings Director Robin Yeaton Woo likens the conference to a giant lab meeting, where you can "speak about your problems and successes, get solutions, and network" with colleagues. Last year, more than 100 exhibitors displayed their wares and provided their technical expertise at Science Innovation '92 in San Francisco.

Where else could you spend the morning getting an update on the Human Genome Project from Francis Collins, director of the National Center for Human Genome Research, and still have the afternoon free to attend discussions and technical exhibits on amplifying and sequencing DNA, constructing genomic libraries, and performing gene transfers?

In addition to participating in lively discussions on the potential of gene therapy, you will learn about cardiac chaos, nanoengineering, antibody catalysis, PCB bioremediation, noninvasive diagnostics, patent law, and novel treatments for diabetes, cancer, tuberculosis, and AIDS.

Science Innovation '93 touches down at the Hynes Convention Center in Boston from 6 to 10 August 1993. If you would like a copy of the program or more information, contact the Meetings Office at 202-326-6714, or by fax at 202-289-4021.

### Calling All Critics

Forget *Jurassic Park*. The AAAS-Westinghouse Science Journalism Awards program is looking for scientists to review its 1993 video broadcast entries.

From insect behavior and earthquakes to buckyballs and the Big Bang—these films are guaranteed to be insightful and entertaining.

If you plan to be in the Washington, D.C., area in August or September and would like to volunteer to review these films for their scientific accuracy, please contact Nan Broadbent at 202-326-6436.