

AAAS NEWS & NOTES

edited by LISA CRYE

EPA Fellows Program Expanded

As a testament to its success and tenure, AAAS and the U.S. Environmental Protection Agency (EPA) celebrated the 17th anniversary of the AAAS/EPA Environmental Science and Engineering Fellowship program and marked its expansion from a 10-week summer fellowship to a 1-year program.

Former fellows and representatives of the Washington, D.C., environmental policy community gathered at AAAS on 4 June to reflect on the fellowship's history. The event featured Paul Portney, president of Resources for the Future, who addressed the event's theme, "Making History: The Past and Future of Environmental Policy."

North Carolina State University professor Jean Beagle Ristaino, a 1996 Environmental Fellow, said she received a phone call from a staff member of the U.S. House of Representatives Agriculture Committee as she was preparing her remarks for the anniversary celebration. The staffer wanted to know what questions should be asked during a hearing on methyl bromide—a commonly used soil fumigant that is also an ozone depleting compound.

"This is a perfect example of how my fellowship experience broadened my linkages with others outside the research community," Ristaino said. "I now know that scientists can and should continue to provide relevant information to policy, regulatory, and legislative agencies so policy-makers can make informed science-based decisions." Ristaino's work on methyl bromide has been used by policy-makers and others outside the scientific community to support phasing out the chemical by January 2001.

Peter Preuss, director of the National Center for Environmental Research and Quality Assurance at EPA, which funds the fellowship, says that many

of the 170 scientists who have served as fellows are now leading practitioners of environmental science.

"I am always surprised at how much the fellows are able to accomplish in 10 weeks," Preuss said. He added that there is already much interest from the agency about the 10 incoming year-long fellows, particularly for the fresh outlook they bring to issues, as well as their expertise. "The response has been so positive, we may want to expand the program beyond 10 fellows."

Hilary Inyang, University Professor/DuPont Young Pro-

fessor and director of the Center for Environmental Engineering, Science and Technology at the University of Massachusetts at Lowell also believes that the AAAS/EPA Fellowship helped shape his career. In a letter of support for the fellowship, Inyang said that the major initiating event in his acceleration along the engineering/science professional track was his 1991 Environmental Fellowship. Inyang's many accomplishments include his appointment to EPA's Science Advisory Board, for which he currently chairs the Environmental Engineering Committee.

First Revelle Fellow Explores Opportunities in Washington

By the time she was finishing her Master's degree in physics at the University of California at Berkeley, Ann Kinzig knew she would not "do science purely for science's sake." Instead, her vision to "elucidate and mitigate the most compelling environmental threats to human well being" will bring her to Washington, D.C., as the first recipient of the AAAS Roger Revelle Fellowship in Global Stewardship.

In early June, Kinzig met with directors and staff from a number of federal agencies, congressional

offices, and nonprofit organizations to investigate opportunities for her year-long fellowship, which begins 1 September. The Revelle Fellow can serve anywhere in the Washington, D.C., policy community working on domestic or international issues encompassed under the umbrella of "global stewardship." This flexibility to select her own host, Kinzig says, is welcome.

"I am looking for a place where I have access to a cross section of policy issues and can interact with a variety of policy-makers, agencies, and organizations," Kinzig said. "I'd like to put myself where I can get the most comprehensive picture

AAAS Fellowships

Applications for the 1999–2000 AAAS Science Policy Fellowships for scientists and engineers are due 15 January 1999. Fellows serve for 1 year in the Congress or in an agency of the Executive Branch to bring good science to bear on policy decisions. Applicants must have a Ph.D. or equivalent doctoral level degree at the time of application. Persons with a master's degree in engineering and at least 3 years of post-degree professional experience may also apply. For more information, contact the AAAS Science Policy Fellowship office at 202-326-6700.

possible, and I would like to use the fellowship to pursue something that might otherwise be difficult to obtain."

Kinzig holds a joint post-doctoral research position with Princeton University's Department of Ecology and Evolutionary Biology in the Center for Energy and Environmental Studies, and the Science, Technology, and Environmental Policy Program in the Woodrow Wilson School of Public and International Affairs. She is also the assistant director of the Princeton Environmental Institute. Kinzig received her Ph.D. from Berkeley's interdisciplinary Energy and Resources Group.

AAAS Annual Election: Preliminary Announcement

The 1998 AAAS election of general and section officers will be held in September. All members will receive a 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: Atmospheric and Hydrospheric Sciences; Dentistry; Education; General Interest in Science and Engineering; Information, Computing, and Communication; Linguistics and Language Science; Pharmaceutical Sciences; Societal Impacts of Science and Engineering; and Statistics.

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 10 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.

AAAS Annual Election: Slate of Candidates

General Election

President-Elect: Mary Lowe Good, Venture Capital Investors, Little Rock, AR; Gilbert S. Omenn, Univ. of Michigan, Ann Arbor.

Board of Directors: Lewis M. Branscomb, Harvard Univ.; Irwin Feller, Pennsylvania State Univ.; Rodney W. Nichols, New York Academy of Sciences, New York City; David E. Shaw, D. E. Shaw & Co., Inc., New York City.

Committee on Nominations: Mary Ellen Avery, Harvard Medical School; Rodger W. Bybee, National Research Council; Victoria A. Fromkin, Univ. of California, Los Angeles; Dallas L. Peck, Reston, VA; Sue V. Rosser, Univ. of Florida, Gainesville; A. Richard Seebass, Univ. of Colorado, Boulder; Larry R. Squire, V.A. Medical Center, San Diego; Robert Watson, World Bank, Washington, DC.

Section Elections Agriculture, Food, and Renewable Resources

Chair-Elect: James B. Sinclair, Univ. of Illinois, Urbana-Champaign; Carroll P. Vance, Univ. of Minnesota, St. Paul.

Member-at-Large of the Section Committee: Don H. Beermann, Cornell Univ.; C. J. "Bud" Weiser, Oregon State Univ., Corvallis.

Electorate Nominating Committee: Janice M. Bahr, Univ. of Illinois, Urbana; C. Lee Campbell, North Carolina State Univ., Raleigh; Peggy G. Lemaux, Univ. of California, Berkeley; Max F. Rothschild, Iowa State Univ., Ames.

Anthropology

Chair-Elect: Eugenie C. Scott, National Center for Science Education, El Cerrito, CA; Mark L. Weiss, Wayne State Univ.

Member-at-Large of the Section Committee: William L. Hylander, Duke Univ.; Henry M. McHenry, Univ. of California, Davis.

Electorate Nominating Committee: Susan C. Anton, Univ. of Florida, Gainesville; Elizabeth M. Brumfiel, Albion College, Albion, MI; Robert E. Dewar, Univ. of Connecticut, Storrs; Laurie R. Godfrey, Univ. of Massachusetts, Amherst.

Astronomy

Chair-Elect: Paula Szkody, Univ. of Washington, Seattle; Lee Anne Willson, Iowa State Univ., Ames.

Member-at-Large of the Section Committee: Joseph A. Burns, Cornell Univ.; Nancy D. Morrison, Univ. of Toledo.

Electorate Nominating Committee: Adrienne M. Cool, San Francisco State Univ.; Michael G. Hauser, Space Telescope Science Institute, Baltimore; Wes Lockwood, Lowell Observatory, Flagstaff, AZ; Catherine Pilachowski, National Optical Astronomy Observatories, Tucson.

Atmospheric and Hydrospheric Sciences

Chair-Elect: Stephen H. Schneider, Stanford Univ.; Gunter Weller, Univ. of Alaska, Fairbanks.

Member-at-Large of the Section Committee: Tamara Shapiro Ledley, TERC, Cambridge, MA; Tom Wigley, National Center for Atmospheric Research, Boulder.

Electorate Nominating Committee: Leo J. Donner, NOAA Geophysical Fluid Dynamics Lab., Princeton Univ.; Kristina Katsaros, NOAA Atlantic Oceanographic and Meteorological Lab., Miami; Thomas H. Kinder, Office of Naval Research, Arlington, VA; Alan Robock, Rutgers Univ.

Council Delegate: Richard T. Barber, Duke Univ.; Richard C. J. Somerville, Scripps Institution of Oceanography, San Diego.

Biological Sciences

Chair-Elect: May R. Berenbaum, Univ. of Illinois, Urbana; Barbara L. Bentley, Univ. of Utah, Salt Lake City.

Member-at-Large of the Section Committee: Maureen A. Donnelly, Florida International Univ., N. Miami; Harry W. Greene, Univ. of California, Berkeley.

Electorate Nominating Committee: Barbara S. Beltz, Wellesley College; Joel Kingsolver, Univ. of Washington, Seattle; Ulrich G. Mueller, Univ. of Maryland, College Park; Donald C. Potts, Univ. of California, Santa Cruz.

Chemistry

Chair-Elect: Clayton H. Heathcock, Univ. of California, Berkeley; Peter J. Stang, Univ. of Utah, Salt Lake City.

Member-at-Large of the Section Com-

mittee: Peter C. Jurs, Pennsylvania State Univ.; Gabor A. Somorjai, Univ. of California, Berkeley.

Electorate Nominating Committee: Fred C. Anson, California Institute of Technology; Barry K. Carpenter, Cornell Univ.; Jon Clardy, Cornell Univ.; Michael P. Doyle, Univ. of Arizona and Research Corp., Tucson.

Dentistry

Chair-Elect: Barry R. Rifkin, New York Univ.; Irving M. Shapiro, Univ. of Pennsylvania, Philadelphia.

Member-at-Large of the Section Committee: Keith E. Alley, Ohio State Univ., Columbus; Sandy C. Marks, Jr., Univ. of Massachusetts Medical Center, Worcester.

Electorate Nominating Committee: David S. Carlson, Texas A&M Univ.—Baylor College of Dentistry, Dallas; Robert J. Collins, Jr., International and American Associations for Dental Research, Alexandria, VA; Ann Progulski-Fox, Univ. of Florida, Gainesville; Huw F. Thomas, Univ. of Texas Health Science Center, San Antonio.

Council Delegate: Marc D. McKee, Univ. of Montreal; John J. Sauk, Univ. of Maryland, Baltimore.

Education

Chair-Elect: James P. Barufaldi, Univ. of Texas, Austin; James H. Stith, American Institute of Physics, College Park, MD.

Member-at-Large of the Section Committee: Vincent N. Lunetta, Pennsylvania State Univ.; Gerald Skoog, Texas Tech Univ., Lubbock.

Electorate Nominating Committee: Julia V. Clark, National Science Foundation; Barry J. Fraser, Curtin Univ. of Technology, Perth, Australia; M. Frank Watt Ireton, American Geophysical Union, Washington, DC; John R. Staver, Kansas State Univ., Manhattan.

Council Delegate: Valerie C. Chase, National Aquarium in Baltimore; Henry W. Heikkinen, Univ. of Northern Colorado, Greeley.

Engineering

Chair-Elect: Stuart L. Cooper, Univ. of Delaware, Newark; Ernest T. Smerdon, National Science Foundation.

Member-at-Large of the Section Com-

mittee: Richard J. Goldstein, Univ. of Minnesota, Minneapolis; Christian E. G. Przirembel, Clemson Univ.

Electorate Nominating Committee: Cynthia J. Atman, Univ. of Pittsburgh; Robert M. Gray, Stanford Univ.; Kenneth E. Harwell, USAF Research Lab., Wright-Patterson AFB, OH; Antonio Moreira, Univ. of Maryland, Baltimore.

General Interest in Science and Engineering

Chair-Elect: Marta Cehelsky, National Science Foundation; John L. Safko, Univ. of South Carolina, Columbia.

Member-at-Large of the Section Committee: Shyamal K. Majumdar, Lafayette College, Easton, PA; Ertle Thompson, Univ. of Virginia, Charlottesville.

Electorate Nominating Committee: David J. Fox, Univ. of Tennessee, Knoxville; Elizabeth S. Ivey, Univ. of Hartford, W. Hartford, CT; Wil Lepkowski, American Chemical Society, Washington, DC; Victor J. Mayer, Ohio State Univ., Columbus. *Council Delegate:* Sharon M. Friedman, Lehigh Univ., Bethlehem, PA; Don Jordan, Univ. of South Carolina, Columbia.

Geology and Geography

Chair-Elect: Susan L. Cutter, Univ. of South Carolina, Columbia; W. Gary Ernst, Stanford Univ.

Member-at-Large of the Section Committee: Richard K. Bambach, Virginia Polytechnic Institute and State Univ., Blacksburg; Bruce F. Molnia, U.S. Geological Survey, Reston, VA.

Electorate Nominating Committee: Rodey Batiza, Univ. of Hawaii, Honolulu; John M. Ferry, Johns Hopkins Univ.; Samuel M. Savin, Case Western Reserve Univ.; Frederick J. Swanson, USDA Forest Service, Corvallis, OR.

History and Philosophy of Science

Chair-Elect: Paul Forman, Smithsonian Institution, Washington, DC; Thomas F. Gieryn, Indiana Univ., Bloomington.

Member-at-Large of the Section Committee: Valerie Gray Hardcastle,

Virginia Polytechnic Institute and State Univ., Blacksburg; Philip J. Pauly, Rutgers Univ.

Electorate Nominating Committee: Bonnie Ellen Blustein, Edwin G. Forman High School, Chicago; Rose-Mary Sargent, Merrimack College, N. Andover, MA; John W. Servos, Amherst College, Amherst, MA; Vassiliki Betty Smocovitis, Univ. of Florida, Gainesville.

Industrial Science and Technology

Chair-Elect: Don E. Kash, George Mason Univ., Fairfax, VA; J. David Roessner, Georgia Institute of Technology, Atlanta.

Member-at-Large of the Section Committee: Tyrone D. Mitchell, Corning, Inc., Corning, NY; William G. Morin, R. Wayne Sayer & Associates, Washington, DC.

Electorate Nominating Committee: Gary Lundquist, Parker, CO; Patricia M. Mooney, IBM T. J. Watson Research Center, Yorktown Heights, NY; Grace L. Ostenso, Washington, DC; Thomas P. Sheahen, Science Applications International Corp., Gaithersburg, MD.

Information, Computing, and Communication

Chair-Elect: Ching-chih Chen, Simmons College, Newton, MA; Solomon W. Golomb, Univ. of Southern California.

Member-at-Large of the Section Committee: David Gries, Cornell Univ.; Dorothy McGarry, Univ. of California, Los Angeles.

Electorate Nominating Committee: Fernando J. Corbató, Massachusetts Institute of Technology; Susan K. Nutter, North Carolina State Univ., Raleigh; Fred B. Schneider, Cornell Univ.; John A. Stankovic, Univ. of Virginia, Charlottesville.

Council Delegate: Duncan A. Buell, Institute for Defense Analyses, Bowie, MD; John E. Hopcroft, Cornell Univ.

Linguistics and Language Science

Chair-Elect: Mark Aronoff, State Univ. of New York, Stony Brook; Eve V. Clark, Stanford Univ.

Member-at-Large of the Section

Committee: Susan Goldin-Meadow, Univ. of Chicago; Douglas H. Whalen, Haskins Labs., New Haven, CT.

Electorate Nominating Committee: Barbara Abbott, Michigan State Univ., East Lansing; Paul G. Chapin, National Science Foundation; Daniel L. Everett, Univ. of Pittsburgh; Frederick J. Newmeyer, Univ. of Washington, Seattle.

Council Delegate: Barbara C. Lust, Cornell Univ.; Elizabeth Closs Traugott, Stanford Univ.

Mathematics

Chair-Elect: Gene H. Golub, Stanford Univ.; Joseph Malkevitch, York College, Jamaica, NY.

Member-at-Large of the Section Committee: James A. Donaldson, Howard Univ., Washington, DC; Mitchell Taibleson, Washington Univ., St. Louis.

Electorate Nominating Committee: Mary Ellen Bock, Purdue Univ.; William F. Eddy, Carnegie Mellon Univ.; Robert M. Miura, Univ. of British Columbia; Dave Witte, Oklahoma State Univ., Stillwater.

Medical Sciences

Chair-Elect: Guy M. McKhann, Johns Hopkins Univ.; Sondra Schlesinger, Washington Univ., St. Louis.

Member-at-Large of the Section Committee: C. Thomas Caskey, Merck Research Labs., West Point, PA; Mary Woolley, Research!America, Alexandria, VA.

Electorate Nominating Committee: Robert S. Fujinami, Univ. of Utah, Salt Lake City; Pearay L. Ogra, Univ. of Texas Medical Branch, Galveston; Janet D. Rowley, Univ. of Chicago; Flossie Wong-Staal, Univ. of California, San Diego.

Neuroscience

Chair-Elect: Peter L. Strick, V.A. Medical Center and State Univ. of New York Health Science Center, Syracuse; Leslie G. Ungerleider, National Institute of Mental Health.

Member-at-Large of the Section Committee: Corey S. Goodman, Univ. of California, Berkeley; Susan Hockfield, Yale Univ.

Electorate Nominating Committee: John H. Byrne, Univ. of Texas, Houston; Fred H. Gage, Univ. of Califor-

nia, San Diego; Guillermo R. Pilar, Case Western Reserve Univ.; Thomas A. Woolsey, Washington Univ., St. Louis.

Pharmaceutical Sciences

Chair-Elect: Vincent H. L. Lee, Univ. of Southern California; Harold H. Wolf, Univ. of Utah, Salt Lake City.

Member-at-Large of the Section Committee: Rodney L. Johnson, Univ. of Minnesota, Minneapolis; Dhiren R. Thakker, Univ. of North Carolina, Chapel Hill.

Electorate Nominating Committee: Jessie L.-S. Au, Ohio State Univ., Columbus; Stuart Feldman, Univ. of Georgia, Athens; Michael A. Schwartz, Univ. of Florida, Gainesville; Glynn Wilson, GWG, Issaquah, WA.

Council Delegate: Jeanette C. Roberts, Univ. of Utah, Salt Lake City; Elizabeth M. Topp, Univ. of Kansas, Lawrence.

Physics

Chair-Elect: Peter D. Bond, Brookhaven National Lab.; Eugen Merzbacher, Univ. of North Carolina, Chapel Hill.

Member-at-Large of the Section Committee: Richard D. Deslattes, National Institute of Standards and Technology; Martha A. Krebs, U.S. Department of Energy.

Electorate Nominating Committee: Sam M. Austin, Michigan State Univ., East Lansing; Jonathan A. Bagger, Johns Hopkins Univ.; Bernd Crasemann, Univ. of Oregon, Eugene; Pierre C. Hohenberg, Yale Univ.

Psychology

Chair-Elect: Irving Biederman, Univ. of Southern California; Roberta L. Klatzky, Carnegie Mellon Univ.

Member-at-Large of the Section Committee: Rachel Keen Clifton, Univ. of Massachusetts, Amherst; Stephen M. Kosslyn, Harvard Univ.

Electorate Nominating Committee: Robyn M. Dawes, Carnegie Mellon Univ.; Leslie H. Hicks, Howard Univ., Washington, DC; Miriam F. Keltz, National Institute on Aging; John F. Kihlstrom, Univ. of California, Berkeley.

Social, Economic, and Political Sciences

Chair-Elect: Barbara Denning

Finberg, MEM Associates, New York City; Robert E. Evenson, Yale Univ. **Member-at-Large of the Section Committee:** Roger E. Kasperson, Clark Univ., Worcester, MA; Lawrence W. Libby, Ohio State Univ., Columbus.

Electorate Nominating Committee: Ronald F. Abler, Association of American Geographers, Washington, DC; Paul D. Cleary, Harvard Medical School; Don A. Dillman, Washington State Univ., Pullman; Gordon C. Rausser, Univ. of California, Berkeley.

Societal Impacts of Science and Engineering

Chair-Elect: Radford Byerly, Jr., Boulder, CO; Norine E. Noonan, Florida Institute of Technology, Melbourne.

Member-at-Large of the Section Committee: Susan E. Cozzens, Rensselaer Polytechnic Institute; Penny Jane Gilmer, Florida State Univ., Tallahassee.

Electorate Nominating Committee: Peter D. Blair, Sigma Xi, The Scientific Research Society, Research Triangle Park, NC; David E. Blockstein, National Institute for the Environment, Washington, DC; Cheryl M. Corsaro, National Institutes of Health; Caroline Whitbeck, Case Western Reserve Univ.

Council Delegate: Stephanie J. Bird, Massachusetts Institute of Technology; Lawrence Busch, Michigan State Univ., East Lansing.

Statistics

Chair-Elect: Judith D. Goldberg, Bristol-Myers Squibb, Princeton, NJ; David W. Scott, Rice Univ.

Member-at-Large of the Section Committee: Sallie Keller-McNulty, Los Alamos National Lab.; Richard A. Olshen, Stanford Univ.

Electorate Nominating Committee: Mary A. Foulkes, Statistics Collaborative, Washington, DC; Peter McCullagh, Univ. of Chicago; Juliet Popper Shaffer, Univ. of California, Berkeley; Jessica M. Utts, Univ. of California, Davis.

Council Delegate: Nancy Flournoy, American Univ., Washington, DC; Jon Kettenring, Belcore, Morristown, NJ.