HUMAN RIGHTS

AAAS Project Documents Human Rights Abuses in Kosovo

In a refugee collection point in downtown Kukes, Albania, Patrick Ball was called over by a family of ethnic Albanians who had fled the violence and destruction in Kosovo, where Yugoslav President Slobodan Milosevic continued to station his troops despite months of NATO bombing. The family, who had just arrived, immediately launched into a narrative, but Ball motioned them to wait until he could summon a translator.
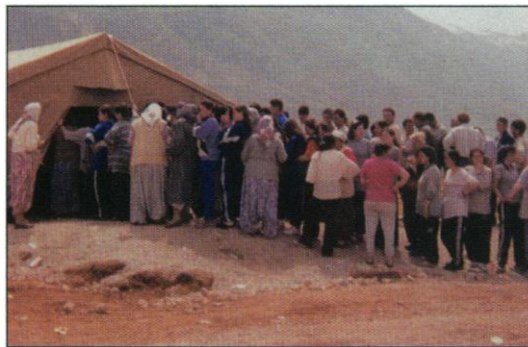
Through the translator, the family told the story of being forced to leave their home, escaping on tractor. En route to Albania, the family was stopped by a group of uniformed Serbian men who forced the Kosovar men out of the tractor and made them kneel on the ground. The Serbian soldiers sent the women on their way, taunting them that they would never see their men again. For 100 deutschmarks, the soldiers allowed the women to buy back the life of one of the men—a 14-year-old boy who drove the tractor to Albania.

"In my 10 years of human rights work, these were some of the hardest 3 or 4 days I've ever experienced," said Ball, deputy director of the AAAS Science and Human Rights Program. Ball has helped document human rights abuses in several nations, including Guatemala, Haiti, and South Africa. Now, he is working with Human Rights Watch, the Human Rights Center of the University of California–Berkeley, and an Albanian partner organization, the Tirana-based Institute for Policy and Legal Studies, in a project to measure the patterns and magnitude of human rights violations in Kosovo. More than 800,000 ethnic Albanians have fled to Albania, Macedonia, and Montenegro, and many tell stories of massacres, rapes, and other atrocities in Kosovo.

Ball has found that science can be a useful tool in human rights work, and he has designed new applications of scientific methods to assist in the investigation of abuses. Ball uses social science methods, computer software, databases, and statistical analysis to help discover the truth about human rights violations. "What I do isn't cutting edge," Ball said. "It's using standard social science methods and software off the shelf, but in ways people haven't thought of before."

"When violations are so numerous, systematic methods are required to make sense of the enormity of the atrocities," Ball said. They allow those investigating human rights abuses to see otherwise invisible patterns in the violence. Information management systems and social science research methods help human rights workers sort through the large amount of data that is often gathered in investigations—

Ethnic Albanian refugees line up to register at a United Arab Emirates camp outside Kukes, Albania.

often from tens of thousands of interviews and hundreds of thousands of pages of questionnaires and transcripts. An information management system allows investigators to collect, process, represent, and analyze the information that is collected.

Ball helped Guatemala in its investigation of the last three decades' history of human rights violations. AAAS provided scientific and technical support to enable the Guatemala Commission for Historical Clarification to collect and analyze a large amount of data gathered by 7000 interviews and investigating in-depth 88 cases of massacres, kidnappings, disappearances,

and torture. For South Africa's Truth and Reconciliation Commission, Ball furnished technical assistance to establish a database of gross human rights violations during apartheid—the largest structured database on human rights abuses ever collected, based on 22,000 testimonies from witnesses and survivors and including more than 45,000 reported violations. To analyze this data, he generated more than 1200 graphs and tables, of which about 200 were used in the five-volume final report.

The need for a large-scale collection of information on human rights abuses in Kosovo quickly became evident to Ball. No one knows for certain the extent of the violations that have taken place in Kosovo. The International Criminal Tribunal for Former Yugoslavia (ICTY) has indicted Yugoslav authorities for the deportation of 740,000 Kosovars and the murder of 340 Kosovars. Human rights groups and journalists have given estimates of 15,000 to 40,000 Kosovars missing.

"That's why it's so important to gather the information," Ball said. "It's even more important to do so now, because of the likelihood that physical evidence will be destroyed." Evidence of mass graves, for example, can easily be buried in mines or plowed over, preventing the gathering of forensic evidence. "We may never find the bodies, so it raises the stakes for survey-based analysis," Ball said.

Ball worked with Fritz Scheuren, a top statistician and AAAS member, to set up a framework to scientifically measure human rights abuses in Kosovo. Their methods include probability sampling, conversational interviews, relational databases, and statistics. This way, investigators will be able to determine the number of victims, the nature of the crimes, and the identity of those who perpetrated them. Eventually, a report on human rights abuses in Kosovo will be disseminated and the information will be provided to the ICTY.

While most of Ball's work has taken place in countries where the violence occurred some 10 to 20 years ago, the Kosovo project presents a new set of challenges. "This project measures human rights violations as they happen—sometimes only a matter of hours after they have taken place," Ball said. "This is a project of unprecedented potential—to help define the history of Kosovo as it happens."
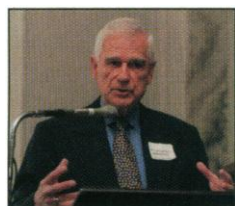
REPORTS

Funding Sought for Medical Research

With federal funding of medical research subject to the vagaries of politics, policy-makers and the scientific community should consider alternative sources of funding in order to meet public health needs and research opportunities, according to the findings of a new AAAS report. The report describes funding options and models that could be used for securing sustained, long-term funding for medical research.

"While federal funding will remain crucial for medical research, policymakers should analyze additional sources to help assure steady and uninterrupted funding of medical research and other fields of science and engineering on which medical progress depends," said Joanne Padrón Carney, assistant director of the AAAS Center for Science, Technology, and Congress.

The report, *How to Fund Science: The Future of Medical Research*, was released at a congressional briefing last month. While it confirms the primacy of the appropriations process, it offers several recommendations for supplemental funding.

A trust or reserve fund for medical research could provide funding. Public and private insurance systems could be mandated to pay the cost of health care services for beneficiaries participating in federally supported clinical trials. Also, the research and experimentation tax credit could be made permanent and restructured to include incentives to create partnerships between the private sector and the academic community.

Former Senator Hatfield spoke at a congressional briefing on medical research funding.

"People with disease and disability do not think we are doing all we can do on their behalf," said Leon Rosenberg, president and chief executive officer of Funding First. "The amount we, as a nation, spend on medical research—from public and private sources—is minuscule compared to what we spend on health care."

The report is based on a workshop held in February and sponsored by AAAS, the Funding First Program of the Mary Woodard Lasker Charitable Trust, and the Burroughs Wellcome Fund. More than 30 experts in the federal budget process, public policy, and several areas of scientific research met to discuss alternative funding mechanisms for medical research.

Mark Hatfield, a former U.S. senator from Oregon who chaired the meeting along with Al Teich, director of AAAS's Science and Policy Programs, described the workshop as an important step in addressing the funding issue. "Medical research is on the crest of significant opportunity if we choose to maximize it," Hatfield said. "I believe we must seek to do so now."

The report can be found on the Web at http://www.aaas.org/spp/dspp/cstc/fund-science.htm.

PROJECT 2061

Early Start Counts in Science Education

Children must be taught concepts such as light and heavy, before and after, and night and day. "None of these is inborn," said child development expert David Elkind of Tufts University. "They must all be constructed using a great deal of time and effort."

Learning such concepts in the pre-kindergarten years, though, could determine how well children learn science, mathematics, and technology when they are older, according to a new report released by AAAS's Project 2061. "Early childhood is a most important period for math, science, and technology education," Elkind wrote in the report, *Dialogue on Early Childhood Science, Mathematics, and Technology Education*.

"The roots of later competence are established long before school age, and recent findings from neuroscience confirm the importance of the link between early experience and subsequent achievement," said Barbara Bowman, president of the Erikson Institute, in the report. Bowman, along with Elkind, are two of 18 education scholars and researchers who contributed to the report. The papers were commissioned by AAAS for the February 1998 Forum on Early Childhood Science, Mathematics, and Technology Education, funded by the National Science Foundation.

Past educational research has cast doubt on very young children's abilities to understand science, mathematics, and technology. According to the Project 2061 report, however, young children may be capable of learning more than previously thought. And if that's the case, more effective science, mathematics, and technology education in early childhood is needed. "It becomes all the more important to ensure that early education exploits the capabilities that young children have," wrote Susan Gelman, professor of psychology at the University of Michigan–Ann Arbor, in the report.

Most of the authors agree, however, that early childhood science and math education is largely inadequate in the United States, receiving little or no attention in most preschool settings. "Aside from counting, number recognition, growing plants, and learning food groups, math, science, and technology are generally given short shrift during the preschool years," Bowman noted.

Copies of the report are available for $12.95 each (item #99-06S) from the AAAS Distribution Center, P.O. Box 521, Annapolis Junction, MD 20710, 1-800-222-7809. The full text is also available online at http://project2061.aaas.org.

ELECTIONS

AAAS Annual Election: Preliminary Announcement

The 1999 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: Agriculture, Food, and Renewable Resources; Engineering; History and Philosophy of Science; Industrial Science and Technology; Medical Sciences; Psychology; and Social, Economic, and Political Sciences.

Candidates for all offices are listed on pages 2191–2192. 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.

AAAS Annual Election: Slate of Candidates

GENERAL ELECTIONS

President-Elect: Phillip A. Griffiths, Institute for Advanced Study, Princeton, NJ; Peter H. Raven, Missouri Botanical Garden, St. Louis.

Board of Directors: Nina V. Fedoroff, Pennsylvania State Univ.; Andrew M. Gleason, Harvard Univ.; Jerome Kagan, Harvard Univ.; Robert C. Richardson, Cornell Univ.

Committee on Nominations: J. Ray Bowen, Univ. of Washington, Seattle; Eloise E. Clark, Bowling Green State Univ.; Mildred S. Dresselhaus, Massachusetts Institute of Technology; John (Jack) H. Gibbons, The Plains, VA; Christopher T. Hill, George Mason Univ., Fairfax, VA; Simon A. Levin, Princeton Univ.; Silvan S. Schweber, Brandeis Univ., Waltham, MA; Jean'ne M. Shreeve, Univ. of Idaho, Moscow.

SECTION ELECTIONS

Agriculture, Food, and Renewable Resources

Chair-Elect: P. Stephen Baenziger, Univ. of Nebraska, Lincoln; Robert M. Hollingworth, Michigan State Univ., East Lansing.

Member-at-Large of the Section Committee: Jo-Ann C. Leong, Oregon State Univ., Corvallis; Richard E. Stuckey, Council for Agricultural Science and Technology, Ames, IA.

Electorate Nominating Committee: Janice M. Bahr, Univ. of Illinois, Urbana; Gale A. Buchanan, Univ. of Georgia, Athens; Thomas T. Chen, Univ. of Connecticut, Storrs; Elizabeth D. Owens, Monsanto Co., St. Louis.

Council Delegate: David Glenn Gilchrist, Univ. of California, Davis; David B. Hogg, Univ. of Wisconsin, Madison.

Anthropology

Chair-Elect: Geoffrey A. Clark, Arizona State Univ., Tempe; Kenneth A.R. Kennedy, Cornell Univ.

Member-at-Large of the Section Committee: Jane E. Phillips-Conroy, Washington Univ., St. Louis; John H. Relethford, State Univ. of New York, Oneonta.

Electorate Nominating Committee: Dena F. Dincauze, Univ. of Massachusetts, Amherst; Janet W. McGrath, Case Western Reserve Univ.; Wenda Trevathan, New Mexico State Univ.; Douglas H. Ubelaker, National Museum of Natural History.

Astronomy

Chair-Elect: Martin Harwit, National Air and Space Museum; James R. Houck, Cornell Univ.

Member-at-Large of the Section Committee: Giovanni G. Fazio, Smithsonian Astrophysical Observatory, Cambridge, MA; Lucy McFadden, Univ. of Maryland, College Park.

Electorate Nominating Committee: John W. Armstrong, Jet Propulsion Lab., Pasadena; Richard P. Binzel, Massachusetts Institute of Technology; Felix J. Lockman, National Radio Astronomy Observatory, Green Bank, WV; Stephen P. Maran, NASA Goddard Space Flight Center, Greenbelt, MD.

Atmospheric and Hydrospheric Sciences

Chair-Elect: Robert E. Dickinson, Univ. of Arizona, Tucson; Stephen E. Schwartz, Brookhaven National Lab.

Member-at-Large of the Section Committee: Peter G. Brewer, Monterey Bay Aquarium Research Institute, Moss Landing, CA; Richard (Rick) W. Spinrad, U.S. Naval Observatory, Washington, DC.

Electorate Nominating Committee: Larry P. Atkinson, Old Dominion Univ., Norfolk, VA; Judith Grassle, Rutgers Univ.; Willard S. Moore, Univ. of South Carolina, Columbia; Michael Prather, Univ. of California, Irvine.

Biological Sciences

Chair-Elect: Laura Grabel, Wesleyan Univ., Middletown, CT; Eloy Rodriguez, Cornell Univ.

Member-at-Large of the Section Committee: Yolanda P. Cruz, Oberlin College, Oberlin, OH; Joann J. Otto, Purdue Univ.

Electorate Nominating Committee: Joseph L. Graves, Jr., Arizona State Univ.-West, Phoenix; Joseph W. Sanger, Univ. of Pennsylvania; Joan E. Strassmann, Rice Univ.; Teresa Thiel, Univ. of Missouri, St. Louis.

Chemistry

Chair-Elect: Joseph J. Gajewski, Indiana Univ., Bloomington; Robert L. Lichter, Camille and Henry Dreyfus Foundation, New York City.

Member-at-Large of the Section Committee: Christopher S. Foote, Univ. of California, Los Angeles; C. Dale Poulter, Univ. of Utah, Salt Lake City.

Electorate Nominating Committee: Peter B. Armentrout, Univ. of Utah, Salt Lake City; Barry K. Carpenter, Cornell Univ.; K. N. Houk, Univ. of California, Los Angeles; Homer L. Pearce, Eli Lilly & Co., Indianapolis.

Dentistry

Chair-Elect: Frank Dowd, Jr., Creighton Univ., Omaha, NE; Marc W. Heft, Univ. of Florida, Gainesville.

Member-at-Large of the Section Committee: Pamela K. Den Besten, Univ. of California, San Francisco; J. Terrell Hoffeld, National Institutes of Health.

Electorate Nominating Committee: Ikramuddin Aukhil, Univ. of North Carolina, Chapel Hill; Ann Progulske-Fox, Univ. of Florida, Gainesville; Philip Stashenko, Norfolk, MA; Domenick T. Zero, Univ. of Rochester.

Education

Chair-Elect: Ann C. Howe, Raleigh, NC; Kenneth Tobin, Univ. of Pennsylvania.

Member-at-Large of the Section Committee: Lillian C. McDermott, Univ. of Washington, Seattle; Kathryn Scantlebury, Univ. of Delaware, Newark.

Electorate Nominating Committee: Ted Britton, National Center for Improving Science Education, Washington, DC; Barry J. Fraser, Curtin Univ. of Technology, Perth, Australia; William S. Harwood, Indiana Univ., Bloomington; Joe McInerney, Foundation for Genetic Education and Counseling, Baltimore.

Engineering

Chair-Elect: Alice M. Agogino, Univ. of California, Berkeley; Frank S. Barnes, Univ. of Colorado, Boulder.

Member-at-Large of the Section Committee: L. S. "Skip" Fletcher, NASA Ames Research Center, Moffett Field, CA, and Texas A&M Univ., College Station; C. D. Mote, Jr., Univ. of Maryland, College Park.

Electorate Nominating Committee: Bill Batchelor, Texas A&M Univ., College Station; Timothy N. Trick, Univ. of Illinois, Urbana; John R. Whinnery, Univ. of California, Berkeley; Ward O. Winer, Georgia Institute of Technology, Atlanta.

Council Delegates: Thomas E. Everhart, California Institute of Technology; Susan Hackwood, Univ. of California, Riverside; Ernest S. Kuh, Univ. of California, Berkeley; Karl S. Pister, Univ. of California, Santa Cruz.

General Interest in Science and Engineering

Chair-Elect: Julie Ann Miller, *Science News*, Washington, DC; Gloria J. Takahashi, La Habra High School, La Habra, CA.

Member-at-Large of the Section Committee: Charles F. Lytle, North Carolina State Univ., Raleigh; JoAnn Myer Valenti, Brigham Young Univ., Provo, UT.

Electorate Nominating Committee: Sharon Dunwoody, Univ. of Wisconsin, Madison; Robert Finn, Half Moon Bay, CA; Judith E. Parker, 3M, St. Paul, MN; Bob H. Suzuki, California State Polytechnic Univ., Pomona.

Geology and Geography

Chair-Elect: William S. Fyfe, Univ. of Western Ontario, London; John (Jack) F. Shroder, Jr., Univ. of Nebraska, Omaha.

Member-at-Large of the Section Committee: Mary Lynne M. Bird, American Geographical Society, New York City; Nel Caine, Univ. of Colorado, Boulder.

Electorate Nominating Committee: Steven R. Bohlen, U.S. Geological Survey, Reston, VA; Anthony J. Bazel, Arizona State Univ., Tempe; Thure E. Cerling, Univ. of Utah, Salt Lake City; Vance T. Holliday, Univ. of Wisconsin, Madison.

History and Philosophy of Science

Chair-Elect: Robert N. Proctor, Pennsylvania State Univ.; Margaret W. Rossiter, Cornell Univ.

Member-at-Large of the Section Committee: Jonathan Coopersmith, Texas A&M Univ.,

College Station; Christopher P. Toumey, Univ. of Kentucky, Lexington.
Electorate Nominating Committee: William Aspray, Computing Research Association, Washington, DC; Mario Biagioli, Harvard Univ.; Eda Kranakis, Univ. of Ottawa; Silvan S. Schweber, Brandeis Univ., Waltham, MA.
Council Delegate: Michele L. Adlrich, Cornell Univ.; Sheldon Krimsky, Tufts Univ., Medford, MA.

Industrial Science and Technology
Chair-Elect: Daniel Berg, Rensselaer Polytechnic Institute; Don E. Kash, George Mason Univ., Fairfax, VA.
Member-at-Large of the Section Committee: Anthony L. Dent, PQ Corp., Conshohocken, PA; Rod Waters, Laserod, Inc., Gardena, CA.
Electorate Nominating Committee: Todd Anuskiewicz, Michigan Manufacturing Technology Center, Ann Arbor; David W. Cheney, Silver Spring, MD; Donald L. Johnson, Grain Processing Corp., Muscatine, IA; John E. Spencer, PlasmaQuest, Inc., Richardson, TX.
Council Delegate: John D.C. Little, Massachusetts Institute of Technology; Theodore Schlie, Lehigh Univ., Bethlehem, PA.

Information, Computing, and Communication
Chair-Elect: Per-Kristian Halvorsen, Xerox Palo Alto Research Center; Sidney Karin, Univ. of California, San Diego.
Member-at-Large of the Section Committee: Marcia J. Bates, Univ. of California, Los Angeles; Elliot R. Siegel, National Library of Medicine, Bethesda, MD.
Electorate Nominating Committee: Bonnie C. Carroll, Information International Associates, Inc., Oak Ridge, TN; Samuel H. Fuller, Analog Devices, Inc., Norwood, MA; Michael A. Harrison, Univ. of California, Berkeley; William Yslas Vélez, Univ. of Arizona, Tucson.

Linguistics and Language Science
Chair-Elect: Ralph W. Fasold, Georgetown Univ., Washington, DC; Arnold M. Zwicky, Ohio State Univ., Columbus.
Member-at-Large of the Section Committee: Frederick J. Newmeyer, Univ. of Washington, Seattle; Thomas Wasow, Stanford Univ.
Electorate Nominating Committee: Christine Bartels, Cambridge Univ. Press, Stanford Univ.; William A. Kretzschmar, Jr., Univ. of Georgia, Athens; Pamela Munro, Univ. of California, Los Angeles; Laurel J. Watkins, Colorado College, Colorado Springs.

Mathematics
Chair-Elect: Arthur Jaffe, Harvard Univ.; Cora Sadosky, Howard Univ., Washington, DC.
Member-at-Large of the Section Committee: Barbara Lee Keyfitz, Univ. of Houston; Frederic Wan, Univ. of California, Irvine.
Electorate Nominating Committee: Etta Z. Falconer, Spelman College, Atlanta; Murray S. Klamkin, Univ. of Alberta; Joel L. Lebowitz, Rut-

gers Univ.; Clifford Henry Taubes, Harvard Univ.

Medical Sciences
Chair-Elect: Mary K. Estes, Baylor College of Medicine, Houston, TX; Gilbert S. Omenn, Univ. of Michigan, Ann Arbor.
Member-at-Large of the Section Committee: Francis V. Chisari, Scripps Research Institute, La Jolla, CA; David Pleasure, Children's Hospital of Philadelphia.
Electorate Nominating Committee: Linda Collins Cork, Stanford Univ.; Daniel B. Drachman, Johns Hopkins Univ.; Bernard Moss, National Institute of Allergy and Infectious Diseases; Arthur W. Nienhuis, St. Jude Children's Research Hospital, Memphis, TN.
Council Delegates: Karen H. Antman, Columbia Univ.; Christine K. Cassel, Mount Sinai Medical Center, New York City; Harvey R. Colten, Northwestern Univ.; Leon Gordis, Johns Hopkins Univ.; David Korn, Association of American Medical Colleges, Washington, DC; Edison Tak-Bun Liu, National Cancer Institute; Donald R. Mattison, March of Dimes Birth Defects Foundation, White Plains, NY; Thomas C. Merigan, Jr., Stanford Univ.; Debi P. Nayak, Univ. of California, Los Angeles; William E. Paul, National Institute of Allergy and Infectious Diseases; Jonathan M. Samet, Johns Hopkins Univ.; Thomas A. Woolsey, Washington Univ., St. Louis.

Neuroscience
Chair-Elect: Joshua R. Sanes, Washington Univ., St. Louis; Larry R. Squire, Univ. of California and V.A. Medical Center, San Diego.
Member-at-Large of the Section Committee: Charles G. Gross, Princeton Univ.; Susan Hockfield, Yale Univ.
Electorate Nominating Committee: Constance W. Atwell, National Institutes of Health; James R. Bloedel, Barrow Neurological Institute, Phoenix, AZ; Gail D. Burd, Univ. of Arizona, Tucson; Eve Marder, Brandeis Univ., Waltham, MA.

Pharmaceutical Sciences
Chair-Elect: Lance R. Pohl, National Heart, Lung, and Blood Institute; Leroy B. Townsend, Univ. of Michigan, Ann Arbor.
Member-at-Large of the Section Committee: Sheryl J. Hays, Parke-Davis, Ann Arbor, MI; John T. Slattery, Univ. of Washington, Seattle.
Electorate Nominating Committee: Gail D. Anderson, Univ. of Washington, Seattle; Per Artursson, Uppsala Univ.; Tony Ah-Ng Kong, Univ. of Illinois, Chicago; Philip C. Smith, Univ. of North Carolina, Chapel Hill.

Physics
Chair-Elect: John A. Armstrong, Amherst, MA; Patricia M. Dehmer, U.S. Department of Energy, Germantown, MD.
Member-at-Large of the Section Committee: William F. Brinkman, Lucent Technologies, Murray Hill, NJ; Frank Sciulli, Columbia Univ.
Electorate Nominating Committee: Laura H. Greene, Univ. of Illinois, Urbana-Champaign;

Raymond Jeanloz, Univ. of California, Berkeley; Denis B. McWhan, Brookhaven National Lab.; Harry L. Swinney, Univ. of Texas, Austin.

Psychology
Chair-Elect: Elizabeth D. Capaldi, Univ. of Florida, Gainesville; William T. Greenough, Univ. of Illinois, Urbana-Champaign.
Member-at-Large of the Section Committee: Victoria A. Fromkin, Univ. of California, Los Angeles; Joanne L. Miller, Northeastern Univ.
Electorate Nominating Committee: Lila R. Gleitman, Univ. of Pennsylvania; Milton D. Hakel, Bowling Green State Univ.; Jane Stewart, Concordia Univ., Montreal; Joseph L. Young, National Science Foundation.
Council Delegate: James L. McClelland, Carnegie Mellon Univ.; Robert Sekuler, Brandeis Univ., Waltham, MA.

Social, Economic, and Political Sciences
Chair-Elect: Margaret Catley-Carlson, New York City; Eugene (Gene) Rosa, Washington State Univ., Pullman.
Member-at-Large of the Section Committee: Nazli Choucri, Massachusetts Institute of Technology; Gary E. Machlis, National Park Service, Washington, DC, and Univ. of Idaho, Moscow.
Electorate Nominating Committee: Andrew Abbott, Univ. of Chicago; Michael Rothschild, Princeton Univ.; Howard J. Silver, Consortium of Social Science Associations, Washington, DC; Mitchel B. Wallerstein, John D. and Catherine T. MacArthur Foundation, Chicago.
Council Delegate: Ronald R. Rindfuss, Univ. of North Carolina, Chapel Hill; Barbara Boyle Torrey, National Research Service/National Academy of Sciences.

Societal Impacts of Science and Engineering
Chair-Elect: Lawrence Busch, Michigan State Univ., East Lansing; Daryl E. Chubin, National Science Foundation.
Member-at-Large of the Section Committee: Stephen Hilgartner, Cornell Univ.; Andrew J. Vogelsang, EDS Government Consulting Services, Washington, DC.
Electorate Nominating Committee: Elaine Draper, Univ. of California, Berkeley; Sheldon Krimsky, Tufts Univ.; Sandra Panem, Panem & Co., New York City; Michael L. Telson, U.S. Department of Energy, Washington, DC.

Statistics
Chair-Elect: John C. Bailar, III, Univ. of Chicago; Thomas A. Louis, Univ. of Minnesota, Minneapolis.
Member-at-Large of the Section Committee: Stephen E. Fienberg, Carnegie Mellon Univ.; James E. Gentle, George Mason Univ., Fairfax, VA.
Electorate Nominating Committee: Barbara A. Bailar, National Opinion Research Center, Chicago; Donald Guthrie, Univ. of California, Los Angeles; David C. Hoaglin, Abt Associates Inc., Cambridge, MA; James M. Landwehr, Lucent Technologies, Murray Hill, NJ.