

HUMAN RIGHTS

Ukrainian Researcher Honored at AAAS Reception

On 15 June, Sergey Piontkovski attended a reception given in his honor by AAAS in Washington, D.C. But it was only a few months ago that Piontkovski, a marine biologist from Ukraine at the Institute of Biology of the Southern Seas in Sevastopol, faced charges that could have resulted in 8 years imprisonment and heavy fines.

Piontkovski's troubled journey began in October 1999, when the Ukrainian security police raided his office and those of several of his colleagues, searched their computer files, and confiscated their passports. Piontkovski was accused of revealing state secrets and illegal currency transactions. What Piontkovski had done was to publish his unclassified research on plankton and accept grants from foreign funding organizations.

AAAS sent out several alerts on the AAAS Human Rights Action Network (AAASHRAN), helping to coordinate an international response by the scientific and human rights communities on behalf of Piontkovski. According to AAASHRAN, the action taken against Piontkovski and his colleagues, "based solely on scientific collaborations that they have undertaken with Western partners and grants received to undertake such projects, constitutes serious interference with scientific freedom and could seriously jeopardize scientific collaborations with the West."

"These activities are central to the conduct of science as an international activity resting on a strong foundation of openness and shared information," said Audrey Chapman, director of the AAAS Science and Human Rights Program.

Piontkovski warned that the actions of Ukraine against scientists accepting foreign grants could present a real threat to the advancement of science in the country. "Scientists manage to survive today on grants from Western foundations," Piontkovski said. "Chances to get grants in our own country are slim because funds allocated for academic research are miserable."

At the AAAS reception, Piontkovski received a plaque from the AAAS Science and Human Rights Program "in recognition of the contribution he has made, through both



Sergey Piontkovski

action and example, to the promotion and protection of human rights in Ukraine." The plaque was originally presented to him in absentia at the 2000 AAAS Annual Meeting in February in Washington, D.C.

Piontkovski is not the only scientist from the former Soviet Union to face similar charges. Aleksandr Nikitin was arrested in Russia in 1996 and held for 10 months in a former KGB prison after he co-authored a report for the Norwegian environmental group Bellona that exposed the hazards posed by aging nuclear submarines in the Russian Northern Fleet. The Russian Supreme Court in April affirmed the December 1999 judgment of a St. Petersburg court, acquitting Nikitin of all charges. Nikitin received in absentia the AAAS Award for Scientific Freedom and Responsibility at the 2000 AAAS Annual Meeting.

The charges against Piontkovski stemmed from grants he received from INTAS, a European organization supporting international scientific cooperation, and from a British government agency. Piontkovski's work involved analyzing and digitizing a wealth of data on plankton distribution and bioluminescence, collected over the past 30 years in the Atlantic Ocean and the Mediterranean and Black seas. The grants called for making the information, a measure of the ocean's plankton biomass and species biodiversity, available to the scientific community on CD-ROM.

The international scientific community, human rights advocates, and friends and colleagues organized letter-writing cam-

paigns, shared information on a Web site created for the purpose, and raised funds for Piontkovski's legal defense. The authorities eventually dropped all charges and returned his passport. Piontkovski is now living in the United States, where he is associated with the Marine Sciences Research Center at the State University of New York at Stony Brook.

Chapman commented that "the positive outcome of the Piontkovski case underscores the importance of mounting international appeals to support scientists whose human rights are being violated."

AAASHRAN uses e-mail to inform subscribers of cases deserving special attention and to coordinate scientists' efforts to appeal to governments on behalf of their colleagues whose human rights have been violated. An individual case is circulated at regular intervals, with the information necessary to take action provided in a succinct bulletin. Visit the Web site at <http://shr.aaas.org/aaashran>.

ELECTIONS

AAAS Annual Election: Preliminary Announcement

The 2000 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: Anthropology, Astronomy, Biological Sciences, Chemistry, Geology and Geography, Mathematics, Neuroscience, and Physics.

Candidates for all offices are listed on pages 2383–2384. Additional names may be placed in nomination for any office by petition submitted to the Executive Officer no later than 14 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 AAAS. 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: Floyd E. Bloom, Scripps Research Institute, La Jolla, CA; Ralph J. Cicerone, Univ. of California, Irvine.

Board of Directors: Sylvester J. Gates, Univ. of Maryland, College Park; Karen A. Holbrook, Univ. of Georgia, Athens; Victor Rabinowitch, John D. and Catherine T. MacArthur Foundation, Chicago; Lydia Villa-Komaroff, Northwestern Univ., Evanston, IL.

Committee on Nominations: Robert M. Cook-Deegan, National Academy of Sciences; Andrea K. Dupree, Harvard-Smithsonian Center for Astrophysics, Cambridge, MA; M. R. C. Greenwood, Univ. of California, Santa Cruz; Henry W. Heikkinen, Univ. of Northern Colorado, Greeley; John P. McTague, Montecito, CA; Carol L. Rogers, Univ. of Maryland, College Park; Anna C. Roosevelt, Univ. of Illinois, Chicago, and Field Museum of Natural History; Linda S. Wilson, Walpole, ME.

SECTION ELECTIONS

Agriculture, Food, and Renewable Resources

Chair-Elect: Ronald L. Phillips, Univ. of Minnesota, St. Paul; Sue A. Tolin, Virginia Polytechnic Institute and State Univ., Blacksburg.

Member-at-Large of the Section Committee: Dennis T. Avery, Center for Global Food Issues, Churchville, VA; Alan B. Bennett, Univ. of California, Oakland.

Electorate Nominating Committee: Shawn M. Kaeppler, Univ. of Wisconsin, Madison; Anne Kapuscinski, Univ. of Minnesota, St. Paul; Susan R. McCouch, Cornell Univ.; John J. Obrycki, Iowa State Univ., Ames.

Anthropology

Chair-Elect: Lynne Goldstein, Michigan State Univ., East Lansing; Henry C. Harpending, Univ. of Utah, Salt Lake City.

Member-at-Large of the Section Committee: Leslie C. Aiello, Univ. College London; Nina Jablonski, California Academy of Sciences, San Francisco.

Electorate Nominating Committee: Steven R. Leigh, Univ. of Illinois, Urbana; William C. McGrew, Miami Univ., Oxford, OH; Richard R. Wilk, Indiana Univ., Bloomington; Linda D. Wolfe, East Carolina Univ., Greenville, NC.

Council Delegate: Cynthia M. Beall, Case Western Reserve Univ.; Robert W. Sussman, Washington Univ., St. Louis.

Astronomy

Chair-Elect: Alan W. Harris, Jet Propulsion Lab., Pasadena; Stephen S. Holt, NASA Goddard Space Flight Center, Greenbelt, MD.

Member-at-Large of the Section Committee: Marcia Bartusiak, Sudbury, MA; Caitlin Ann Griffith, Northern Arizona Univ., Flagstaff.

Electorate Nominating Committee: Helmut A. Abt, Kitt Peak National Observatory, Tucson, AZ; Steven Federman, Univ. of Toledo; Gerald J. (Jerry) Fishman, NASA Marshall Space Flight Center, Huntsville, AL; William F. Hoffman, Univ. of Arizona, Tucson.

Council Delegate: Richard Conn Henry, Johns Hopkins Univ.; James M. Moran, Harvard-Smithsonian Center for Astrophysics, Cambridge, MA.

Atmospheric and Hydrospheric Sciences

Chair-Elect: Anthony J. Broccoli, Princeton Univ.; Rana A. Fine, Univ. of Miami.

Member-at-Large of the Section Committee: Russell R. Dickerson, Univ. of Maryland, College Park; Richard C. J. Somerville, Univ. of California, San Diego.

Electorate Nominating Committee: Kenneth Caldeira, Lawrence Livermore National Lab.; Alan D. Chave, Woods Hole Oceanographic Institution; Barbara J. Turpin, Rutgers Univ.; Andrew J. Weaver, Univ. of Victoria, BC, Canada.

Biological Sciences

Chair-Elect: C. Ronald Carroll, Univ. of Georgia, Athens; Marjorie L. Reaka-Kudla, Univ. of Maryland, College Park.

Member-at-Large of the Section Committee: John T. Longino, Evergreen State College, Olympia, WA; Robert J. Marquis, University of Missouri, St. Louis.

Electorate Nominating Committee: Hope Hollocher, Princeton Univ.; Timothy S. McClintock, Univ. of Kentucky, Lexington; Dennison Smith, Oberlin College; Billie J. Swalla, Univ. of Washington, Seattle.

Council Delegates: Mary Mennes Allen, Wellesley College; Mary E. Barbercheck, North Carolina State Univ., Raleigh; Barbara Bentley, Noetica Naturalists, Salt Lake City; Mary Alice Cofroth, State Univ. of New York, Buffalo; John J. Ewel, Institute of Pacific Islands Forestry, Honolulu; Rachel Fink, Mount Holyoke College; Joseph L. Graves Jr., Arizona State Univ. West, Phoenix; Matthew H. Greenstone, USDA-ARS, Stillwater, OK; Alan Hastings, Univ. of California, Davis; Kenneth L. Heck Jr., Dauphin Island Sea Lab., AL; David W. Inouye, Univ. of Maryland, College Park; Harry Itagaki, Kenyon College, Gambier, OH; Brian Mulloney, Univ. of California, Davis; John C. Ogden, Florida Institute of Oceanography, St. Petersburg; Esther C. Peters, Tetra Tech, Inc., Fairfax, VA; Sidney K. Pierce, Univ. of South Florida, Tampa; Arthur N. Popper, Univ. of Maryland, College Park; Gene E. Robinson, Univ. of Illinois, Urbana; Teepu Siddique, Northwestern Univ. Medical School, Chicago; David Ucker, Univ. of Illinois, Chicago.

Chemistry

Chair-Elect: Daniel J. Auerbach, IBM Almaden Research Center, San Jose, CA; Gary B. Schuster, Georgia Institute of Technology, Atlanta.

Member-at-Large of the Section Committee: Mostafa A. El-Sayed, Georgia Institute of Technology, Atlanta; C. Dale Poulter, Univ. of Utah, Salt Lake City.

Electorate Nominating Committee: Dale L. Boger, Scripps Research Institute, La Jolla, CA; Maurice Brookhart, Univ. of North Carolina, Chapel Hill; Gregory C. Fu, Massachusetts Institute of Technology; Larry E. Overman, Univ. of California, Irvine.

Council Delegates: Jon Clardy, Cornell Univ.; F. Fleming Crim, Univ. of Wisconsin, Madison; George L. Kenyon, Univ. of Michigan, Ann Arbor; Laura L. Kiessling, Univ. of Wisconsin, Madison; Douglas C. Neckers, Bowling Green State Univ.; Kathryn Parker, Brown Univ.; Douglas J. Raber, National Research Council; Robert J. Silbey, Massachusetts Institute of Technology.

Dentistry

Chair-Elect: Adele L. Boskey, Hospital for Special Surgery, New York City, and Cornell Univ.; John J. Sauk, Univ. of Maryland, Baltimore.

Member-at-Large of the Section Committee: Keith E. Alley, Ohio State Univ., Columbus; Mel L. Kantor, Univ. of Medicine and Dentistry of New Jersey, Newark.

Electorate Nominating Committee: James A. Lipton, National Institute of Dental and Craniofacial Research; S. Petter Lyngstadaas, Univ. of Oslo; Grayson W. Marshall Jr., Univ. of California, San Francisco; James E. Melvin, Univ. of Rochester.

Education

Chair-Elect: Audrey B. Champagne, State Univ. of New York, Albany; Susan Phillips Speece, Fresno City College.

Member-at-Large of the Section Committee: Marvin Druger, Syracuse Univ.; Henry W. Heikkinen, Univ. of Northern Colorado, Greeley.

Electorate Nominating Committee: Jean Beard, San Jose State Univ.; Diane M. Bunce, Catholic Univ. of America; Arthur Eisenkraft, Bedford Public Schools, Ossining, NY; Molly Hand Weinburgh, Georgia State Univ., Atlanta.

Engineering

Chair-Elect: Denice D. Denton, Univ. of Washington, Seattle; James J. Duderstadt, Univ. of Michigan, Ann Arbor.

Member-at-Large of the Section Committee: Maria Karpati Burka, National Science Foundation, Arlington, VA; Ward O. Winer, Georgia Institute of Technology, Atlanta.

Electorate Nominating Committee: Cristina H. Amon, Carnegie Mellon Univ.; Lawrence A. Kennedy, Univ. of Illinois, Chicago; Joel Moses, Massachusetts Institute of Technology; Leo Young, Baltimore, MD.

General Interest in Science and Engineering

Chair-Elect: Sheila D. David, H. John Heinz III Center for Science, Economics, and the Environment, Washington, DC; Elizabeth Hafen, Massachusetts Institute of Technology.

Member-at-Large of the Section Committee: Gregory P. Andorfer, Maryland Science Center, Baltimore; Sharon Dunwoody, Univ. of Wisconsin, Madison.

Electorate Nominating Committee: Frank Blanchard, Whitaker Foundation, Arlington, VA; Richard D. French, American Welding Society, Miami, FL; James M. McCullough, National Science Foundation, Arlington, VA; Susanna Hornig Priest, Texas A&M Univ.

Geology and Geography

Chair-Elect: Kevin Burke, Univ. of Houston; Maryellen Cameron, National Science Foundation, Arlington, VA.

Member-at-Large of the Section Committee: Farouk El-Baz, Boston Univ.; Carolyn S. Shoemaker, U.S. Geological Survey and Northern Arizona Univ., Flagstaff.

Electorate Nominating Committee: Katherine Klink, Univ. of Minnesota, Minneapolis; Maureen E. Raymo, Massachusetts Institute of Technology; Carol M. Tang, Arizona State Univ., Tempe; Kenneth L. Verosub, Univ. of California, Davis.

Council Delegate: Lee De Cola, U.S. Geological Survey, Reston, VA; Jere H. Lipps, Univ. of California, Berkeley.

History and Philosophy of Science

Chair-Elect: Lindley Darden, Univ. of Maryland, College Park; Rosemary A. Stevens, Univ. of Pennsylvania.

Member-at-Large of the Section Committee: James R. Fleming, Colby College, Waterville, ME; Kathryn M. Olesko, Georgetown Univ., Washington, DC.

Electorate Nominating Committee: Douglas Allchin, Univ. of Minnesota, Minneapolis; Michael A. Dennis, Cornell Univ.; Manfred D. Laubichler, Princeton Univ.; Karen Hunger Parshall, Univ. of Virginia, Charlottesville.

Industrial Science and Technology

Chair-Elect: William A. Golomski, W.A. Golomski & Associates, Algoma, WI; Barry G. Silverman, Univ. of Pennsylvania.

Member-at-Large of the Section Committee: Philip W. Hammer, American Institute of Physics, College Park, MD; Robert E. Schafrik, GE Aircraft Engines, Cincinnati.

Electorate Nominating Committee: Anthony Fainberg, U.S. Dept. of Defense; Neil E. Paton, Howmet Corp, Whitehall, MI; Allison Rosenberg, Univ. of California, Oakland; James C. Tsang, IBM T.J. Watson Research Center, Yorktown Heights, NY.

Information, Computing, and Communication

Chair-Elect: Douglas B. Lenat, Cylcorp, Austin, TX; Clifford Lynch, Coalition for Networked Information, Washington, DC.

Member-at-Large of the Section Committee: Jesse H. Poore, Univ. of Tennessee, Knoxville; Mark J. Stefik, Xerox Palo Alto Research Center.

Electorate Nominating Committee: Peter A. Freeman, Georgia Institute of Technology, Atlanta; Lois F. Lunin, New York City; Daniel A. Reed, Univ. of Illinois, Urbana; Stephen S. Yau, Arizona State Univ., Tempe.

Linguistics and Language Science

Chair-Elect: Sheila E. Blumstein, Brown Univ.; Ellen F. Prince, Univ. of Pennsylvania.

Member-at-Large of the Section Committee: Cecile McKee, Univ. of Arizona, Tucson; Keren Rice, Univ. of Toronto.

Electorate Nominating Committee: Barbara Abbott, Michigan State Univ., East Lansing; Osamu Fujimura, Ohio State Univ., Columbus; Ray

Jackendoff, Brandeis Univ.; Barbara H. Partee, Univ. of Massachusetts, Amherst.

Mathematics

Chair-Elect: H. B. Keller, California Institute of Technology; Jean E. Taylor, Rutgers Univ.

Member-at-Large of the Section Committee: Richard Durrett, Cornell Univ.; Martin Golubitsky, Univ. of Houston.

Electorate Nominating Committee: Kenneth L. Cooke, Pomona College; John Guckenheimer, Cornell Univ.; Deborah F. Lockhart, National Science Foundation, Arlington, VA; Ruth Williams, Univ. of California, San Diego.

Council Delegate: Amy Cohen, Rutgers Univ.; Joshua Leslie, Howard Univ., Washington, DC.

Medical Sciences

Chair-Elect: Rebecca H. Buckley, Duke Univ. Medical Center; June E. Osborn, Josiah Macy Jr. Foundation, New York City.

Member-at-Large of the Section Committee: Phyllis Gardner, Stanford Univ.; Elaine S. Jaffe, National Cancer Institute.

Electorate Nominating Committee: Thomas F. Boat, Univ. of Cincinnati and Children's Hospital Research Foundation; Ann E. Kelley, Univ. of Wisconsin, Madison; John Mendelsohn, Univ. of Texas, Houston; David H. Perlmutter, Washington Univ., St. Louis.

Neuroscience

Chair-Elect: Jack L. Feldman, Univ. of California, Los Angeles; Lynn T. Landmesser, Case Western Reserve Univ.

Member-at-Large of the Section Committee: Ann M. Graybiel, Massachusetts Institute of Technology; Story C. Landis, National Institute of Neurological Disorders and Stroke.

Electorate Nominating Committee: Mahlon R. DeLong, Emory Univ.; Howard L. Fields, Univ. of California, San Francisco; Jane Macpherson, Oregon Health Sciences Univ., Portland; Peter L. Strick, Univ. of Pittsburgh.

Council Delegate: Marjorie E. Anderson, Univ. of Washington, Seattle; Dora E. Angelaki, Washington Univ., St. Louis; Joseph T. Coyle, Harvard Medical School, Belmont, MA; Irwin B. Levitan, Univ. of Pennsylvania.

Pharmaceutical Sciences

Chair-Elect: Daniel L. Azarnoff, D.L. Azarnoff Associates, So. San Francisco; Duane D. Miller, Univ. of Tennessee, Memphis.

Member-at-Large of the Section Committee: John H. Block, Oregon State Univ., Corvallis; Ellen N. Cheung, Dynamikos Consulting, Encinitas, CA.

Electorate Nominating Committee: Jeff L. Cleland, Genentech, Inc., So. San Francisco; Jindrich (Henry) Kopecek, Univ. of Utah, Salt Lake City; Rich B. Meyer Jr., Genelabs Technologies, Inc., Redwood City, CA; Wei-Chiang Shen, Univ. of Southern California.

Physics

Chair-Elect: Martin Blume, American Physical Society, Ridge, NY, and Brookhaven National Lab.; Louis J. Lanzerotti, Bell Labs., Lucent Technologies, Inc., Murray Hill, NJ.

Member-at-Large of the Section Committee: Beverly K. Hartline, Los Alamos National Lab.; Steven E. Koonin, California Institute of Technology.

Electorate Nominating Committee: Arthur Bienenstock, Office of Science and Technology Policy, Washington, DC; Aviva Brecher, U.S. Dept. of Transportation, Cambridge, MA; Bunny C. Clark, Ohio State Univ., Columbus; Chris Quigg, Fermi National Accelerator Lab., Batavia, IL.

Council Delegates: Michael Lubell, City Univ. of New York; June L. Matthews, Massachusetts Institute of Technology; Claire Max, Lawrence Livermore National Lab.; Paul S. Peercy, University of Wisconsin, Madison.

Psychology

Chair-Elect: Charles G. Gross, Princeton Univ.; Patricia K. Kuhl, Univ. of Washington, Seattle.

Member-at-Large of the Section Committee: James S. Jackson, Univ. of Michigan, Ann Arbor; Mary C. Potter, Massachusetts Institute of Technology.

Electorate Nominating Committee: C. Sue Carter-Porges, Univ. of Maryland, College Park; Morton Ann Gernsbacher, Univ. of Wisconsin, Madison; George Sperling, Univ. of California, Irvine; Molly V. Wagster, National Institute on Aging.

Social, Economic, and Political Sciences

Chair-Elect: Gary King, Harvard Univ.; Edward O. Laumann, Univ. of Chicago.

Member-at-Large of the Section Committee: Harvey M. Sapolsky, Massachusetts Institute of Technology; T. Paul Schultz, Yale Univ.

Electorate Nominating Committee: Gary L. Albrecht, Univ. of Illinois, Chicago; Wendy Baldwin, National Institute of Child Health and Human Development; Howard Leventhal, Rutgers Univ.; Ronald R. Rindfuss, Univ. of North Carolina, Chapel Hill.

Societal Impacts of Science and Engineering

Chair-Elect: Rachelle D. Hollander, National Science Foundation, Arlington, VA; Judith P. Swazey, Acadia Institute, Bar Harbor, ME.

Member-at-Large of the Section Committee: Radford Byrty Jr., Boulder, CO; Pilar N. Ossorio, Univ. of Wisconsin, Madison.

Electorate Nominating Committee: Ann Alpers, Univ. of California, San Francisco; Adrienne Lusin Dziak, Case Western Reserve Univ.; Rachel E. Levinson, Office of Science and Technology Policy, Washington, DC; Anna C. Mastroianni, Univ. of Washington, Seattle.

Statistics

Chair-Elect: Nancy Flournoy, American Univ., Washington, DC; Jerome Sacks, National Institute of Statistical Sciences, Research Triangle Park, NC.

Member-at-Large of the Section Committee: Sally C. Morton, RAND, Santa Monica, CA; John A. Rice, Univ. of California, Berkeley.

Electorate Nominating Committee: James E. Gentle, George Mason Univ., Fairfax, VA; Agnes M. Herzberg, Queen's Univ., Ontario; George P. McCabe, Purdue Univ.; Scott L. Zeger, Johns Hopkins Univ.