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edited by DIANA PABST

Project Seeks to Shed Light on Human Rights Abuses in Haiti

As part of an investigation into human rights abuses, a team of experts assembled by AAAS will soon begin digging for physical evidence at two sites in Haiti that appear to hold the remains of human victims.

The exhumations at Fort Dimanche and Raboteau will get underway in late summer. Members of Argentine and Guatemalan forensic anthropology teams trained by AAAS, along with representatives of Physicians for Human Rights, will direct the efforts.

The project will aid an independent commission set up by Haitian President Jean-Bertrand Aristide to investigate human rights abuses committed in the 3 years after he was deposed in 1991. Aristide was restored to power last October with the backing of U.S. military forces.

AAAS also is providing technical assistance in designing a database management system for documenting human rights violations. Consultant Patrick Ball arrived in Haiti this month to lend a hand. "Once the commission opens its doors it will be flooded with Haitians eager to relate abuses committed by the de facto government," said Daniel Salcedo, senior program associate in the AAAS Science and Human Rights Program. The work will include interviews with survivors of violent incidents, witnesses, and relatives of victims.

In a recent poll conducted by former Costa Rican president and Nobel laureate Oscar Arias, 89% of Haitians expressed support for the National Commission on Truth and Justice, and only 2% were opposed.

Mike Levy of the International Liaison Office for the Aristide government in Washington, D.C., said as many as 200,000 Haitians went into internal exile following Aristide's ouster, and tens of thousands left the country. There are questions about what happened to many who disappeared.

"There's common knowledge of bodies being dumped and executions of people imprisoned by the government. But it's a real mystery as to where many of the bodies were taken," Levy said. "Now, the Aristide government is interested in having some accountability. And there's a desire to do it in a scientific and impartial way."

AAAS pioneered the use of forensic sciences for human rights investigations in the early 1980s. The Association also is active in efforts by international human rights groups to adopt consistent record-keeping formats to aid analysis and sharing of data.
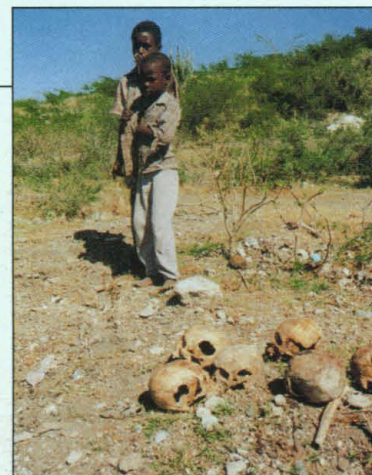
Levy said the AAAS project will help the Truth Commission acquire the sound information it needs to carry out a credible public investigation. The exhumations, he said, "will help bring Haitians into the process." The two sites were identified as apparent mass graves during an exploratory trip to Haiti by Salcedo and Argentine forensic analyst Luis Fonderbrider.

"Shedding light on what happened," Levy said, "will restore dignity to the victims and their families, and help the country move on to reconciliation."

The Truth Commission has 6 to 9 months to complete its work. Although it lacks the power to try people who may be implicated in human rights abuses, Salcedo said the findings could be turned over to judicial authorities.

AAAS assistance was requested by the Truth Commission, Haitian officials, and the Human Rights Platform, an umbrella group of nongovernmental organizations in Haiti. A civilian

Compelling evidence. Human skulls found at Sources Puantes in Haiti have bullet holes.

mission sponsored by the Organization of American States and the United Nations to monitor human rights violations in Haiti also has endorsed the project.

Funding for the AAAS work in Haiti is being provided by the General Service Foundation, the John Merck Fund, and the Joyce Mertz-Gilmore Foundation.

Is It Misconduct?

AAAS and independent film producer Amram Nowak and Associates Inc. have joined forces to help fill a need for effective audiovisual materials to educate scientists and their students about issues of research integrity.

Five "trigger" videos—short dramatizations designed to stimulate group discussions—are being developed. Each presents a somewhat ambiguous situation in scientific research. Observers are left to decide whether misconduct occurred, assess the choices made, and consider what an appropriate response would be.

"There's a lot of concern today about scientific misconduct, but there are many gray areas about which people disagree on the proper course of action," said Mark Frankel, director of the AAAS Scientific Freedom, Responsibility, and Law Program. "Consensus may not always be achieved, but viewers should gain some confidence that they can make an informed decision." He is co-directing the project with Al Teich, head of AAAS Science and Policy Programs.

One script focuses on the issue of privileged information. In the scenario, Bruce, the protagonist, has had a hard week in the lab. He knows the TNF membrane receptor he's studying is activated, but he's stumped about the signal transfer. Then, at a weekend reunion, he stumbles onto a clue. A former classmate now at a foundation recalls similar work he read about in a recent grant application, and he describes the researcher's discovery, which hasn't been published yet. It's just what Bruce needs to get his own work back on track, and he's in the lab early Monday bent on publishing soon.

Is using the information he picked up over the weekend misconduct? What should he do?

Amram Nowak and Manya Starr, an award-winning team in New York who have made 200 major films, are writing the scripts and co-producing the videos, due next spring. Each will have a discussion guide. Production is being done at the Health Sciences Communication Center of the Medical College of Georgia (MCG).

The project is funded by a $186,000 grant from the National Institutes of Health (NIH), with support from the Office of Research Integrity and the Agricultural Research Service. In 1989 NIH began requiring applicants for training grants to demonstrate that they provide instruction in the principles of scientific integrity.

Advisory board member Lowell Greenbaum, former dean of graduate studies and vice president of research at MCG, said many academic institutions are implementing research ethics programs, and there is a critical need for good materials that address complex issues scientists are grappling with today. "Traditionally we've relied on informal training in research ethics, but that's no longer adequate," he said. "We've got to find better ways of communicating with faculty and students about these issues, and trigger plays and case studies are a very effective approach."

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AAAS Annual Election: Preliminary Announcement

The 1995 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 also will 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 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 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: Mildred S. Dresselhaus, Massachusetts Institute of Technology; Warren M. Washington, National Center for Atmospheric Research, Boulder.

Board of Directors: Mary M. Atwater, University of Georgia, Athens; Sheila Jasanoff, Cornell University; Marcia C. Linn, University of California, Berkeley; Shirley M. McBay, Quality Education for Minorities Network, Washington, D.C.

Committee on Nominations: Eugene H. Cota-Robles, Edmunds, Wash.; Catherine Didion, Association for Women in Science, Washington, D.C.; Elma L. Gonzalez, University of California, Los Angeles; Donald N. Langenberg, University of Maryland System Office, Adelphi; John P. McTague, Ford Motor

Co., Dearborn, Mich.; Gilbert S. Omenn, University of Washington, Seattle; Mary Lou Pardue, Massachusetts Institute of Technology; Margaret W. Rossiter, Cornell University.

Section Elections

Agriculture, Food, and Renewable Resources
Chair-Elect: Wilford R. Gardner, Logan, Utah; Gary H. Heichel, University of Illinois, Urbana.

Member-at-Large of the Section Committee: Margaret R. Dentine, University of Wisconsin, Madison; Waldemar Klassen, University of Florida, Homestead.

Electorate Nominating Committee: Eileen J. Kladivko, Purdue University; Pamela G. Marrone, AgraQuest, Inc., Davis, Calif.; Jean L. Steiner, USDA-ARS, Watkinsville, Ga.; Paul J. Wangsness, Pennsylvania State University, University Park.

Anthropology
Chair-Elect: Melvin Ember, Human Relations Area Files, New Haven, Conn.; John H. Moore, University of Florida, Gainesville.

Member-at-Large of the Section Committee: Lynne Goldstein, University of Wisconsin, Milwaukee; Emöke J. E. Szathmáry, McMaster University, Hamilton, Ontario.

Electorate Nominating Committee: John G. H. Cant, University of Puerto Rico, San Juan; Jonathan S. Friedlaender, National Science Foundation; Clark Spencer Larsen, University of North Carolina, Chapel Hill; Mark L. Weiss, Wayne State University, Detroit.

Astronomy
Chair-Elect: Alan P. Marscher, Boston University; Jay M. Pasachoff, Williams College–Hopkins Observatory, Williamstown, Mass.

Member-at-Large of the Section Committee: Peter V. Foukal, Cambridge Research and Instrument, Inc., Cambridge, Mass.; Owen Gingerich, Harvard-Smithsonian Center for Astrophysics, Cambridge, Mass.

Electorate Nominating Committee: Timothy C. Beers, Michigan State University, East Lansing; Pierre Demarque, Yale University; John E. Gaustad, Swarthmore College; Heidi B. Hammel, Massachusetts Institute of Technology.

Atmospheric and Hydrospheric Sciences
Chair-Elect: E. Ann Berman, Tri-Space, Inc., McLean, Va.; James J. O'Brien,

Florida State University, Tallahassee.

Member-at-Large of the Section Committee: Adriana (Jane) Huyer, Oregon State University, Corvallis; Robert E. Wall, University of Maine, Orono.

Electorate Nominating Committee: Susan Henrichs, University of Alaska, Fairbanks; Thomas H. Kinder, Office of Naval Research, Arlington, Va.; D. Randolph Watts, University of Rhode Island, Narragansett; Wei-Chyung Wang, State University of New York, Albany.

Council Delegate: Donald B. Olson, University of Miami; Edward S. Sarachik, University of Washington, Seattle.

Biological Sciences
Chair-Elect: David Epel, Stanford University; Frances C. James, Florida State University, Tallahassee.

Member-at-Large of the Section Committee: Sylvia A. Earle, Deep Ocean Exploration and Research, Oakland, Calif.; John Postlethwaite, University of Oregon, Eugene.

Electorate Nominating Committee: Rachel D. Fink, Mt. Holyoke College, South Hadley, Mass.; Kelly P. Steele, Appalachian State University, Boone, N.C.; Jose V. Torres, University of California, Davis; William Walden, University of Illinois, Chicago.

Chemistry
Chair-Elect: Edward M. Arnett, Duke University; Allen J. Bard, University of Texas, Austin.

Member-at-Large of the Section Committee: Paul Dowd, University of Pittsburgh; Joseph J. Gajewski, Indiana University, Bloomington.

Electorate Nominating Committee: Larry R. Faulkner, University of Illinois, Champaign; Cynthia Anne Maryanoff, R. W. Johnson Pharmaceutical Research Institute, Spring House, Penn.; Richard L. Schowen, University of Kansas, Lawrence; Anthony M. Trozzolo, University of Notre Dame.

Dentistry
Chair-Elect: Barbara D. Boyan, University of Texas Health Science Center, San Antonio; Robert J. Genco, State University of New York, Buffalo.

Member-at-Large of the Section Committee: R. Bruce Donoff, Harvard School of Dental Medicine, Boston; Roy S. Feldman, VA Medical Center, Philadelphia.

Electorate Nominating Committee: Zeev Davidovitch, Harvard School of Dentistry, Boston; Sandy C. Marks Jr., University of Massachusetts Medical

School, Worcester; Peter J. Polverini, University of Michigan, Ann Arbor; Andrew I. Spielman, New York University.

Council Delegate: Michael L. Barnett, Warner-Lambert Company, Morris Plains, N.J.; John Joseph Sauk, University of Maryland Dental School, Baltimore.

Education
Chair-Elect: Audrey B. Champagne, State University of New York, Albany; Bassam Z. Shakhashiri, University of Wisconsin, Madison.

Member-at-Large of the Section Committee: Lynn W. Glass, Iowa State University, Ames; Ethel L. Schultz, Salem, Mass.

Electorate Nominating Committee: Ted Lopushinsky, Michigan State University, East Lansing; Vincent N. Lunetta, Pennsylvania State University, University Park; Shirley M. Malcom, AAAS; Robert F. Watson, National Science Foundation.

Council Delegate: Ronald D. Anderson, University of Colorado, Boulder; Rodger W. Bybee, Biological Sciences Curriculum Study, Colorado Springs.

Engineering
Chair-Elect: J. Ray Bowen, University of Washington, Seattle; Tingye Li, AT&T Bell Laboratories, Holmdel, N.J.

Member-at-Large of the Section Committee: Alice M. Agogino, University of California, Berkeley; Jerrier A. Haddad, Briarcliff Manor, N.Y.

Electorate Nominating Committee: Lionel V. Baldwin, National Technological University, Ft. Collins, Colo.; Delores M. Etter, University of Colorado, Boulder; Robert M. Nerem, Georgia Institute of Technology, Atlanta; Malvin C. Teich, Columbia University.

General Interest in Science and Engineering
Chair-Elect: James M. McCullough, National Science Foundation; David R. Stuart, Sacramento Museum of History, Science, and Technology.

Member-at-Large of the Section Committee: Marta Cehelsky, National Science Foundation; Della M. Roy, Pennsylvania State University, University Park.

Electorate Nominating Committee: Sheila D. David, National Research Council; Sharon M. Friedman, Lehigh University, Bethlehem, Penn.; D. Karl Landstrom, Columbus, Ohio; Charles F. Lytle, North Carolina State University, Raleigh.

Council Delegate: Don M. Jordan, Uni-

versity of South Carolina, Columbia; George W. Tressel, Potomac, Md.

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Chair-Elect: Ronald F. Abler, Association of American Geographers, Washington, D.C.; Thomas J. Wilbanks, Oak Ridge National Laboratory.
Member-at-Large of the Section Committee: Campbell Craddock, University of Wisconsin, Madison; Susan Hanson, Clark University, Worcester, Mass.
Electorate Nominating Committee: David P. Dethier, Williams College, Williamstown, Mass.; Mary L. Droser, University of California, Riverside; Michael S. Kearney, University of Maryland, College Park; David M. Sharpe, Southern Illinois University, Carbondale.

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Member-at-Large of the Section Committee: Alan D. Beyerchen, Ohio State University, Columbus; Camille Limoges, Université du Québec à Montréal.
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Member-at-Large of the Section Committee: H. Kent Bowen, Harvard Business School, Boston; Marvin Garfinkel, General Electric Co., Schenectady, N.Y.
Electorate Nominating Committee: Harmon M. Garfinkel, Bridgewater, N.J.; Thomas C. O'Brien, du Pont Central Research and Development, Wilmington, Del.; Sally A. Rood, National Technology Transfer Center, Alexandria, Va.; Francis D. (Doug) Tuggle, American University, Washington, D.C.

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Member-at-Large of the Section Committee: Bonnie C. Carroll, Information International Associates, Inc., Oak Ridge, Tenn.; Dorothy McGarry, University of California, Los Angeles, Science and Engineering Library.
Electorate Nominating Committee: Thomas J. Allen, Massachusetts Institute of Technology; Julia Gelfand, University of California, Irvine; Alfred W. Hales, IDA Center for Communications Research, San Diego; William A. Wulf, University of Virginia, Charlottesville.
Council Delegate: Toni Carbo Bearman, University of Pittsburgh; Maureen C. Kelly, BIOSIS, Philadelphia.

Linguistics and Language Science
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Member-at-Large of the Section Committee: Naoki Fukui, University of California, Irvine; Sally McConnell-Ginet, Cornell University.
Electorate Nominating Committee: Samuel David Epstein, Harvard University; Richard K. Larson, State University of New York, Stony Brook; David W. Lightfoot, University of Maryland, College Park; Johanna Nichols, University of California, Berkeley.
Council Delegate: David Pesetsky, Massachusetts Institute of Technology; Wendy K. Wilkins, Arizona State University, Tempe.

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Member-at-Large of the Section Committee: Uta Francke, Howard Hughes Medical Institute, Stanford, Calif.; Michael B. A. Oldstone, Scripps Research Institute, La Jolla, Calif.
Electorate Nominating Committee: Thomas J. Braciale, University of Virginia, Charlottesville; Frank W. Fitch, University of Chicago; Thomas D. Pollard, Johns Hopkins Medical School; Sondra Schlesinger, Washington University, St. Louis, Mo.

Neuroscience
Chair-Elect: Paul H. Patterson, California Institute of Technology; Michael P. Stryker, University of California, San Francisco.
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Electorate Nominating Committee: Albert J. Aguayo, Montreal General Hospital; Nigel W. Daw, Yale University; John G. Hildebrand, University of Arizona, Tucson; Leslie G. Ungerleider, National Institute of Mental Health, Bethesda, Md.

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Member-at-Large of the Section Committee: Lance R. Pohl, National Heart, Lung, and Blood Institute, Bethesda, Md.; Cheryl L. Zimmerman, University of Minnesota, Minneapolis.
Electorate Nominating Committee: Dennis W. Adair, Oclassen Pharmaceuticals, Inc., San Rafael, Calif.; John Cashman, Seattle Biomedical Research Institute; Ho-Leung Fung, State University of New York, Buffalo; Rita A. Halpin, Merck and Co., Inc., West Point, Penn.
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Physics
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Electorate Nominating Committee: Martin Blume, Brookhaven National Laboratory, Upton, N.Y.; David J. Gross, Princeton University; Gail G. Hanson, Indiana University, Bloomington; Robert P. Redwine, Massachusetts Institute of Technology.

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Societal Impacts of Science and Engineering
Chair-Elect: Robert M. Cook-Deegan, National Academy of Sciences; Tom Jorling, International Paper, Rye, N.Y.
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Electorate Nominating Committee: Susan E. Cozzens, Rensselaer Polytechnic Institute and National Science Foundation; Joan Hideko Fujimura, Stanford University; Penny J. Gilmer, Florida State University, Tallahassee; Rachelle D. Hollander, National Science Foundation.
Council Delegate: Alexander M. Capron, University of Southern California; Alan McGowan, Media Resource Service, Inc., New York City.

Statistics
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Electorate Nominating Committee: Mary Ellen Bock, Purdue University; Iain M. Johnstone, Stanford University; George P. McCabe, Purdue University; Edward J. Wegman, George Mason University, Fairfax, Va.
Council Delegate: Barbara A. Bailar, National Opinion Research Center, Chicago; R. Clifton Bailey, Health Care Financing Administration, Baltimore, Md.