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*Section Y—General Interest in Science and Engineering*

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## Reports Investigate Torture and Role of Health Professionals

As part of its project on the medical profession and human rights, the AAAS Committee on Scientific Freedom and Responsibility has produced a four-country study which describes the involvement of health professionals in efforts to promote human rights in the Philippines,

Uruguay, Chile, and South Africa. Each of the studies specifically examines the practice of torture in those countries and investigates reports of the participation or complicity of health professionals in the practice of torture. The reports also describe the efforts of health professionals to document cases of torture, treat and rehabilitate its victims, prevent professional complicity, and ultimately end the practice of torture in their countries. The project was funded by the Ford Foundation.

■ *Health Professionals and Human Rights in the Philippines* by Richard Claude, Eric Stover, and June P. Lopez (February 1987). The authors document the Marcos government-sponsored arrests and murders of physicians who attempted to provide adequate health care in strife-ridden areas. They examine the practice of torture in the Philippines under the Marcos regime and the efforts of health professionals to provide rehabilitative services for torture victims. The authors found no evidence of physicians systematically participating in torture, but suggested a review of the role of medical personnel who treat detainees and the status of health care in the prison system. The report also looks at forensic investigations into suspicious deaths, including the assassination of Senator Benigno Aquino and efforts of the Corazon Aquino government to institute a policy of human rights education in the country.

■ *Uruguay's Military Physicians: Cogs in a System of State Terror* by Maxwell Gregg Bloche (March 1987). An examination of the allegations that medical personnel collaborated in the torture and ill-treatment of persons held in Uruguayan secret detention centers and national security prisons. Bloche also reports on the medical community's attempts to investigate violations of medical ethics by health professionals during the years of military rule. The author concludes that Uruguayan physicians, through their routine clinical work and abdication of personal responsibility for the information obtained from their health care practice, played a systematic role in the Uruguayan military's apparatus of physical and psychological torture.

■ *The Open Secret: Torture and the Medical Profession in Chile* by Eric Stover (July 1987). Although Chilean law prohibits the use of torture, there are hundreds of complaints of torture in the Chilean courts. Among these complaints are numerous references to encounters between detainees and persons they believed to be health professionals who in some way assisted in torture. There also are reports of falsifications of medical records or death certificates. This report looks into such complaints and the efforts of the Chilean Medical Association to investigate alleged unethical behavior of physicians.

■ *Turning a Blind Eye? Medi-*

*cal Accountability and the Prevention of Torture in South Africa* by Mary Rayner (August 1987). The author examines the lack of adequate medical care and incidence of torture in detention in South Africa. Investigations conducted by South African medical societies into physician responsibility in the death of black activist Steve Biko revealed the clouding of medical ethics with political concerns. Finally, Rayner reviews the efforts of health professionals to document and publicize instances of torture, to bring such cases before the South African courts, and to provide rehabilitation services for former detainees who have been tortured.

Limited quantities of the reports are available at no charge from the Office on Scientific Freedom and Responsibility at AAAS, or call 202-326-6790.

## SWARM Plans Spring Meeting

The Southwestern and Rocky Mountain (SWARM) Division will hold its 64th annual meeting in Wichita, Kansas, 29 March to 2 April 1988, at Wichita State University. The theme of the meeting will be "Explorations in Science."

Symposia planned for the Wichita meeting include those on pattern recognition and machine intelligence, exploring social reality, problems of explanation and interpretation in the social sciences, the western Cre-

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taceous seaway, Plains animal behavior, exploration along the Santa Fe Trail, and in situ conservation of indigenous cultures and their plant and animal genetic resources.

Two workshops also are planned: "Classroom Cauldron: Creative Rebellion or Academic Relicry," a half-day workshop, and the day-long "Communicating About Science."

Cosponsors for the meeting will be the Great Plains Agricultural Council, Kansas Academy of Science, Kansas Geological Society, Kansas Association of Teachers of Science, Association for Education of Teachers in Science: Southwest Region, Archeological Association of South-Central Kansas, and the Kansas Anthropological Association.

For more information and registration materials, contact M. Michelle Balcomb, SWARM Division, AAAS, Colorado Mountain College Spring Valley Campus, 3000 County Road 114, Glenwood Springs, Colorado 81601.

## U.S.—China Water Management Collaboration

As part of a collaborative program between the AAAS and the China Association for Science and Technology (CAST), now in its 10th year, a five-member delegation visited China 29 August to 18 September 1987 to discuss water management issues in semiarid zones. A CAST affiliate, the Chinese Hydraulic Engineering Society, was responsible for arrangements.

In addition to the schedule arranged through CAST, the delegation was fortunate to attend an international workshop on water resources policy management for the Beijing-Tianjin

region, cosponsored by the Chinese State Science and Technology Commission, the East-West Center in Honolulu, and the World Bank.

The delegation visited four cities—Beijing, Tianjin, Qingdao, and Jinan—where there is a water supply and a water quality crisis that has pressing policy implications for the country's modernization strategies. Beijing and Tianjin, which are considered key to northern China's economic growth and development, have provincial status and are directly under the jurisdiction of the central government; the only other municipality accorded that distinction is Shanghai, a major industrial center and port in eastern China. As one of China's 14 "open" cities and the largest industrial center in Shandong Province, Qingdao has a great deal of autonomy and can sometimes bypass the provincial government by going directly to the State Council. Jinan, sometimes called the city of springs (most of which are now empty because of ground-water pumping), is the capital of Shandong Province. Delegation members visited water management facilities in and around each of these cities.

Members of the delegation were: Kyle E. Schilling, chief, Policy Study Division, Corps of Engineers Institute for Water Resources (chairman); Neil Grigg, professor, Department of Civil Engineering, Water Planning and Management Program, Colorado State University; Helen Ingram, professor, Department of Political Science, University of Arizona; John B. Weeks, project chief, High Plains Regional Aquifer Study, U.S. Geological Survey; and Lisbeth A. Levey, coordinator, AAAS China Exchange Program.

A trip report is available, free of charge, by writing to Lisbeth A. Levey in the Office of Inter-

national Science at the AAAS.

The AAAS hosted a four-member reciprocal delegation of senior scientists from China in November.

Lisbeth A. Levey  
Office of International Science

## 1988 Calendar of Scientific Meetings Available

The 1988 *Calendar of Scientific Meetings and Events*, prepared by the Office of Communications, is available to AAAS members, free, upon request. The *Calendar* includes listings for some 300 scientific meetings.

Contact the Office of Communications at the AAAS address for a copy of the 1988 *Calendar*.

## Dues Increase Announced

The AAAS Board of Directors has approved an increase in Regular member dues and in nonmember subscription rates for 1988. Rising costs associated with publishing and mailing *Science* every week led to the Board action. Effective in May 1988, the Regular member dues rate will be \$70 and the nonmember subscription rate will be \$110. Student, Emeritus, and Spouse memberships will remain the same. Student and Emeritus members receiving *Science* currently pay dues of \$40, while Spouse and Emeritus members who do not receive *Science* pay a \$17 dues rate.

Postal rates for delivery outside the United States will increase at the same time. Surface delivery to all countries will be \$32, while air-surface delivery via Amsterdam will rise to \$85.

Direct air rates remain unchanged.

Member dues and voluntary contributions furnish the critical base upon which AAAS activities stand or fall. Those activities include internationally recognized publications; leadership in science and mathematics education, scientific freedom and human rights, opportunities in science and engineering for minorities, women, and the disabled, public understanding of science, and science policy; fellowship programs with the Congress and the media; and cooperative projects with other scientific, engineering, and educational organizations.

Persons whose membership/subscriptions expire on 13 May 1988 or later will find the new rates on their renewal notices.

## Reminder for Members

If you receive a promotion mailing from the Association in the next few weeks, please accept our apologies.

The Membership Office does its best to screen current members from the mailing lists we use. However, if there is any variation in name or address, duplications will not be caught during the computer merge/purge. If you should receive a mailing piece, please return it with a recent label from *Science*. Also, please include a listing of any names or spelling of your name by which you may be listed elsewhere. Send this information to Gwen Huddle, AAAS Membership Office, Room 812, at the AAAS address. We will place your name on an additional suppression file so that you will not get future direct mail promotions. This information is for internal use only.

Thank you for your understanding and cooperation.

## SWARM Plans Spring Meeting

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