

Americas: Prospects for Developing Countries" (San Jose, Costa Rica, 3-6 May 1983), cosponsored with the Central American Research Institute for Industry, and "Amazonia: Prospects for Development with Preservation" (Belém, Brazil, 13-16 July 1983) at the 35th annual meeting of the Brazilian Society for the Progress of Science.

The Interciencia Bioresources Program this year began its initial planning phase with funds from the Inter-American Development Bank. It seeks to explore how associations for the advancement of science in the Americas may encourage a cooperating network among research institutions in their respective countries on new and underutilized biological resources. Such resources may offer new possibilities for food, energy, and raw materials, as well as a challenge to disciplines as diverse as botany, microbiology, and chemistry.

Chartered in Venezuela in 1975, the IA is sponsored by science organizations in Brazil, Canada, Colombia, Costa Rica, Jamaica, Mexico, Peru, the United States, and Venezuela. The Association's trilingual journal, *Interciencia*, focuses on the role of science and technology in development.

For further information on Interciencia, contact the Office of International Science at the AAAS address.

Polish Scientist Jailed

In a letter to the Polish chairman of the Council of Ministers, Wojciech Jaruzelski, AAAS executive officer William D. Carey expressed the Association's deep concern about the recent sentencing of Ryszard Herczynski to 16 months imprisonment for "anti-state activity."

Herczynski is a noted Polish mathematician whose principal studies have been in the field of fluid dynamics. He was arrested on 8 May at his apartment in Warsaw. At the time of his arrest Herczynski was meeting with a U.S. science attaché and another U.S. diplomat to discuss a joint National Science Foundation/Polish Academy of Sciences research project.

The charge of "anti-state activity" stemmed from Herczynski's giving the American diplomats a letter addressed to his son who is in the United States and some widely available pamphlets advising Polish scientists how to behave under martial law. The two diplomats were expelled from Poland and the Department of State suspended the Polish-U.S. program on scientific cooperation. (See

Science, 28 May 1982, pp. 966-967.)

In his letter Carey noted that AAAS has long been a "strong advocate" of increased international scientific exchange, but that incidents such as the arrest and sentencing of Herczynski give us serious difficulty in advocating renewed scientific exchanges with Poland.

Foreign Graduate Students Offered Grants for March R&D Colloquium

A limited number of grants of up to \$250 will be available to assist self-sponsored foreign graduate students currently studying in the United States to attend the VIIIth AAAS Colloquium on R&D and Public Policy, 24-25 March 1983 in Washington, D.C.

Applicants should submit: (i) curriculum vitae, including telephone number; (ii) budget (roundtrip to Washington and estimated living expenses); and (iii) a short statement (250 to 300 words) describing the focus of current research, career plans, how training is expected to be applied on return to home country, and interest in attending the Colloquium. Material should be sent to Denise Weiner, Office of International Science, at the AAAS address. Deadline for receipt of applications is 1 February 1983.

Chartbook Shows Employment Trends in Science and Engineering

Opportunities in Science and Engineering, a chartbook prepared by the Scientific Manpower Commission, describes where the jobs in science and engineering exist and what changes are likely to occur in the job market.

Some of the findings indicate that:

- While opportunities for employment and advancement in science or engineering are not yet as good for women as for men, opportunities for women appear to be considerably better in science (particularly engineering) than for women in most nonscience/engineering careers.

- The 26 percent decline in the number of 18-year-olds between 1979 and 1992 will result in fewer science and engineering graduates, and shortages of some kinds of scientists and engineers are projected over the next two decades.

However, the total number of college graduates is expected to exceed the number of jobs requiring a college education by about 3.3 million.

- The severe and growing shortage of well-qualified science and mathematics teachers in elementary and secondary schools is seen as a major stumbling block to providing the scientific and technical training which will be job requirements in the future.

The chartbook includes information on the present supply of scientists and engineers, their labor force participation, employment opportunities, and the demand for their services.

Each page of the text is accompanied by a full-page chart outlining some of the statistical information included; an appendix includes all the data tables from which the charts are derived and a bibliography of data sources.

Funding for the chartbook project was provided by a grant from the National Science Foundation.

As long as they last, single copies of this 108-page book are available, for a \$1 postage and handling fee, from the Scientific Manpower Commission, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036. Please include a self-addressed mailing label.

Mass Media Fellowships Offered

The AAAS Mass Media Science and Engineering Fellows Program for 1983 is now seeking applicants.

Fellows work as reporters, researchers, and production assistants for 10 to 12 weeks during the summer at radio stations, television stations, newspapers, and magazines throughout the United States.

AAAS invites applications from students in the natural and social sciences and engineering, preferably at the graduate level. Students majoring in English, journalism, or other nontechnical fields are *not eligible*. The deadline for applications is 1 February 1983. For application information write to AAAS Mass Media Science and Engineering Fellows Program at the AAAS address.

For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, unless otherwise indicated.