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Interciencia Association Focuses on Energy

The Interciencia Association (IA) is providing a link in a "cooperative, interdependent approach to help resolve the hemisphere's energy crisis," according to Alejandro Orfila, Secretary-General of the Organization of American States (OAS).

Orfila was addressing the National Energy Forum on 23 May in Washington, D.C., when he applauded IA's attempts "through symposia and the journal *Interciencia* to bring science and technology more closely to bear on human needs and development."

The Interciencia Association, founded by AAAS and representatives of other scientific organizations in American nations, has held three symposia since its inception in 1974, in keeping with its stated goal of advancing the appropriate use of technology and science for the benefit of peoples in the Americas.

A fourth meeting will be held in July this year on the subject of "Marine Science in the Americas," in San Jose, Costa Rica.

A symposium currently in the planning stage is scheduled for mid-March 1978 in Brazil. The focus will be on non-conventional energy resources and the relationships between energy supplies, development, and appropriate technology. Plans for the conference were first discussed at an Interciencia workshop at the Denver Annual Meeting of AAAS. Attendees there expressed concern over the threat to development plans posed by increased costs of conventional energy sources, the questionable relevance of much conventional technology, and the need for cooperation on energy strategies and research. Spokespersons for the IA have expressed hope that, in addition to providing an exchange of information on the state of the art in nonconventional energy sources, the meeting will provide a useful input at the regional level for the United Nations Conference on Science and Technology, scheduled for 1979. Preliminary program plans for the 1978 Interciencia symposium include such topics as major problems of Latin America which bear on needs for energy; assessment of major energy resource potentials of Latin America with emphasis on which of these can be developed rapidly; energy for rural peoples; impact of energy choices on urbanization and employment; potential of biomass; and mechanisms for transfer of appropriate energy technologies.

A broad range of institutions and individuals are being encouraged to provide input to the symposium plans. AAAS members and members of affiliated societies are urged to contact the executive secretary, Interciencia Association, 1515 Massachusetts Avenue, NW, Washington, D.C. 20036.

JAMES ROWE
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COOS Sets Priorities at June Meeting

Energy and water resources on Indian lands—the attrition rate of women in undergraduate and graduate science curricula—Puerto Rican representation among the science professions—minority representation among AAAS committees—these were areas of high priority identified by members of the AAAS Committee on Opportunities in Science (COOS) at its meeting 3 and 4 June in Washington, D.C.

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The Committee felt that AAAS could take steps in two areas where energy resources and water on Indian lands are concerned: first, inform the scientific and technological community as to the concerns of American Indians in this area, such as exploitation of Indian lands and the legal issues involved. Second, AAAS should work with Indian organizations and communities to facilitate their identification of needs for technology and human resources.

A question in which the Committee expressed interest is the difference between attrition rates of men and women in science curricula at both the undergraduate and graduate levels. Identifying the reasons for the disparity in the dropout rates of men and women may lead to more women completing their science education.

The Committee members reiterated their interest in pursuing funding for projects that would seek to identify minority women professionals, especially below the Ph.D. level. Such a project could help in the establishment of regional meetings and result in local networks for communication among those already established in professions, as well as those still in school. Members of COOS felt a need for a regular newsletter that would report activities of other minority groups, policy developments in Washington, and funding possibilities.

Two Puerto Rican members of the Committee, participating in their first meeting, called for help from AAAS in identifying their human resources on the mainland. They urged the Association to work with Puerto Rican organizations to gather data on both science professionals and graduate students, in order to better assess their needs.

A discussion during the meeting of the controversial fellowship nomination of Arthur Jensen evolved into a discussion of the fellowship nomination procedure and the drafting of a request to the Board of Directors. In it, the Committee decried the nomination as damaging to the credibility of the Association, and recommended revision of the fellows nomi-

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nation process to protect against recurrence of the incident. Vital to such a revision would be adequate representation of minorities, women, and the handicapped in the nomination process.

Report on Federal Impact Workshop Available from SMC

The report of a workshop on the impact of federal programs and policies on manpower planning for scientists and engineers has been published by the Scientific Manpower Commission (SMC), a participating organization of AAAS.

The workshop, conducted by the SMC and the Manpower Analysis and Planning Society of Washington, D.C., on 31 March to 1 April 1977 in Arlington, Virginia, provided an opportunity for exchange of information and insights among people both in and out of the government who implement, regulate, or enforce federal mandates on the labor market for scientists and engineers.

Representatives of federal, state, and local government agencies, educational associations, private employers, professional societies, women and minorities, and public interest groups discussed such issues as data collection efforts in the private and government sectors; the impact of federal funding and policies on the education and employment of scientists and engineers; the difficulty in making projections of supply and demand in science and engineering in terms of fluctuations in the job market; the parallel problem of changing federal policies and public attitudes toward science; and the current and future role of women and minorities in science and engineering in light of affirmative action and of changing societal expectations of their education and career choices.

Conclusions and recommendations ensuing from these discussions and summaries of individual presentations are included in a 56-page report entitled *Manpower Planning for Scientists and Engineers*, available for \$2, prepaid, from the Scientific Manpower Commission at the AAAS address. Also available from the same source for \$1.50 is the background report for the workshop, entitled *Supply and Demand for Scientists and Engineers—A Review of Selected Studies*, by Betty M. Vetter.

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We don't have enough space to list all 149 titles, but you can find the information in the 1976 AAAS audiotapes brochure. If you don't have a brochure, write to AAAS Audiotape Program, 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005.

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POSITIONS WANTED

Biochemist, Ph.D. 1970. Endocrinology. Steroid hormone profiles by RIA. Radioreceptor techniques. Enzyme assays. Experience in supervision of clinical laboratory. Research and development. Box 266, SCIENCE. 7/1, 8, 15

B.Sc., Dip.Ed., M.Sc., Ph.D. Training in teaching, research (steroid hormones, breast cancer, gastric ulcer), plus teaching and some administrative experience. Seeks university or college appointment; available immediately. 5420 Vaulin Street, Brosard, Quebec, Canada J4W 1P8. Telephone: 514-672-9550. X

Microbiologist—Biochemist. Ph.D. Postdoctoral research experience in separation of small molecules-polyamines. Doctoral research experience in biochemical genetics. Glycoprotein enzyme regulation and purification. Some clinical laboratory experience. Teaching in microbiology, genetics, and general biology. Seeks teaching, research, or administrative position. Box 260, SCIENCE. 7/1, 8

An experienced **Neurobiologist—Neurophysiologist**, M.D., principal investigator, and faculty member at medical school, seeks research or academic position. Grants. Publications. Box 261, SCIENCE. 7/1, 8

Pharmacologist, Biochemical. Ph.D. Broad research experience, drug metabolism, 10 years plus. Additional experience, cellular effects of drugs, biogenic amine metabolism, toxicology. Innovative; publications. Industry/government/academia. Box 267, SCIENCE. X

Physiologist/Biochemist. Ph.D. 1972. Seeking toxicology position at government-industry interface. Training in immunology, biochemical genetics, neurochemistry. Strong background in analytical biochemistry including GC-MS. Box 255, SCIENCE. X

Research Assistant/Technician desires challenging position in United States/Canada. Firm background in the molecular biology of embryonic chick muscle development. Excellent publications, references. M.Sc. initiated and executed without supervision (advisor abroad). Box 263, SCIENCE. 7/1, 8