

NATO Proposes Establishment of International Science Institute

NATO has released for consideration and discussion a study calling for the establishment of an International Institute of Science and Technology.

The institute would be located in Western Europe, and would "provide a new stimulus to existing institutions and add to the scope and diversity of Western education at the highest academic level." The study was headed by James R. Killian, Jr., chairman of the Corporation, Massachusetts Institute of Technology.

As proposed in the study, the institute would be devoted exclusively to predoctoral and postdoctoral work "at the pinnacle of the university system," with no undergraduate student body. The study also contained a recommendation that the institute include a center for advanced study as well as interdisciplinary centers for applied mathematics and theoretical physics, technological processes and systems, materials research, earth sciences, and life sciences.

According to the study, the estimated capital needed to establish the institute would be about \$56 million and the annual running costs would be about \$17 million. Funds would be raised by contributions from the participating nations and also by private donations. The institute would grant its own doctoral degrees. When operating at capacity it would train about 1000 students a year.

Worldwide Hydrology Study, on IGY Pattern, Planned by UNESCO

Plans for an International Hydrological Decade, starting in 1965, are being developed by the United Nations Educational, Scientific and Cultural Organization (UNESCO).

The program, which would be patterned after the International Geophysical Year, will be discussed at a general conference at UNESCO's Paris headquarters in February or March. Preliminary plans call for a worldwide effort aimed at promoting and coordinating studies for the use and conservation of water resources. A budget of up to \$60,000 has been decided upon for the planning stages. American representatives have assured UNESCO that this country will provide strong support for the program.

Announcements

An experimental project to promote the use of broadcast television for **communications among scientists and engineers** will be initiated with a weekly TV series, "Science and Engineering Television Journal," to begin at 11:10 P.M. on Thursday, 6 December, over New York ETV channel 13 (WNDT). Administered by the AAAS and produced under the direction of John MacKenzie, former executive secretary of the Council for Medical Television, the 1-hour programs will be devoted to topics of professional interest and presented on a level comparable to that of professional journals and meetings. Techniques for developing two-way question-and-answer facilities between viewers and participants are being studied.

Participating in scheduling programs will be the American Chemical Society, American Institute of Biological Sciences, American Meteorological Society, American Psychological Association, Conference Board of Mathematical Sciences, Engineers' Joint Council, American Society of Mechanical Engineers, American Society of Civil Engineers, American Institute of Electrical Engineers, American Institute of Chemical Engineers, and American Society of Heating, Refrigerating, and Air Conditioning Engineers. Partial support for the project is provided by a \$60,800 grant from the National Science Foundation.

A 4-year **academic exchange program** was initiated this fall between Washington University, St. Louis, Mo., and Waseda University, Tokyo. The program calls for research projects, to be directed by exchange professors, intended to provide a body of comparative data which can be used by both institutions for purposes of instruction at the undergraduate and graduate levels. Also included will be joint expansion of language instruction and exchange of books and research materials. Shigeo Kawamoto, Waseda University specialist in language teaching, will direct the 1962-63 program at Washington University.

The **lipid distribution program** sponsored by the National Institutes of Health has been extended to include additional mixtures of saturated fatty acid methyl esters for research purposes. The new samples include 200

mg of each of two mixtures (E and F), ranging from 8 to 16 and 14 to 24 carbons in chain length, respectively. Packages of four other mixtures (A through D), and of eight unsaturated fatty acid methyl esters, are also available. Requests, to be submitted in duplicate, should include a brief description of the intended research purposes. (William H. Goldwater, Lipid Distribution Program, National Heart Institute, Bethesda 14, Md.)

The **Biophysical Society's placement service**, offered free of charge, will be in operation during the society's annual meeting (New York, 18-20 Feb.). Rooms for interviews will be available. Application forms for pre-registration with the service, as well as lists of positions and candidates, may be obtained upon request. (Biophysical Society Placement Service, Box 668, Frederick, Md.)

Meeting Notes

Papers on research and development topics pertinent to **mass spectrometry** are being solicited for the 11th annual conference on mass spectrometry and allied topics, to be held 14 to 19 May 1963 in San Francisco. Deadline for receipt of abstracts: 1 February.

In addition to contributed papers, the conference will include symposia on theoretical problems related to mass spectrometry, certain phenomena in collision mass spectrometry, applications of high resolution mass spectrometers, and mass spectral studies of high temperature inorganic processes. (N. D. Coggeshall, Gulf Research and Development Co., P.O. Drawer 2038, Pittsburgh 30, Pa.)

A workshop on the **social scientists' responsibility toward survival** will be held on 16 and 17 December in Palm Springs, Calif. Sessions will cover dimensions and directions of peace research, indicants of social change and its relevance for peace, anomie and alienation as barriers to survival, social scientists' role in disarmament, economics of peace, psychology of deterrence, mass media, and discrepancy between verbal and manifest behavior. Registration fee is \$20. Deadline: 7 December. (Gerhart Sommer, Social Scientists for Survival, 415 N. Camden Drive, Beverly Hills, Calif.)