

closed and that the exchange results in a net profit for the United States.

Also, with Iron Curtain conditions prevailing, there seems to be a feeling that to get more information about the West into the Soviet Union and more information about the Soviet Union out to the West is a good thing.

In the first 4 years of the formal agreement some 7000 persons were exchanged. Approximately 37,000 tourists, the great majority of them Americans, can also be counted in. This is far from a torrent except when compared with the trickle in the decade after World War II.

Appearances indicate that the exchanges can be expected to go on much as they have, with changes based, like the whole program, on a closely monitored brand of reciprocity.

—JOHN WALSH

### U.N. Conference: 80 Nations Discuss Applying Science to Development

The United States will send a delegation of about 100 to the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas, which is to take place 4–20 February in Geneva, Switzerland.

Preparations for the conference have been in progress for more than 6 months and some 80 nations, industrialized and less developed, Communist, nonaligned and Western, are scheduled to participate. Since institutions as well as techniques will be germane to the discussions, some ideological friction can be expected, but organizers say that the 1800 papers so far accepted for the conference provide a promising store of suggestions on how to apply recent scientific and technological advances to the needs of developing nations.

The papers are designed to furnish a "critical inventory" of current ideas and experience as a background for discussion in a dozen subject areas of development ranging from agriculture to science policy.

The idea for the conference originated in the U.N. Secretary General's science advisory committee, in which Dr. Isidor I. Rabi, Columbia physics professor, is the American member. Chairman of the American delegation will be Dr. Walsh McDermott, head of the Cornell Medical College's department of public health—J. W.

## Announcements

Roswell Park Memorial Institute, Buffalo, N.Y., last month removed all cigarette vending machines from its premises. At each machine location, these signs were posted: "Roswell Park Memorial Institute is dedicated to the detection, treatment, and prevention of cancer."

"To help protect and remind you of the hazards of cigarette smoking, all cigarette vending machines have been removed from the premises."

"Research at Roswell Park Memorial Institute has proved conclusively that cigarette smoking is a major cause of lung cancer. It also increases diseases of the heart and blood vessels, chronic bronchitis, and gastrointestinal disorders."

The removal was a decision of the Institute's cigarette cancer committee, whose chairman, Morton L. Levin, wrote one of the first reports in the U.S. linking cigarette smoking to cancer.

The Institute has also undertaken a program to discourage the general public from smoking. In addition to a pilot project in Buffalo area schools, the organization has distributed cartoons and matchbook covers warning the smoker of the increased tendencies to develop cancer due to cigarette smoking.

### Meeting Notes

An estimated 90 U.S. and foreign specialists are expected to present papers at the 1963 **International Solid-State Circuits** conference, scheduled for 20–22 February in Philadelphia. Broad advances will be covered in the general areas of digital memories; logic; low frequency, microwave, linear, and integrated circuits; digital design techniques, and optoelectronics. Twelve formal and 11 informal sessions have been scheduled.

The **International Congress of Zoology** will hold its first meeting in the U.S. since 1907, 20–27 August, in Washington, D.C. Theme of the program is the "reunion of the zoological sciences into a coherent, broad discipline, in reversal of trends toward specialization and fragmentation."

Six plenary symposia have been scheduled, covering genetic continuity, cell biology, development, evolution, phylogeny, and behavior. In addition,

many specialized symposia are being arranged. Sponsor of the Congress is the National Academy of Sciences—National Research Council, with the American Institute of Biological Sciences cooperating in arrangements. Deadline for submission of abstracts: *1 March*. (Official forms for abstracts can be obtained from 16th International Congress of Zoology, NAS-NRC, 2101 Constitution Ave., Washington 25, D.C.)

### Grants, Fellowships, and Awards

A limited number of individual travel grants is available for participants in the 2nd **international pharmacological meeting**, to be held from 20 to 24 August in Prague, Czechoslovakia. Applicants, who must be members of one of the Federated Societies for Experimental Biology, should submit a brief curriculum vitae and a title of the communication they propose to give. (C. F. Schmidt, Aviation Medical Acceleration Laboratory, U.S. Naval Air Development Center, Johnsville, Pa.)

Applications are now being accepted by the isotope division of Stanford University's department of radiology for a 1-year fellowship in **clinical applications of radioisotopes**, to be available 1 July. Particular emphasis will be on the use of isotopes in investigations, diagnoses, and treatment of neoplasms. Candidates must have completed at least 2 years of postgraduate residency; preference will be given to applicants interested in either nuclear medicine or clinical branches of oncology. The fellowship carries a \$7200 stipend. (Joseph P. Kriss, Stanford School of Medicine, Palo Alto, Calif.)

Twenty-six teaching assistantships and a limited number of graduate research fellowships in **forestry** are available from the State University of New York College of Forestry at Syracuse University. Yearly stipends vary up to \$2400. Recipients of the assistantships will assist part-time in teaching and research, and may take courses leading to the degrees of master of science, master of landscape architecture, or master of forestry, or doctor of philosophy. Persons receiving fellowships will devote full time, except for course work, to assigned projects. Fellowships are being offered in relation to the college's general research program, and by in-

dustrial, research, and government organizations. Deadline: *1 March 1963*. Associate Dean for Graduate Studies, State University College of Forestry at Syracuse University, Syracuse 10, N.Y.)

The American Library Association is accepting applications for the biennial Oberly Memorial award for the best **bibliography in the field of agriculture or the related sciences**. Points for judgment will include accuracy, scope, usefulness, format, and special features. Seven copies of the bibliography plus an accompanying letter should be submitted. Applicants for the award must be U.S. citizens. Deadline: *15 March*. (Francis P. Allen, University of Rhode Island Library, Kingston, R.I.)

Travel grants are available from the American Institute of Nutrition for U.S. scientists who need financial aid to attend the 6th International Congress of **Nutrition** in Edinburgh, Scotland, 9–15 August. Recipients will be required to pay registration fees and all other expenses. Deadline for receipt of applications: *15 March*. (A. E. Schaefer, Secretary, American Institute of Nutrition, Bldg. 16, NIH, Bethesda 14, Maryland)

The graduate school of arts and sciences, St. Johns University, Jamaica, N.Y., is offering assistantships and teaching fellowships in **chemistry, biology, mathematics, pharmaceutical sciences, and physics**. Stipends for assistantships are \$1800 to \$2000, plus tuition fees and an additional \$600 for summer sessions. Research assistantships carry \$2400 to \$3000 stipends, and tuition fees; teaching fellowship stipends are \$2000 to \$2400, with an additional \$600 for summer sessions. All are renewable, contingent upon scholarship and satisfactory service. (Rev. Joseph E. Hogan, Dean, Graduate School of Arts and Sciences, St. Johns University, Grand Central and Utopia Parkways, Jamaica 32, N.Y.)

Applications are being accepted for the \$500 A. E. Bennett **neuropsychiatric research** award for recently accomplished and unpublished work by a young investigator. Part of the award is to be used for traveling expenses to the annual meeting of the Society of Biological Psychiatry. Deadline for receipt of manuscripts: *31 March*. (Harold E. Himwich, Galesburg State Research Hospital, Galesburg, Ill.)

## Scientists in the News

**Theodore von Karman**, chairman of NATO's aeronautical research and development advisory group, has been named first recipient of the National Medal of Science, "for leadership in science and engineering of aeronautics." Von Karman was formerly director of the California Institute of Technology Guggenheim aeronautical laboratory.

At the University of Michigan:

**Joseph T. Hartsook**, professor in the school of dentistry, has become professor of pedodontia in the pediatrics department. He will hold both positions simultaneously.

**James B. Lackey**, of the University of Florida's department of civil engineering, has been named visiting professor of environmental health.

**F. Albert Cotton**, chemistry professor at M.I.T., has been named recipient of the 1963 Leo Hendrik Baekeland award. The award, sponsored by Union Carbide Plastics Co., and administered by the North Jersey section of the American Chemical Society, carries a \$1000 honorarium and a gold medal. It commemorates the technical and industrial achievements of Leo Hendrik Baekeland, and is conferred biennially upon an American chemist under 40 years of age "in recognition of accomplishments in pure or industrial chemistry."

**Theodore O. Sippel**, a researcher in the University of Michigan Medical School, department of anatomy, has been awarded the Fight for Sight Citation, presented by the National Council to Combat Blindness. The \$500 award was presented for his paper, "Respiration and glutathione in the growing rat lens."

**Bernard D. Davis**, head of the department of bacteriology and immunology at Harvard Medical School, has been named first Adele Lehman professor at Harvard's faculty of medicine.

**James A. Perkins**, vice president of the Carnegie Corporation, New York, and of the Carnegie Foundation for the Advancement of Teaching, last week was elected president of Cornell University. He is to take office 1 July, succeeding **Deane W. Malott**, who will become president emeritus.

**Lathan A. Crandall, Jr.**, former director of research at Miles Laboratories, has been appointed professor of clinical psychiatry at Tulane University. He will work at the Southeast Louisiana Hospital, Mandeville.

**Michael J. S. Dewar**, chemistry professor at the University of Chicago, has been appointed to the Robert A. Welch chair in chemistry at the University of Texas. He will join the university faculty for the September academic term.

**Philip R. White**, of the Roscoe B. Jackson Memorial Laboratory, has been named distinguished visiting professor of botany at Pennsylvania State University, for January to June 1963.

**G. J. Goodrich**, principal scientific officer in the ship division, National Physical Laboratory, Teddington, England, is working at the Webb Institute of Naval Architecture, Long Island, N.Y., until 1 April.

## Recent Deaths

**Clayton W. Botkin**, 83; retired chemistry professor, New Mexico State University and former president, AAAS Rocky Mountain Division; 4 Dec.

**Royal C. Bryant**, 55; director of the electromechanical division, Atlantic Research Corp.; 27 Dec.

**Howard Dellinger**, 76; retired chief, Central Radio Propagation Laboratory of the National Bureau of Standards and pioneer in radio and telecommunications research; 29 Dec.

**Guy S. Ford**, 89; former president, University of Minnesota, and executive secretary, American Historical Association; 29 Dec.

**John A. Kolmer**, emeritus professor of medicine and director, Institute for Preventive Medicine and Public Health, Temple University; 11 Dec.

**Otto Schubart**, 62; biologist, Estação Experimental de Biologia e Piscicultura, Pirassununga, São Paulo, Brazil; 8 Nov.

**Alexander V. Topchiev**, 55; research chemist and vice president of the Academy of Sciences of the U.S.S.R.; 27 Dec.

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