

Announcements

Sweden's state-private nuclear-energy development company, AB Atomenergi, and India's Atomic Energy Department have concluded an agreement on the development of **atomic energy for peaceful use**. The agreement covers increased exchange of information and reports, mutual staff exchanges in certain fields of activity, and irradiation experiments in the Indian-Canadian reactor at Trombay and the R2 reactor at Atomenergi's research station in Studsvik.

The state of New York has established an **advisory council on alcoholism** to assist in the formulation and revision of alcoholism programs and in coordinating the activities of state and voluntary agencies. The council, headed by John L. Norris, medical director at Eastman Kodak Company's Kodak Park Works, will operate within the state department of mental hygiene.

Proceedings of the **Conference on Teaching Physics and Chemistry in a Combined Course** (Beloit, Wis., 27-30 Dec.) will be available in February for free distribution. Discussion topics included suitable subject matter, problems of laboratory work, and advantages and disadvantages of combined courses, with special emphasis on the development of such courses for science majors. (Edward C. Fuller, Department of Chemistry, Beloit College, Beloit, Wis.)

Scientific literature on the characterization, taxonomy, and methods of preservation of **microorganisms**—including viruses and cell lines—is being solicited by the American Type Culture Collection. (Chief of Information, ATCC, 2112 M St., NW, Washington 7, D.C.)

Courses

A seminar in **search strategy** will be held from 30 April to 8 June 1962 at Drexel Institute of Technology. The course, designed for persons experienced in electronics of documentation, will cover documentation systems, methods of indexing and thesaurus construction, and automation devices. (Graduate School, Drexel Institute of Library Science, Philadelphia 4, Pa.)

A 16-session course on **automata theory and neural models**, sponsored by the U.S. Department of Agriculture, will begin on 9 February in Washington, D.C. Tuition is \$36. Registration dates: 27 January-3 February. (Graduate School, USDA, Washington 25, D.C.)

A graduate training and research program in **molecular biology** will be inaugurated next fall at Dartmouth Medical School. Applicants should have undergraduate training in chemistry, biology, or physics, and should have completed courses in organic and physical chemistry, general biology or physics, and calculus. A limited number of stipends—including tuition and dependency allowances—will be offered. (R. C. Fuller, Dartmouth Medical School, Hanover, N.H.)

A school in **theoretical chemistry** will be held from 2 to 4 April in Jerusalem, under the direction of C. A. Coulson (Oxford University) and L. E. Orgel (Cambridge University). Participants should have a knowledge of theoretical chemistry at an intermediate level. (G. Stein, Department of Physical Chemistry, Hebrew University, Jerusalem, Israel)

Grants, Fellowships, and Awards

Holders of the Ph.D. degree are eligible to apply for traineeships in **medical entomology** for service in tropical countries. Yearly stipends range from \$5000 to \$6000, and may be renewed. Deadline: 1 May. (Irving Fox, School of Tropical Medicine, University of Puerto Rico, San Juan 22)

College teachers of **introductory statistics** who wish to attend the 1962 Southern Regional Graduate Summer Session in Statistics (Stillwater, Okla., 11 June-11 August) are eligible to apply for National Science Foundation grants of \$75 per week. Deadline: 20 February. (Carl E. Marshall, Statistical Laboratory, Oklahoma State University, Stillwater)

Applications are being accepted for the \$800 Burlingham scholarship in **mycology** for advanced predoctoral study at the New York Botanical Garden during the summer of 1962. Work under this appointment may begin any time after 1 June, and should con-

tinue for approximately 3 months. Deadline: 15 April. (Clark T. Rogerson, New York Botanical Garden, Bronx Park, New York 58)

Harvard University has established research fellowships in **forest resources**, open to men in public service, academic careers, or private forestry. Yearly stipends, up to \$15,000, will be determined by the professional status and needs of the recipient, and normally are not renewable. (Committee on the Bullard Fund for Forest Research, Littauer Center 123, Harvard University, Cambridge 38, Mass.)

Meeting Notes

A symposium on recent advances in the appraisal of the **nutrient intake and nutritional status of man** will be held from 6 to 7 March in Cambridge, Mass. Sessions will cover appraisal of food intake, knowledge of food composition and availability of food nutrients, clinical appraisal of nutritional status, and biochemical estimation of nutrient intake and nutritional status. (Robert S. Harris, Room 16-337, Massachusetts Institute of Technology, Cambridge 39)

A 3-day seminar for **scientific public information specialists in midwestern institutions** will be held from 21 to 23 March 1962 at Northwestern University. Attendance will be limited to public information, public relations, or news bureau staff members from institutions in North or South Dakota, Nebraska, Kansas, Minnesota, Iowa, Missouri, Wisconsin, Illinois, Michigan, Indiana, or Ohio. Tuition, travel, and subsistence will be supplied by the National Science Foundation. (Shirley M. Linde, Northwestern University, 1834 Sheridan Rd., Evanston, Ill.)

An international symposium on the **role of food in world peace** will be held in Columbus, Ohio, from 30 April to 2 May 1962. The symposium program, centered around panels of experts in international affairs, will include examination of the idea, "helping underdeveloped countries to obtain more adequate food supplies will enhance the prospect for world peace," and discussion of the implications of the Land-Grant plan to underdeveloped nations. (Roy M. Kottman, College of Agriculture and Home Economics, Ohio State University, Columbus 10)

Scientists in the News

Horton H. Hobbs, Jr., will resign his professorship in biology at the University of Virginia on 31 January 1962, to accept an appointment as curator of zoology with the U.S. National Museum in Washington, D.C.

Carl H. Oppenheimer, former research scientist at the University of Texas' marine institute, has been appointed research associate professor of microbiology at the University of Miami's Institute of Marine Science.

Hirsch L. Silverman, professor of psychology at Yeshiva University's Graduate School of Education, will serve as visiting consulting professor during 1962-63 at Lane College (Jackson, Tenn.) and Florida Memorial College (St. Augustine, Fla.).

Guenther von Elbe, former vice president of Combustion & Explosives Research, Inc., in Pittsburgh, Pa., has been appointed a staff scientist at Atlantic Research Corporation's kinetics and combustion division in Alexandria, Va.

Robert B. Lawson, interim dean of the University of Miami School of Medicine, has been named professor and chairman of the department of pediatrics at Northwestern University Medical School.

Albert E. Sobel, head of the department of biochemistry at the Jewish Hospital of Brooklyn, has been named Claude Bernard visiting professor at the University of Montreal.

Norman N. Axelrod, of the National Aeronautics and Space Administration, has been appointed assistant professor of physics at the University of Delaware. Axelrod has been spending a year's leave of absence at the University of London.

William R. Wright, of the University of Kansas, and **Solomon L. Schwebel**, of Lockheed Missiles and Space Division in Palo Alto, Calif., have been appointed associate professors of physics at the University of Cincinnati.

T. Marshall Hahn, dean of arts and sciences at Kansas State University, has been appointed president of Virginia Polytechnic Institute. He succeeds **Walter S. Newman**, who is retiring in June.

William W. Bauer has retired as director of the American Medical Association's department of health education. He is succeeded by **Fred V. Hein**, who has been consultant and assistant director of the department since 1946. Bauer will continue to serve as consultant to the AMA's division of environmental health.

George M. Bryan, former manager of Cal-Mont Industries' electro-chemistry section, has joined Acoustica Associates, Inc., in Los Angeles, as a senior scientist in the research department.

William G. Royce, of Cohu Electronics' Kin Tel Division, has been appointed director of engineering at Cimron Corporation in San Diego, Calif.

George F. Stevenson, assistant professor of pathology at Northwestern University Medical School, has been named clinical scientist of the year by the Association of Clinical Scientists.

John N. Goulias, a former technologist with Shell Oil Company's Wood River Refinery, has joined the research staff of the Massachusetts Institute of Technology's operations evaluation group in Washington, D.C.

Charles M. Brinckerhoff, president of the Anaconda Company, has received Columbia University's 1961 Egleston Medal for "distinguished engineering achievement."

Louis P. Hellman, a former deputy director in the Navy Department's Bureau of Medicine and Surgery, has been appointed research program specialist in the research grants branch of the National Institutes of Health's division of general medical sciences.

J. Walter Hendrix, professor of plant pathology at Washington State University, is spending his sabbatical leave conducting research at the U.S. Army Chemical Corps Biological Laboratories in Fort Detrick, Maryland.

Ira H. Abbott, director of advanced research and technology for the National Aeronautics and Space Administration, has retired after more than 32 years of government service. **Thomas F. Dixon**, deputy associate administrator, will serve as acting director until a successor is named.

Thomas B. Warren, senior scientist at International Telephone and Telegraph Laboratories, has been appointed research director of Micro State Electronics Corporation's microwave components division.

William E. Edmonston, Jr., instructor in medical psychology at Washington University School of Medicine (Missouri), has received the first Bernard E. Gorton award for his paper on hypnotic age-regression.

Francis E. O'Meara, former project scientist for Booz-Allen Applied Research, has been appointed chief of the offense team in the U.S. Air Force Office of Operations Analysis.

James A. Miller, chairman of the department of anatomy at Tulane University, will spend 6 months during 1962 under a Fulbright award at the University of Turku in Finland.

Hans Muxfeldt, of the Technische Hochschule in Braunschweig, Germany, has become an associate professor in the chemistry department at the University of Wisconsin.

Don Fowler, former chief of industrial hygiene for the Chrysler Corporation, has been appointed health and safety director for the Lead Industries Association in New York. He succeeds the late **Manfred Bowditch**.

John C. Eberhart, former executive associate of the Commonwealth Fund in New York, has joined the staff of the National Institute of Mental Health as associate director for intramural research.

Raymond C. Machler, director of research and development for Leeds & Northrup Company in Philadelphia, has retired after 28 years with the company. He will engage in consulting work, with Leeds & Northrup as one of his clients.

Gustav Eckstein, emeritus professor of physiology at the University of Cincinnati college of medicine, has accepted a position as part-time member of the college's department of psychiatry.

Erratum. In the article "Olfactory stimuli in mammalian reproduction," by A. S. Parkes and H. M. Bruce [*Science* 134, 1049 (1961)], the acknowledgement (p. 1054, reference 31) should have read: "It is a pleasure to express our thanks to Dr. Dorothy Price for calling our attention to the work of Jan Martan on the supracaudal glands of the guinea pig. . . ."