

ment. The program includes technical panels on strategy in arms control, policies and negotiations, inspection and certification, sanctions and international organization, and industry research. (International Arms Control Symposium, P.O. Box 1106, Ann Arbor, Mich.)

Investigators with new data on **developing brain** or on binding sites of **brain biogenic amines** are invited to submit brief discussions for inclusion in an international symposium, to be held from 1 to 3 March in Galesburg, Ill. Deadline: *15 January*. (Harold E. Himwich, Research Div., Galesburg State Research Hospital, Galesburg, Ill.)

Scientists from seven major NASA field centers are meeting in Chicago this week to discuss the **national space program** with representatives of over 300 U.S. educational institutions. Specific purposes of the 3-day conference are to inform university administrators of the scope and magnitude of the space program, provide faculty members with an authoritative up-to-date review of space science and technology, emphasize and outline the need for better-trained students and higher caliber research, and motivate universities to take more interest in the upgrading of faculties, curricula, and facilities to meet national goals in space exploration. Proceedings of the conference are to be published as a current reference on the space program.

Scientists in the News

Recent awards of the Optical Society of America:

Max Herzberger, of the Eastman Kodak Company's Research Laboratories, the 1962 Frederic Ives Medal for "contributions to optics and image formation."

Alfred Kastler, professor of physics at the University of Paris, the first C. E. K. Mees medal for "contributions to the science of optics."

Arthur L. Samuel, director of research communications at International Business Machines Corporation, has been named editor of the quarterly *IBM Journal of Research and Development*. He succeeds **Bruce MacKenzie**, who recently joined the Peace Corps.

Francis H. C. Crick, of the Institute for Molecular Biology, Cambridge, England, and co-recipient of the 1962 Nobel prize in medicine and physiology, has won the \$25,000 Gairdner Foundation award of merit for his work on the genetic code. Crick is the first to receive the award since 1959.

Additional Gairdner Foundation awards of \$5000 each will go to:

Albert H. Coons, of Harvard Medical School, for his development of a method for tagging proteins with fluorescent dyes.

Clarence Crafoord, of the Karolinska Institutet, Stockholm, for his contributions to development of the heart-lung machine.

Henry G. Kunkel, of the Rockefeller Institute, for his work on the formation and behavior of protein molecules.

Stanley J. Sarnoff, of the National Institutes of Health, for his work in cardiac physiology.

Georg F. Springer, associate professor of immunology at the University of Pennsylvania, has been appointed professor of microbiology at Northwestern University and director of the new department of immunochemistry research at Evanston (Ill.) Hospital Association.

Recent staff appointments at the University of Maryland:

Robert Karplus, professor of physics at the University of California (Berkeley), as visiting professor for the 1962-63 academic year.

Gus T. Zorn, of Brookhaven National Laboratory, as associate professor in high energy physics.

Charles W. Misner, of Princeton University, as associate professor of physics, effective in the spring semester.

Recent awards of the Botanical Society of America:

Paul B. Sears, Babcock professor of botany at Wake Forest College, the Brooklyn Botanic Garden award for "contributions in the interpretation of botany to the general public."

Roderic B. Park and **Ming G. Pon**, of the University of California (Berkeley), the New York Botanical Garden award for "contributions to the fundamental aspects of botany."

Mary B. Allen, of the Kaiser Foundation Research Institute, Richmond, Calif., the annual Darbaker prize for "contributions to phycology."

Wilhelm Moll, assistant medical librarian and adjunct assistant professor of community medicine at the University of Kentucky Medical Center, has joined the faculty of the University of Virginia School of Medicine as associate professor of preventive medicine and librarian of the medical library.

Paul W. Vittum, head of the color photography division at Eastman Kodak Research Laboratories, Rochester, N.Y., has received the Herbert T. Kalmus award of the Society of Motion Picture and Television Engineers for his work in the chemistry of color photography.

Recent Deaths

Carleton P. Barnes, 59; staff assistant to the administrator of the U.S. Agricultural Research Service, and former chairman of the National Academy of Sciences' committee on a national atlas; 18 Sept.

Bruce R. Billmeyer, 54; chemist and assistant director of research for Armstrong Cork Co., Lancaster, Pa.; 7 Oct.

Carl H. Brown, 54; retired senior pharmacist at the National Institutes of Health; 1 Oct.

John F. X. Cline, 33; chief of the allergy and immunization clinic at Andrews Air Force Base Hospital, Camp Springs, Md.; 3 Oct.

George D. Ruehle, 64; vice director in charge of the University of Florida's Sub-Tropical Experiment Station, Homestead; 22 Aug.

Lloyd W. Stephenson, 86; retired chief of the U.S. Geological Survey's Coastal Plain Section; 13 Oct.

Guy P. Thompson, 67; retired associate professor of anatomy at the University of Maryland School of Dentistry; 20 Sept.

William R. Tomlinson, Jr., 50; chemist and professional staff member of the Research Analysis Corporation, Bethesda, Md.; 21 Sept.

Erratum. An error and a misrepresentation occur in the report "Bovine thyroid iodine-131 concentrations subsequent to Soviet nuclear weapon tests," by C. Blincoe and V. R. Bohman [*Science* 137, 690 (1962)]. The maximum and average radiation dose to the thyroid gland should have been reported as 2.2 and 1.1 rads, respectively, per gram of fresh thyroid tissue, rather than 1.1 and 0.55 rad per gram. The maximum and mean total thyroid doses would then be 74 and 38 *gram* rad for a thyroid of mean weight 34 g, rather than 37 and 19 rads, as stated in the original paper.

Erratum. The correct address for the publisher of the new journal, *Ethnology* [*Science* 138, 3536 (1962)], is University of Pittsburgh Press, 3309 Cathedral of Learning, Pittsburgh 13, Pa.