

medicine, agriculture, and other fields; (vi) prepare training materials for ICA programs; and (vii) brief U.S. representatives or delegations planning to attend international meetings or conferences.

The new group will also take the initiative in suggesting programs or preparing materials it thinks may be of value in ICA's efforts to render technical and economic assistance to other governments. The ICA has bilateral agreements to provide information and consulting service to 56 nations.

## IGY Annals

Pergamon Press has announced publication of the *Annals of the International Geophysical Year*, which will be the official journal of the IGY central committee (CSAGI). The *Annals* will describe the inception, the planning, the preparations, and the program of the IGY, and in due course the progress and some of the main results.

Harold Spencer Jones will serve as general editor with the aid of an editorial advisory board that consists of A. H. Shapley (world days), J. Van Mieghem (meteorology), V. Laursen (geomagnetism), S. Chapman (aurora and airglow), W. J. G. Beynon (ionosphere), Y. Ohman (solar activity), J. A. Simpson (cosmic rays), A. Danjon (longitude and latitude), James Wordie (glaciology), G. Laclavère (oceanography), L. V. Berkner (rockets and satellites), V. V. Belousov (seismology), P. Lejay (gravity measurement), and M. Nicolet (nuclear radiation).

It is anticipated that from four to six volumes of the *Annals* will be published during 1957 and 1958. Subscription rates are £6 or \$17 per volume. Orders should be placed with Pergamon Press at either 122 E. 55 St., New York 22, N.Y., or 4 and 5, Fitzroy Square, London, W.1, England.

## Washington University

Washington University (St. Louis) has announced a gift of \$200,000 from the Anheuser-Busch Charitable Trust for construction of a new laboratory for research in cellular and molecular biology. An additional grant of \$150,000 from the National Institutes of Health makes possible completion of the building, which will be named the Adolphus Busch III Laboratory of Biology. Busch, who died of cancer in 1946, was president of Anheuser-Busch, Inc., from 1934 until his death. The new building is expected to be ready for occupancy late next spring.

Simultaneously, the university announced a new program of teaching and

research in biology that will emphasize close collaboration among biologists, chemists, and physicists. Two new members will be added to the faculty of the department of zoology and the School of Botany, for the new program is to be established as a joint activity in those departments with the cooperation of the departments of chemistry and physics.

The program will encompass education and research in the general area involving life-processes of cells and the chemical and physical reactions which govern them. The area includes biological, chemical, and physical analyses of cellular processes such as inheritance, growth, differentiation, cell division, and metabolism as related to higher animals and plants, microorganisms, and viruses. Plans for the new program were made by a faculty committee headed by Barry Commoner, professor of plant physiology.

## Lipotropic Research

The Lipotropic Research Foundation of New York will receive applications for grants-in-aid for 1958 until 15 Aug., with special attention being given to clinical studies. A request for application forms, which should include a short statement describing professional affiliations and experience, may be addressed to the administrative secretary, Dr. L. Lipton, 26 Vark St., Yonkers 1, N.Y.

## Proposed Legislation

Of the many bills introduced in Congress, some have a special relevance to science and education. A list of such bills introduced recently follows:

HR 7465. Make the evaluation of recreational benefits, and fish and wildlife conservation, resulting from any flood control, navigation, or reclamation project an integral part of project planning. Smith (D Miss.) House Interior and Insular Affairs.

HR 7472. Amend Atomic Energy Act of 1954 to provide for establishment of an accelerated civilian atomic power program. Van Zandt (R Pa.) Joint Committee on Atomic Energy.

HR 7621. Authorize Federal assistance to the states and local communities in financing a program of atomic and disaster shelters in the Nation's schools. Edmondson (D Okla.) House Armed Services.

HR 7741. Extend for 3 years the Hospital Survey and Construction Act. Knutson (D Minn.) House Interstate and Foreign Commerce.

HR 7641. Amend section 27 of Mineral Leasing Act of 25 Feb. 1920, as

amended, in order to promote the development of coal on the public domain. Thomson (R Wyo.) House Interior and Insular Affairs.

HR 7674. Amend Tariff Act of 1930 by placing beta-ray spectrometers on the free list. Gubser (R Calif.) House Ways and Means.

## Scientists in the News

Eight scientists and administrative officials of the U.S. Department of Agriculture recently received Distinguished Service awards from the Secretary of Agriculture. Those honored were

ROBERT P. BEACH, assistant deputy administrator for operations of the Commodity Stabilization Service, who has made important contributions to the management phases of agricultural action programs;

JOSEPH A. BECKER, director of statistics for Foreign Agricultural Service, who has improved the statistical method employed in crop reporting;

CALLIE MAE COONS, director of human nutrition research, who is noted for her leadership in national research programs that further nutritional health;

ERIC ENGLUND, U.S. agricultural attaché in London, England, who has helped to establish international wheat and sugar agreements and to create abroad a better understanding of American agriculture;

STANLEY B. FRACKER, assistant to the administrator of Agricultural Research Service, who has been with the department for 30 years, and who is well known for his work in international agricultural scientific affairs;

RICHARD W. JACKSON, head of the fermentation section, Northern Utilization Research and Development Division, who directs a staff that has found new and economical methods for producing riboflavin, vitamin B<sub>12</sub>, and other highly useful fermentation products;

ROY W. LENNARTSON, deputy administrator of the Agricultural Marketing Service, who has helped to reduce Government farm surpluses by moving them into consumption through expanded distribution at home and abroad;

RICHARD E. McARDLE, chief of the Forest Service, who has extended protection against forest fires to 20 million additional acres since he became head of the agency 5 years ago, and who has laid the groundwork for increased tree-planting under the soil bank program.

EUGENE F. MURPHY, chief of prosthetic research and development for the Veterans Administration, will leave for Denmark in July under a Fulbright award. Murphy, who is stationed in New

York, will spend 6 months as lecturer and consultant at Denmark's Society and Home for Cripples at Copenhagen. The society operates orthopedic hospitals and research and clinical facilities throughout Denmark. It also supports an international information center in prosthetics.

The Institute for Advanced Study has announced the appointment of three new professors in its School of Mathematics: ARMAND BOREL, professor of mathematics at the Federal Institute of Technology of Zürich; BENGT STRÖMGREN, director of the Yerkes, McDonald, and Royal Copenhagen Observatories and Sewell Avery distinguished service professor at the University of Chicago; and ANDRÉ WEIL, professor of mathematics at the University of Chicago.

HENRI POLAK, until recently scientific attaché for the Netherlands Embassy in Washington, D.C., and Ottawa, Canada, has been appointed European representative for Atomics International, a division of North American Aviation, Inc. He will be stationed in the North American Aviation offices that have been established in Geneva, Switzerland.

RALPH E. SNYDER has been named chief executive officer of New York Medical College, Flower-Fifth Avenue Hospital. He succeeds the president, J. A. W. HETRICK, who will retire. Hetrick, who served the institution for more than 40 years, has been president since 1942 and will continue as consultant to the board of trustees. Snyder was appointed dean in 1953 and will continue in this position.

EVERETT C. OLSON, a paleontologist, has been named chairman of the department of geology at the University of Chicago. Olson, who retains his position as associate dean of the Division of Physical Sciences, succeeds WALTER H. NEWHOUSE, chairman of the department since 1946. Newhouse resigned his administrative duties to devote full time to ore deposit research.

ROBERT L. THORNDIKE has been named head of the department of psychological foundations and services at Teachers College, Columbia University, effective in September. The department prepares students for private practice and for a wide range of psychological services in schools, colleges, and guidance centers. Thorndike joined Teachers College in 1936.

FRANCES DENSMORE, specialist in American Indian music, last month celebrated her 90th birthday at her

home in Red Wing, Minn. She also observed the 50th year of her association with the Bureau of American Ethnology of the Smithsonian Institution.

In the summer of 1907 Dr. Densmore became affiliated with the Bureau as a research associate for the study of American Indian music. In the ensuing years she recorded on phonograph records some 2400 songs and prepared descriptive notes about each song. The records are now on deposit at the Library of Congress and are designated the Smithsonian-Densmore Collection of Indian song recordings. She also wrote monographs about the music and the Indian groups whose songs she recorded; these have been issued in some 20 publications of the Bureau of American Ethnology.

Dr. Densmore is the author of numerous popular articles and shorter reports which appeared in professional journals and magazines for the general reader. While recording the songs, she collected hundreds of specimens of musical instruments. Her largest collection is in the Smithsonian's National Museum.

Dr. Densmore's bulletin on Seminole music, issued by the Bureau of American Ethnology last year, proved so popular that a second printing was necessary. She has just finished correcting the page proof on a bulletin pertaining to the music of the Acoma, Isleta, Cochiti, and Zuni pueblos in the Southwest.

*Editor's note: Dr. Densmore died on 5 June just after this note had gone to press.*

R. PLATO SCHWARTZ, who has been on the University of Rochester Medical School faculty since 1926, will become emeritus professor of orthopedic surgery on 1 July. He will continue to direct a broad program of research in normal and abnormal walking and neuromuscular functions at the medical school's Gait Laboratory.

PHILLIP V. STONE, for 10 years an entomologist at the Wisconsin Alumni Research Foundation laboratories, has been named director of the insecticide division. He succeeds GEORGE S. KIDO, who is leaving on 1 July to accept a position as director of product development with the West Coast division of O. M. Scott and Sons, Company.

ROGER D. REID has been named director of the Biological Sciences Division of the Office of Naval Research. He will continue as head of the division's Microbiology Branch, a position he has held since 1948. Reid succeeds ORR E. REYNOLDS, who has become director of the Office of Sciences in the Office of the Secretary of Defense.

H. CORWIN HINSHAW of Stanford Medical School, a specialist in chest diseases, flew to Moscow this month to speak before the U.S.S.R.'s sixth All-Union Congress on Tuberculosis on the "Present day treatment of tuberculosis in the United States." He was the only American attending the meeting.

CHARLES C. WINDING has been named director of the School of Chemical and Metallurgical Engineering at Cornell University. He has been assistant director since 1947. Winding will succeed FRED H. RHODES, who will retire on 1 July as director and as Herbert Fisk Johnson professor of industrial engineering.

THOMAS G. PHILLIPS has been appointed emeritus professor, effective 1 July. He has been professor of agricultural and biological chemistry at the University of New Hampshire for 32 years, following 13 years in the department of agricultural chemistry at Ohio State University.

## Recent Deaths

WILLIAMS B. CADWALADER, Philadelphia, Pa.; 80; retired chief in neurology of the University of Pennsylvania Hospital, former president of the American Neurological Association, and for 31 years president of the Philadelphia Zoological Society; 1 June.

FRANK L. HITCHCOCK, Los Angeles, Calif.; 82; emeritus professor of mathematics at Massachusetts Institute of Technology; 29 May.

HARRY A. KNOX, Miami, Fla.; 82; retired head automotive engineer of the Army Ordnance Department, designer of automobiles, tanks, and other vehicles and inventor of equipment for them; 2 June.

BERTHA L. ROSENTHAL, Orange, N.J.; 65; one of the first women to receive a degree in and to practice pharmacy; 1 June.

JOHN W. STINSON, Pittsburgh, Pa.; former chief of the surgical staff of Pittsburgh Hospital and regional governor of the American College of Surgeons; 28 May.

ISAAC G. SWOPE, Newton, Mass.; 54; research electrical engineer with the Lincoln Laboratory of Massachusetts Institute of Technology; 3 June.

JOSEPHINE E. TILDEN, Lake Wales, Fla.; 88; emeritus professor of botany at the University of Minnesota; 15 May.

CARL vom BAUR, New York, N. Y.; 79; assistant engineer in the electrical section of the New York Board of Water Supply, inventor, and former engineering company executive; 28 May.