

**MACK DRAKE**, research professor of chemistry at the University of Massachusetts, received a bronze medal and a \$500 award during the recent annual meeting of the New York Farmers, an association of industrialists and professional men who own farms and are actively interested in conservation and agricultural research. He was honored for his findings that help explain the differences in the ability of plant species to absorb fertilizer elements from the soil.

**MORRIS T. JONES**, biological science representative of the Office of Naval Research in Chicago, Ill., has joined the staff of the National Institutes of Health as assistant to the chief of extramural programs, National Institute of Allergy and Infectious Diseases.

**JOHN W. A. BRANT**, formerly a member of the staffs of the universities of Connecticut and Illinois, and now a professor on the faculty of agricultural and veterinary sciences at the University of Guayaquil, has been elected by unanimous vote of the council of the university as *profesor honorario* in consideration of his assistance to the university in promoting application of the biosciences to agriculture.

**CHARLES K. LEITH**, a member of the Combined Development Agency, received a citation from the U.S. Atomic Energy Commission for outstanding services when he retired on 17 Apr. The Combined Development Agency is a joint United Kingdom-United States-Canadian organization established in Washington in 1944 to develop the production and to undertake the procurement of uranium and thorium supplies in certain areas. The agency has production contracts with the Belgian Congo, the Union of South Africa, Australia, and Portugal.

Leith has been one of the three U.S. representatives on the agency since its establishment. A geologist, he has been a faculty member of the University of Wisconsin since 1902, and at present is professor emeritus in the university's department of geology.

### Recent Deaths

**VERNON B. BAGNALL**, Glen Ridge, N.J.; 50; communications authority who organized the plans for the distant early warning line that is being built at the Arctic Circle; 10 Apr.

**DONALD CARLISLE**, Poughkeepsie, N.Y.; 61; advertising executive; nature writer; vice president of the New York Zoological Society; 5 Apr.

**FRANK J. GLUECK**, Philadelphia,

Pa.; 68; mechanical engineer associated with the R. M. Luff Company; 9 Apr.

**WILLIAM C. HAINES**, St. Louis, Mo.; 69; retired assistant meteorologist at the St. Louis Weather Bureau who had accompanied Richard Byrd on three polar expeditions; 7 Apr.

**HERBERT B. HARROP**, Middlebush, N.J.; 80; retired chemical engineer; 8 Apr.

**STERLING HAYWARD**, Yonkers, N.Y.; 83; retired mechanical engineer; 6 Apr.

**JAMES L. HOWE**, Lexington, Va.; 96; professor emeritus of chemistry and university historian at Washington and Lee University; secretary of AAAS Section C in 1892 and vice president of the section, 1900; 20 Dec.

**SIGMUND KOPALD**, Los Angeles, Calif.; 81; retired professor of pharmacy at Fordham College of Pharmacy; 5 Apr.

**GEORGE M. LANDAU**, Chicago, Ill.; 64; assistant professor of radiology at Northwestern University; 10 Apr.

**FREDERICK H. LEONHARDT**, Douglaston, N.Y.; 83; industrial chemist; 10 Apr.

**CHARLES C. LIEB**, New York, N.Y.; 76; Hosack professor emeritus of pharmacology at Columbia University; 6 Apr.

**ALFRED LEIMDORFER**, Chicago, Ill.; 67; professor of pharmacology at Stritch School of Medicine, Loyola University; 9 Apr.

**ROY F. MILDRUM**, Hillside, N.J.; 61; senior project engineer for the Esso Engineering Division of the Esso Research and Engineering Company; 7 Apr.

**PERCY P. PRATT**, White Plains, N.Y.; 59; special projects engineer for the General Foods Corporation; 4 Apr.

### Education

■ The U.S. Atomic Energy Commission has announced that on 16 Apr. 62 students, 47 from 23 foreign nations and 15 from the United States, began the third session of the School of Nuclear Science and Engineering, which is operated for the AEC by the Argonne National Laboratory. Arrangements were made with Pennsylvania State University and North Carolina State College, which have research reactors, for the students to take the first part of the 10-month course on the campuses of these two institutions. The previous session of the school will end in June. When the third group finishes its basic training, it will transfer to the Argonne National Laboratory for advanced study.

Most of the U.S. enrollees are sponsored by American industry. Financial support for many of the foreign students in the program is provided through the International Cooperation Administration and the State Department. Among

the foreign students, the following nations are represented for the first time: Ceylon, Denmark, Finland, Korea, Venezuela, and Yugoslavia.

■ The University of Buffalo has announced the establishment of a department of anthropology and linguistics, effective 1 July. Henry L. Smith, Jr., will be chairman of the department, and professor of linguistics and English; George L. Trager has been appointed professor of anthropology and linguistics, and will also serve as chairman of the department of modern languages and literatures; and Raymond L. Birdwhistell will be associate professor of anthropology.

■ A new joint professorship of religion and health has been established in the School of Medicine and the Federated Theological Faculty of the University of Chicago. The Rev. Granger Westberg has been appointed to the post, effective 1 June.

■ Pratt Institute, Brooklyn, N.Y., will initiate a graduate program in engineering in September. Courses will be given in the evening, but they will be administered by the engineering faculty of the undergraduate day school.

### Grants, Fellowships, and Awards

■ The Paul Schwarzkopf Foundation for the training of Austrian powder metallurgists in Austria and the United States has been established. The foundation was set up by the Metallwerk Plansee, Reutte, Austria, with a grant of 500,000 Austrian shillings (about \$19,500) in honor of Schwarzkopf's 70th birthday on 13 Apr. Schwarzkopf, who owns the Metallwerk Plansee, is president of the Schwarzkopf Development Corporation, Yonkers, N.Y., and chairman of Mallory-Schwarzkopf-Metals, Inc., Huntsville, Ala.

■ The U.S. Atomic Energy Commission has announced the award of 51 unclassified life science research contracts in medicine, biology, and biophysics. Sixteen of the awards, each of which covers a period of 1 year, are new projects; nine are in the field of medicine, five in biology, and two in biophysics. Thirty-five contract renewals for 1 year were awarded to allow for continuation of research already in progress. Sixteen of these are in the medical sciences, 16 in biology, and three in biophysics.

■ Fifteen students, 14 men and one woman, who are working for their doctor's degrees will receive the first group of Bell Telephone Laboratories graduate fellowships. These new awards were established