

BENJAMIN B. WELLS, director of the department of medicine at Creighton University (Omaha) has been appointed to the newly established position of director of clinical investigation at the Lynn Clinic, Detroit, Mich. He will assume his post on about 1 Sept.

PETER L. KAPITSA, Soviet nuclear physicist, has been restored to his post as director of the Institute for Physical Problems, Moscow, after 7 years of house arrest suffered because he refused to devote himself to nuclear weapons research. Western physicists who visited the U.S.S.R. this summer to attend conferences say that Kapitsa and a number of other scientists who had been arrested, including some who had been exiled to Siberia, have been returned to their laboratories and are being permitted to mingle freely with visiting foreign scientists.

Richard M. Bozarth of Bell Telephone Laboratories, a participant in the recent conference on magnetism of the Soviet Academy of Sciences, said in a statement to the press:

"At present, there seem to be no barriers to personal and scientific contacts. [Soviet] . . . scientists want to be friends. They want to get together with us. They would like to visit the United States."

Bozarth commented further that he was shown every piece of apparatus that he desired to see and that every scientific subject that he raised was discussed with apparent freedom.

Recent Deaths

REUEL A. BENSON, New York, N.Y.; 78; professor of graduate pediatrics and retired professor of pediatrics at New York Medical College; founder of the Frederick S. Wheeler Laboratory; member of the editorial board of *Archives of Pediatrics*; 6 Aug.

GLENN BRIGGS, Washington, D.C.; 65; research agriculturist in charge of technical assistance training programs, Department of Agriculture; former professor at Oklahoma Agricultural and Mechanical College; 4 Aug.

SAMUEL BRODY, Columbia, Mo.; 66; professor of dairy science at the University of Missouri; 6 Aug.

GUSTAVO CUMIN, Catania, Italy; 60; volcanologist who was an authority on Mount Etna; 7 Aug.

GEORGE H. HOGEBOOM, Bethesda, Md.; 43; pioneer investigator of the biochemistry of subcellular particulates; head, cellular biology section, National Cancer Institute, National Institutes of Health; 5 July.

WILLARD N. HOLMES, Ocala, Fla.; 93; expert in oil chemistry; Patent Office official from 1908 to 1934, who was re-

called to government service in the office of the Alien Property Custodian at the age of 80; 2 Aug.

HAROLD G. LITTLER, Montreal, Canada; 55; former manager of the plastics division of Canadian Industries, Ltd.; 2 Aug.

WILLIAM J. MALLORY, Lovettsville, Va.; 81; professor emeritus of medicine at George Washington University; 1 Aug.

WILLIAM MEADOWCROFT, New York, N.Y.; 80; retired civil engineer; 6 Aug.

Rev. JOSEPH J. MOLLOY, Philadelphia, Pa.; 52; head of the chemistry department at St. Joseph's College; 2 Aug.

CHARLES F. MORSE, Patchogue, N.Y.; 85; civil engineer; 4 Aug.

IVAR T. TIDESTROM, St. Petersburg, Fla.; 91; retired Agriculture Department botanist and retired botany teacher at Catholic University; 2 Aug.

JOSEPH A. TRENT, Shawnee, Okla.; 56; professor of biology and chairman of the department at Oklahoma Baptist University; 21 July.

SIDNEY WILLIAMS, Chicago, Ill.; 70; safety engineer; 5 Aug.

Education

■ The Department of Agriculture will open a new forest research center this fall at Sewanee, Tenn., in cooperation with the University of the South. The center will be one of several branches of the Forest Service's Southern Forest Experiment Station, New Orleans, La., but it will be augmented and strengthened by access to the university's forest, library, and laboratories, as well as by the availability of faculty members with special skills and knowledge.

■ The Ohio State University College of Medicine has become the first civilian institution to offer graduate training in aviation medicine. A 3-year program has just been established in the department of preventive medicine that is open only to medical graduates who have completed their internship. A similar program will be instituted at Harvard University in September.

■ Former President Herbert Hoover has announced the establishment of a \$42 million Stanford Medical Center Fund, which initially will raise \$21,950,000. The fund is an organized effort by civic leaders, alumni, and Stanford University to finance the Stanford Medical Center. The project involves construction of buildings to permit consolidation of the School of Medicine on the university campus at Palo Alto, as well as modernization of Stanford Hospital facilities in

San Francisco with a view to their eventual use in supplemental medical education and research. Hoover, a Stanford alumnus and a trustee of the university since 1912, is honorary chairman of the new organization.

■ The Manufacturing Chemists Association plans to spend \$1 million in the next 5 years in carrying out a program designed to attract more American youths into scientific and engineering careers. During the coming school year, printed matter and visual aids will be provided for students and teachers in 3600 junior high schools, and a pilot program will be begun in senior high schools. This program will later be extended to the 11,700 high schools that offer chemistry courses and is expected to reach about 400,000 students. Next year a start will be made in attempting to interest sixth-graders in science by emphasizing the significance of science in daily life.

■ A new course in practical English for foreign physicians will be offered during the 1956 autumn semester at New York University's division of general education. The course is open to doctors, interns, and hospital administrators whose native tongue is not English. Particular emphasis will be given to vocabulary commonly used in medical histories, consultations, evaluations, case reports, progress notes, and patient interviews.

There has been a sharp increase in the number of foreign doctors in the United States. At present, more than 30 percent of all house staff physicians in New York, Ohio, and Illinois are aliens, and in New Jersey the figure is 69 percent.

■ The Polytechnic Institute of Brooklyn has begun the conversion of the \$2 million industrial plant that it purchased in 1954 for a modern center of scientific and engineering education. The eight-story industrial structures and five-story administration buildings will house Polytechnic's 6000 students and \$2 million research program. The institute's facilities are now scattered throughout downtown Brooklyn at 15 locations. It is hoped that the new quarters will be ready for use in September 1957.

Most of the 83 laboratories in the new building will be enlarged, more adequate versions of present facilities, and the increase in the amount of classroom space by more than 35 percent should permit an enrollment increase of one-third or more in the institute's day and evening sessions.

■ The Navy has begun construction of a \$2 million guided missile school at the Dam Neck Fleet Air Defense School, Norfolk, Va. The school, to be called the Navy Guided Missile School, will

serve as the principal missile training center for the Atlantic coast area. Its curriculum will include all phases of missile operation as well as maintenance and repair of missiles. Construction is scheduled for completion by June of next year.

■ Yale University's Faculty of Arts and Sciences has been subdivided into the three general areas of the Humanities, the Sciences, and the Social Sciences. The new administrative grouping replaces the former University Division of Liberal Arts and the University Division of Sciences. Each division will have its own director. John G. Kirkwood, Sterling professor of chemistry, has been named director of sciences, and Kent T. Healy, Thomas DeWitt Cuyler professor of transportation, is director of social sciences.

■ The Department of Agriculture and Iowa State College have announced that a 318-acre tract of farmland just east of Ames, Ia., has been selected as the site for a new Federal livestock and poultry disease laboratory. The tract will be purchased by the state, which will later transfer title to the land without charge to the USDA. Funds totalling \$16.25 million for construction of the laboratory were included in an appropriation bill signed by the President on 27 July.

USDA's Agricultural Research Service technicians will participate in the planning of the facility, which will be carried out under government contract, and will be responsible for its subsequent operation. Construction is not expected to begin until the summer of 1957.

Grants, Fellowships, and Awards

■ The earth sciences program of the National Science Foundation is now receiving applications for research grants to be made in the first 6 months of 1957. Deadline dates for proposals will be 1 Oct. 1956 and 8 Feb. 1957. Applications received before 1 Oct. will be considered for grants to be awarded in February; those received by 8 Feb. will be considered for grants to be awarded in June. Applicants are urged to submit their proposals as far in advance of the deadlines as is practical.

■ Awards for study in statistics by persons whose primary field is not statistics but one of the physical, biological, or social sciences to which statistics can be applied are offered by the Committee on Statistics of the University of Chicago. The awards range from \$3600 to \$5000 on the basis of an 11-month residence. The closing date for application for the academic year 1957-58 is 15 Feb 1957. Further in-

formation may be obtained from the Committee on Statistics, Eckhart Hall, University of Chicago, Chicago 37, Ill.

■ Four 1-year predoctoral scholarships of \$1500 each will be offered annually to graduate students in their first year's work toward a Ph.D. degree in the basic sciences departments of New York University College of Medicine. Funds were provided by an institutional grant from the Commonwealth Fund. Selection will be made by a special faculty committee and application may be made, upon applying for registration as a predoctoral student, in September 1956 and thereafter.

■ The James Picker Foundation has announced the award of seven grants, three fellowships, and one grant for a scholar in radiological research for the coming year. These awards, totaling approximately \$52,000, were made on recommendation of the committee on radiology of the National Academy of Sciences-National Research Council.

In the Laboratories

■ The Fischer and Porter Company, Hattboro, Pa., recently held dedication ceremonies for its new fluids calibration laboratory. The facility is called the Allan P. Colburn Memorial Flow Laboratory in honor of the late Prof. Colburn, one of the pioneers in fluids engineering research.

■ The General Electric Company has announced the establishment of a computer engineering laboratory at Menlo Park, Calif. To be known as the Erma Systems Laboratory, the new unit will be housed at the Stanford Research Institute. George Jacobi, a specialist in computers at the G.E. plant in Schenectady, N.Y., has been named manager of the California laboratory.

■ Walter H. Zinn, former director of Argonne National Laboratory and a pioneer in atomic reactor development, has announced the formation of a new company, the General Nuclear Engineering Corporation. Zinn is president of the firm, which is at Dunedin, Fla., in the St. Petersburg-Tampa area. The principal financing of the new organization is being provided by certain partners, acting as individuals, of the brokerage firm of Merrill Lynch, Pierce, Fenner and Beane.

■ Texas Instruments Incorporated, electronics and geophysics firm in Dallas, Tex., has acquired the William I. Mann Company, Monrovia, Calif., which employs about 100 persons in the manufac-

ture of precision spherical and prismatic optical components. The Mann facilities complement Texas Instruments' work in cylindrical optical components, now conducted at its instrumentation subsidiary, Houston Technical Laboratories.

Miscellaneous

■ The Council of Biological and Medical Abstracts Ltd. has decided to change the title of its journal, *British Abstracts of Medical Sciences*, to *International Abstracts of Biological Sciences*. This decision results from two major developments. The first is an extension of coverage to a wider range of biological research subjects published in journals throughout the world, and the second is that the *International Abstracts of Biological Sciences*, with the cooperation of the specialist editors selected by the Institute of Scientific Information of the Academy of Sciences of the U.S.S.R., will include, as from the January 1957 issue, translations of the important Soviet papers abstracted in the *Referativny Zhurnal Biologii* and *Referativny Zhurnal Biologicheskoi Khimii*, to be published simultaneously with their appearance in Russian.

International Abstracts is published for the Council of Biological and Medical Abstracts Ltd. by Pergamon Press, London and New York, on a nonprofit basis. On the council are represented: the Association for the Study of Animal Behaviour, the Biochemical Society, the Association of Clinical Pathologists, the International Association for Dental Research, the Society for Endocrinology, the Society for Experimental Biology, the Nutrition Society, the Pharmacological Society, and the Physiological Society.

Since the Russian-language abstracts will have to be translated, the council requires translators and would welcome offers of help. Terms of payment and other details may be obtained from the honorary editor: Dr. C. C. N. Vass, c/o Pergamon Press Ltd., 4 and 5, Fitzroy Square, London, W.1, or 122 E. 55 St., New York 22, N.Y.

■ Articles included in the September issue of *The Scientific Monthly* are "Radiochemistry," Willard F. Libby; "Cattle raising: a way of life in the Venezuelan llanos," C. Langdon White; "Pseudonyms of physicists," Robert Lagemann; "Features of the solar spectrum as imposed by the physics of the sun," Richard N. Thomas; "Michael Faraday's researches in spiritualism"; and "Historical and thematic relations of psychology to other sciences," the late Egon Brunswik. In this issue five books are reviewed.