

RUFUS OLDENBURGER, director of research for the Woodward Governor Company, will join the Purdue University faculty on 1 Sept. as professor of engineering sciences and mechanical engineering.

Recent Deaths

ROBERT BENSLEY, Chicago, Ill.; 88; professor emeritus of anatomy at the University of Chicago; authority on cell structure; 11 June.

FREEMAN F. BURR, Wayne, Me.; 79; retired Maine state geologist and authority on Maine's natural resources; 8 June.

CLARENCE G. CAMPBELL, New York, N.Y.; 88; physician and specialist in anthropology and eugenics; 16 June.

CHARLES DERLETH, JR., San Francisco, Calif.; 81; retired chairman of the department of civil engineering at the University of California; 13 June.

LAWRENCE J. HERR, Westfield, N.J.; 57; civil engineer for Esso Research and Engineering Company; 12 June.

ERNST LEITZ, Wentzler, Germany; 85; president of the Leitz Optical Works; 15 June.

C(HAUNCEY) M. LOUTTIT, Detroit, Mich.; 54; chairman of the department of psychology at Wayne University; editor of *Psychological Abstracts*; 24 May.

CLARENCE LOWE, Johannesburg, Union of South Africa; 62; former director of the Archaeological Survey of South Africa; 17 June.

FRANCES E. McRAE, New York, N.Y.; 87; retired associate professor of chemistry at Hunter College; 11 June.

THOMAS H. McHATTON, Athens, Ga.; 72; professor emeritus and former head of the department of horticulture at the University of Georgia; 15 May.

Grants, Fellowships, and Awards

■ The Graduate Research Institute of Baylor University has announced the availability of assistantships for students working towards the M.S. and Ph.D. degrees in the basic fields of science related to modern medicine. Included are anatomy, microbiology, cytology, human genetics, immunology, and organic, bio-, and radiochemistry.

Because of the close connection between the institute and Baylor University Hospital and the Wadley Blood Center, an unusual opportunity is afforded students to conduct research on human pathologic states. For further information, address inquiries to Dr. Morton D. Prager, Baylor University Graduate Research Institute, 3600 Gaston Ave., Dallas, Tex.

■ The Alfred P. Sloan Foundation, Inc., has announced an expansion of its scholarship program. Originally limited to some 100 scholarship stipends tenable at four institutions, the program in the future will embrace 13 colleges and universities and make awards to some 240 students. Two institutions have been added to the program during the last month. They are the Case Institute of Technology and the Johns Hopkins University School of Engineering.

The 11 institutions already participating in the scholarship program are Albion College, Amherst College, California Institute of Technology, Cornell University, Dartmouth College, Massachusetts Institute of Technology, Oberlin College, Stanford University, Wabash College, and Williams College. By 1960, when this scholarship program is fully operative, it is anticipated that the foundation's annual expenditure will exceed \$420,000.

In the Laboratories

■ The Ultrasonic Manufacturers Association has announced the formation of an Engineering Standards Committee. Composed of members from 17 ultrasonic manufacturers in the United States, this committee has been established to formulate engineering standards and practices for the industry.

■ The Gulf Research and Development Company, Harmarville, Pa., has announced that it has undertaken an expanded production research program, to be conducted by 150 scientists, engineers, and technicians, in an effort to improve the recovery of petroleum from oil fields. Specific aims include increasing the percentage of petroleum recovered from oil formations, and improving both the speed and the economy of drilling wells and producing and transporting oil and gas.

Two new buildings, to cost approximately \$1.5 million, will house these activities, for which additional staff members are now being recruited. Both buildings are under construction. The smaller, for heavy drilling research, is scheduled for completion in August and the main building in January 1957.

The larger structure, of two-tone brick and steel frame, will be four stories high. It will include some 94 laboratories and offices, besides storage, utility, and service rooms.

The smaller structure, of concrete block and metal panels, will be built around an 80-foot derrick. Sliding roof panels will permit operation of the derrick. There will be a single floor, several offices, and a mud pit for mixing drilling mud. The area beneath the drill-

ing platform is designed for setting up heavy test equipment, such as experimental drills and oil field rock cast in concrete for drilling rate studies.

■ A new firm, the New England Nuclear Corporation, 575 Albany St., Boston, has been formed by Edward Shapiro and Seymour Rothchild, former heads of the inorganic and organic chemistry departments of Tracerlab, Inc. The firm will specialize in the chemical aspects of radioactive materials and will manufacture labeled compounds, reference sources, and radioactivity devices.

Miscellaneous

■ The International Commission on Zoological Nomenclature has given notice that beginning 26 Dec. it will start voting on the following cases involving the possible use of its plenary powers for the purposes specified against each entry. Full details were published in the *Bulletin of Zoological Nomenclature* [12, pt. 3 (26 June 1956)]. (i) *Lepidurus* Leach, 1819, validation; *Triops* Schrank, 1803, determination of gender and designation of type species for (Cl. Crustacea, order Decapoda); (ii) APODINAE Hartert, 1897 (Cl. Aves), validation; (iii) *volvulus* (emend. of *volvulus*) (*Filaria*), validation of, as from Leuckart [1892] (Cl. Nematoda); (iv) *Asaphus* Brongniart, 1822, validation of and designation of type species for; *cornigerus* Schlotheim, 1820 (*Trilobites*), suppression (Cl. Trilobita). Comments should be sent as soon as possible to Francis Hemming, Secretary to the Commission, 28 Park Village East, Regent's Park, London, N.W.1.

■ The Fund for Peaceful Atomic Development, 2000 Second Ave., Detroit 26, Mich., has published a pamphlet entitled *Nuclear Science and Engineering Training in the United States* that is a listing of facilities at selected colleges and universities and at the national laboratories of the U.S. Atomic Energy Commission.

The publication has been prepared especially for the use of students from outside the United States who are interested in graduate training in this country. It should also be helpful to American students seeking unclassified training in nuclear science, engineering, radiological and health physics, isotope handling, and associated courses.

The information presented in the report was obtained almost entirely through questionnaires addressed to the institutions listed. The material is in summary form and is intended simply as a guide in selection of institutions for advanced training.