

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.