

raphy at Ohio State University; 29 Nov.  
JOHN T. MILLEN, Detroit, Mich.;  
72; retired director of the Detroit Zoo;  
7 Dec.

ARTHUR S. PEARSE, Durham,  
N.C.; 79; retired professor of zoology at  
Duke University; 11 Dec.

DONALD S. PISTON, Fresno, Calif.;  
56; head physicist at the Twining Labo-  
ratories; 30 Sept.

HORACE S. UHLER, Meriden,  
Conn.; 84; professor emeritus of Physics  
at Yale University; 6 Dec.

FORBES B. WILEY, Granville, Ohio;  
76; professor emeritus of mathematics at  
Denison University; 14 Dec.

## Education

■ The National Science Foundation has awarded \$303,000 to the Massachusetts Institute of Technology to support a 2-year study of physical-science teaching in secondary schools. Some of the foremost physical scientists of the United States will serve on an MIT-sponsored committee, under the direction of Jerrold R. Zacharias, professor of physics at MIT.

The committee will make an intensive effort to improve presentation of high-school subject matter in the physical sciences. The group will examine all possible means of improving instruction in the area, realizing that this may lead to preparation of new textbooks, new laboratory manuals, new experimental equipment, new teaching techniques, and extensive use of films. The committee will be aided by leading members of the faculties of the California Institute of Technology, the University of Illinois, and Cornell University, as well as by representatives from the Bell Telephone Laboratories, who will attempt to outline materials necessary to accomplish the objectives of the project.

James R. Killian, Jr., president of M.I.T., will be chairman of a larger group, composed of scientists, high-school administrators and teachers, representatives of state departments of education, and others, to advise, and make recommendations on problems of acceptance and distribution.

■ Steps involved in establishing and operating an educational television station are outlined in a new booklet just published by three national organizations involved in the development of educational television in this country: the Educational Television and Radio Center, Ann Arbor, Mich.; the Joint Council on Educational Television, Washington, D.C.; and the National Association of Educational Broadcasters, Champaign-Urbana, Ill. Entitled *Educational Television for Your Community*, the booklet gives costs

of establishing an educational station, offers case studies of present stations, and indicates staff needs for ETV units. Copies of the booklet may be obtained by writing to the Educational Television and Radio Center, Ann Arbor, Mich.

■ Each year, under the program of the International Association for the Exchange of Students for Technical Experience, U.S. industries are asked for summer industrial placements for foreign science and engineering students. The request is made by the Institute of International Education as the administering agency for the IAESTE program. Placements include a maintenance allowance for the foreign student and a nominal administrative fee to cover program costs. Since the IAESTE program is reciprocal, the number of placements offered by American business to foreign students determines in general the number of American students who will have the opportunity to train abroad.

Last summer, 45 U.S. firms received 75 students from abroad, while 58 American students of science and engineering trained in 13 European countries. The U.S. IAESTE National Committee met early in the fall at the Institute of International Education to evaluate the 1956 program and to make plans for increased activity in 1957.

Reports on the program indicate that American participation increased markedly during the year since the committee's establishment. Although the increase is a substantial one, American participation is still far below that of the leading European countries. The committee voiced the hope that there would be even greater participation in the program by American industry in 1957.

Under this program, in which 22 countries participate, students are sent abroad for training in industry during their summer vacations. In 1956, more than 2500 industries in these countries provided training for more than 5700 visiting students from other member countries.

U.S. colleges are asked to nominate American students of engineering and the sciences who wish practical training abroad. Each applicant must have completed his third year of study, must have had practical experience in this country, and must be able to pay for his international travel. Endorsement by an official of the candidates' schools is required with regard to the students' general and technical qualifications. The 58 U.S. students who trained abroad in 1956 represented 24 American colleges.

The 75 foreign students who trained with American firms last summer came from the following European countries: Austria, Belgium, Denmark, Finland, France, Germany, Great Britain, Italy,

the Netherlands, Norway, Spain, Sweden and Switzerland. The 58 American students trained in these same countries.

A pamphlet describing the program is available from the Institute of International Education. Industries interested in this exchange are advised to address their requests to: Secretary U.S. IAESTE Committee, Institute of International Education, 1 E. 67 St., New York 21, N.Y.

■ A gift of \$500,000 toward founding a medical library has been received by the Albert Einstein College of Yeshiva University. The donation came from the D. S. and R. H. Gottesman Foundation in memory of the late D. Samuel Gottesman, who was president of Gottesman and Company, pulp and paper merchants, and of Central National Corporation, investment bankers.

Construction of the three-story library building, which will cost \$1 million, will begin early next spring on the medical school's 16-acre site in the Bronx. It is scheduled to be completed before the opening of the college's third academic year in September 1957.

The D. Samuel Gottesman Library, as it will be known, will have shelving for 200,000 volumes. The building will include a reading room that will accommodate 150 people, reading corrals, special study-typing rooms, and a current periodical room, as well as two below-level stack floors for books and periodicals.

The library will serve as a reference center for physicians in the Bronx-Westchester area. It will also be the repository of a historical collection dealing with the contributions of Jewish physicians and scientists to the development of medical knowledge.

## Grants, Fellowships, and Awards

■ Seven national awards in engineering education will be given by the American Society for Engineering Education at its 1957 annual meeting at Cornell University, 17-21 June. Competitions for all the awards are now open, and nomination blanks are ready for distribution. The seven awards are as follows:

1) The Lamme award, given annually to an engineering educator for distinguished achievements contributing to the advancement of the profession. This is the Society's oldest award and its highest honor.

2) The George Westinghouse award, an annual \$1000 prize for distinguished contributions to teaching engineering students. The Westinghouse Award is especially intended to encourage younger men who show superior teaching ability.

3) The Vincent Bendix award, a gold medal given annually for top achieve-