

■ The M. D. Anderson Hospital and Tumor Institute has announced a program of cancer fellowships and residencies. Facilities and equipment for therapy and research in the field of malignant diseases are provided for qualified applicants seeking training and research opportunities in oncology. The hospital has 80,000 feet of space devoted to research, clinics equipped to handle 100 new patients and 200 revisits daily, a cobalt-60 irradiator and betatron, and radioactive isotope facilities.

Fellowships and residencies are under the auspices of the University of Texas Postgraduate School of Medicine. Participation in fundamental cancer research, as well as a broad program of education in the Texas Medical Center, is offered. For further information and application forms write to Dr. Grant Taylor, Office of Education, The University of Texas M. D. Anderson Hospital and Tumor Institute, Houston 25.

### In the Laboratories

■ Plans to enlarge its facilities for manufacturing glass electronic components in Bradford, Pa., have been announced by the Corning Glass Works. The expansion at Bradford, including the eventual installation of automatic resistor and capacitor production equipment, is part of the company's plan to manufacture and sell components to all parts of the electronics industry.

■ The organization of Bjorksten Research Laboratories for Industry, Inc. to perform industrial and other types of non-government research has been announced by Johan Bjorksten, president of Bjorksten Research Laboratories, Inc. Both companies are located in Madison, Wis., with branch offices in New York; Chicago; Washington, D.C.; Dayton and Cleveland, Ohio; and Houston, Tex.

In order to concentrate fully on the development of military research, Bjorksten Research Laboratories, Inc., will function as a special laboratory exclusively for the performance of contracts for branches of the Armed Forces and various Government agencies.

■ General Electric Research Laboratory, Schenectady, N.Y., has established a European office and appointed George J. Szasz as the laboratory's first scientific representative abroad. The purpose of the new office is to strengthen scientific contacts between the G.E. laboratory and basic research activities being conducted in Europe.

As a major part of his activities, Szasz will travel throughout Western Europe, attending scientific meetings and visiting laboratories that conduct fundamental

research in scientific areas of interest to General Electric.

From 1948 until his recent resignation to accept the new post, Szasz was with the London branch of the U.S. Office of Naval Research; for the past year he has served as the branch's deputy scientific director. For the present, Szasz will maintain an office with the International General Electric, Ltd., Crown House, Aldwych, London, W.C.2.

■ The Raytheon Manufacturing Company held open house on 3 Dec. at its newly completed electronics laboratory in Wayland, Mass. The \$2.5-million, two-story brick structure is situated on a 73-acre site. It has a total floor space of approximately 225,000 square feet, including more than 5 acres of laboratories, offices, drafting rooms, and machine shops. Approximately 1200 employees are housed in the new building. Engineering activities that were formerly carried out in seven separate localities have been consolidated in the Wayland building; most of the vacated floor space in the older buildings has been reassigned to the manufacturing and warehousing operations of the firm.

### Miscellaneous

■ Edward Teller tells the story of the atom in a series of three programs released 18 Dec. by the Educational Television and Radio Center, Ann Arbor, Mich. The series is being telecast over the nation's network of educational television stations.

■ Supplementary printed material for the 26-minute sound film *Seifriz on Protoplasm* has been released, and is available free from the Educational Film Library Association, 345 E. 46 St., New York. The film, which was made by the late William Seifriz, professor of botany at the University of Pennsylvania, has won many awards, including a first prize at the Cleveland Film Festival and the highest honor of the Edinburgh Film Festival.

The study guide, which is useful even without the film, consists of an introduction to the study of protoplasm, an amplified summary of the film, and bibliographic references. The reel is for sale at \$90 from EFLA, to which rental inquiries may also be directed.

■ A full-scale model of a projected earth satellite will be put on exhibition on 20 Dec. at the American Museum-Hayden Planetarium, New York. The model, 18 inches in diameter, was designed and built by *Popular Science Monthly* after consultation with scientists working on the program to launch an artificial earth

satellite during the International Geophysical Year. An identical model is being presented to the U.S. National Committee for the IGY. The exhibit at the Planetarium will be supplemented by panels describing the operation and uses of the proposed satellite.

■ A competitive examination for appointment of Veterinary Officers to the regular corps of the U.S. Public Health Service will be held in various places throughout the country on 28 and 29 Feb. and on 1 Mar. These examinations provide opportunities for career service in the field of veterinary medicine, research, and public health. Appointments will be made in the ranks of assistant and senior assistant, equivalent to Navy ranks of lieutenant (jg) and lieutenant.

Entrance pay for an assistant veterinarian with dependents is \$6017 per year; for senior assistant veterinarian with dependents, \$6918. Qualified officers are promoted at regular intervals.

Requirements for both ranks are U.S. citizenship, age of at least 21 years, and graduation from a recognized school of veterinary medicine. For the rank of assistant veterinarian, at least 7 years of college and professional training and appropriate experience are needed. For senior assistant veterinarian, an additional 3 years, for a total of at least 10 years of college and professional training and appropriate experience, are required.

Application forms may be obtained from the Chief, Division of Personnel, Public Health Service, Department of Health, Education, and Welfare, Washington 25, D.C. Completed application forms must be received in the Division of Personnel no later than 3 Feb. 1956.

■ The American Industrial Hygiene Association has announced the publication of a series of information bulletins, called *Hygienic Guides*, that will be made available to industry and other interested persons. The purpose of the *Guides* is to provide authoritative information on the toxicity of common industrial materials and to bring together all the pertinent information required for hazard evaluation.

*Guides* will be prepared on all the common industrial chemicals and materials and each one will include information on the following: maximum allowable concentration for both short- and long-term exposures; significant chemical and physical properties; major uses; evaluation of exposures; engineering control procedures; medical control procedures; and references to literature.

*Hygienic Guides* sheets may be obtained for 25 cents each from the American Industrial Hygiene Association, 14125 Prevost, Detroit 27, Mich.