support should consult the appropriate authority in the institution of their choice.

Applications for 1956–57 fellowships *must be submitted by 15 Sept.* Further information may be obtained from the Professional Educational Section, American Cancer Society, 521 W. 57 St., New York 19.

■ The Ford family has announced that it is establishing a $1-million fund to reward scientists who develop peaceful uses of atomic energy. Henry Ford, II, president of Ford Motor Co., and his brothers, Benson and William, will contribute the $1-million total during the next 10 years from the Ford Motor Company Fund. The money will be administered by a nonprofit corporation to be known as Atoms for Peace Awards, a corporation that is to serve as a memorial to the brothers' grandfather and father, Henry and Edsel Ford.

The outline for the award proposes the creation of "a competent international jury of awards" to select the individual or group who has made the greatest contribution each year toward developing peaceful applications of atomic energy. Winning natural scientists, inventors, or engineers will be chosen "without regard for nationality or political belief."

The annual prize will consist of $75,000 in cash and a "suitable medal to be designed and cast for the purpose." If no recipients can be found in any year, the money will go for scholarships and fellowships in peaceful atomic science.

In the Laboratories

■ Goodrich-Gulf Chemicals, Inc., Cleveland, Ohio, will build manufacturing facilities to produce its new synthetic rubber. A pilot plant will be located in northern Ohio and is expected to be in operation within 9 months to 1 year. When these facilities are completed, materials for testing will be available to other companies.

Announcement that Goodrich-Gulf scientists, working in the B. F. Goodrich Research Center, Brecksville, Ohio, had succeeded in reproducing the true molecule of crude rubber was made in Dec. 1954.

■ A comprehensive program of nuclear research, aimed at investigation of new energy sources and improvement of petroleum refining and petroleum products, has been undertaken by Socony Mobil Oil Co., Inc., New York. The program encompasses:

1) Participation by Socony Mobil in a joint effort by eight American business enterprises in construction of the first nuclear reactor to be owned and operated by private industry for research in industrial and humanitarian fields.

2) Establishment of a Nuclear Research Center wholly owned and operated by Socony Mobil Research Laboratories and including: (i) Van de Graaff accelerator and associated facilities providing high-energy electrons, protons, x-rays, and neutrons for research in nuclear physics and radiation chemistry; (ii) "hot" laboratories equipped for manipulation of fission-waste radioisotopes as well as secondary radioactive sources, such as antimony-124, cobalt-60, and iron-59, which will be activated by irradiation in the nuclear reactor; and (iii) a "counting" laboratory for assaying radioactive materials, general research laboratories, offices, and facilities for health protection of staff members.

Construction of both major facilities —the reactor and the Nuclear Research Center—is expected to begin in early fall, and plans call for the start of operations within a year. Exact geographic location of the two facilities has not yet been finally determined.

■ The board of directors of Nuclear Development Associates, Inc., White Plains, N.Y., has announced a change in the name of the organization to Nuclear Development Corporation of America. The change was effective on 1 Aug. The firm is developing a 1200-acre tract near Pawling in Dutchess County, New York, to serve as a nuclear experimental station.

■ A joint program of applied research to advance supersonic aircraft and missile propulsion has been established by Marquardt Aircraft Co., Van Nuys, Calif.; Reaction Motors, Inc., Denville, N.J.; and Olin Mathieson Chemical Corp., New York. The new coordinated technical effort of complementary skills, known internally as the OMAR program, combines the research, engineering, and production resources of the three organizations.

Administration of the OMAR program is under the direction of a technical liaison committee comprised of representatives of the participating companies. Members of the committee are Harry A. Sosnoski, Olin Mathieson, chairman; T. F. Walkowicz, of the staff of Laurance Rockefeller, vice chairman (L. Rockefeller is a stockholder in both Marquardt and Reaction); John A. Drake, Marquardt Aircraft; William P. Munger and Warren P. Turner, Reaction Motors; and L. Kermit Herndon, Joseph H. McLain, and John J. O'Neill, Jr., Olin Mathieson.

The research and development program embraces rocket and ramjet engine design, rocket and ramjet engine propellants, and special mechanical and chemical engineering processes. It is directed toward advancing basic propulsion science and providing improved methods for the production of rocket and ramjet engines, their propellants, and related devices.

Miscellaneous

■ The Army has received authority from the Civil Service Commission to employ civilian physicians at dispensaries, infirmaries, outpatient clinics, and laboratories at the top step of each respective CSC grade. For example, effective immediately, civilian physicians may receive beginning salaries of from $7465 to $11,395 per annum.

Although increasing numbers of civilian doctors are joining Army medical installations throughout the country, openings exist in practically every locality. On 30 June, the Army was employing more than 20 percent more civilian physicians than it was 6 months earlier. Those interested in securing employment with the Army, and who have a license to practice medicine in any of the states or the District of Columbia, should communicate with the personnel officer at the nearest Army installation of their choice.

■ The International Film Bureau Inc., 57 E. Jackson Blvd., Chicago 4, Ill., has published a descriptive list entitled "16mm films in health, education and welfare." The large majority of the films listed deal with human relations and are classified under such headings as mental health, psychology, child study, education, community action, teaching aids, education of the retarded, medical sciences, nursing, and safety and welfare. The psychology films available are arranged in four groups: general, comparative, child psychology, and child care.

■ A 374-page bibliography on infrared radiation and its multitude of applications in science, technology, and industry has been made available to the public by the Office of Technical Services, U.S. Department of Commerce. Compiled by the Library of Congress under a contract from the Office of Naval Research, the bibliography includes all references to published literature on the subject from 1935 to 1951.

The classification proceeds from infrared theory and general infrared-optical properties through the various elements and components of infrared equipment, infrared spectroscopy and photography, to its various applications in science, technology, the arts and industry. *Infrared: A Library of Congress Bibliography,* (PB 111643) may be ordered from OTS, U.S. Department of Commerce, Washington 25, D.C., price $3.