

through 12) is eligible for entry. Special national awards will be given for projects that deal with metals or metallurgy. Project reports must be mailed to regional chairmen *not later than 15 Mar.*

The Science Achievement Awards program is sponsored by the American Society for Metals. To participate, students are expected simply to complete and report on a science or mathematics project; there are no tests to take and no essays to write. Awards are designed to give recognition for individual student activity and accomplishment and to encourage students to consider careers in science and engineering.

Additional information and student entry forms may be obtained from the Future Scientists of America, National Science Teachers Association, 1201 16 St., N.W., Washington 6, D.C.

■ The National Vitamin Foundation invites individuals who hold doctoral degrees in medicine or one of the biological sciences and who are interested in continuing their training in the science of nutrition to become candidates for the second Russell M. Wilder fellowship. This fellowship was created by the foundation to honor Russell M. Wilder of the emeritus staff of the Mayo Clinic.

The fellowship is for 3 years and pays the recipient \$4500 the first year, \$5000 the second, and \$5500 the third year. It becomes effective on 1 Jan. 1956. Application forms can be obtained from the offices of the National Vitamin Foundation at 15 E. 58 St., New York 22. Candidates must mail their completed application forms to the foundation *before 15 Oct.*

■ The Sears Roebuck Foundation has announced a \$125,000 grant to assist newly practicing physicians. The plan was started by the foundation in cooperation with the American Medical Association as "an investment in individual incentive."

Physicians seeking to establish practices but unable to get full local financing will be offered unsecured 10-year loans up to \$25,000 each. At least one loan in each of five regions across the country will be given this year.

The foundation states that "This is a plan aimed at creating the financial and managerial conditions best designed to satisfy the medical needs of the American people, the professional and economic needs of the American physician, and the principles of free, voluntary and unregimented practice of medicine in which the physician is beholden to no 'boss' other than his professional ethics and his professional competence."

The plan will be self-expanding, with all repayments and contributions going for further grants. Thus, every grant

made will help to establish another medical practice where needed.

Applications for grants will be screened by a medical advisory board, which has been appointed from nominations by the AMA board of trustees. A request for a grant will be considered on the basis of need for assistance, expected use, and effort and thought by the applicant in the understanding and solution of his own problems.

Physician placement offices of state medical societies will play a major role in getting the program started. The foundation has pointed out that the plan is experimental, and that its continuation after 1955 will depend on the reception and support provided by the medical profession.

Applications must be sent to the office of the region in which the proposed medical practice is to be established. They should be addressed to the director, Sears Roebuck Board, at these locations: Pacific Coast region—2650 Olympia Blvd., Los Angeles 54, Calif.; Southwest—1409 South Lamar St., Dallas 2, Tex.; Midwest—8 E. Congress St., Chicago 5; South—675 Ponce de Leon Ave., Atlanta, Ga.; East—4640 Roosevelt Blvd., Philadelphia 32, Pa.

■ Graduate training in preventive medicine and public health will be offered, starting in 1956, to physicians from four Central American countries under a scholarship program sponsored by the United Fruit Co. at the Harvard University School of Public Health. Scientists from Costa Rica, Guatemala, Honduras, and Panama will receive awards that will provide tuition, or tuition plus maintenance and travel expenses, depending on individual needs.

In subsequent years, United Fruit Co. may broaden the scope of the program to include other countries where the firm has operations. The opportunities, in the future, may also be extended to individuals trained in related health disciplines such as nursing and sanitary engineering.

On completion of a year's training, the scholarship fellows will be eligible for one of the following degrees: master of public health, master of science in hygiene, or master of industrial health. In exceptional cases provision may be made to renew the scholarship for a second year of study that leads to the award of either the degree of doctor of public health or doctor of science in hygiene.

Two scholarships are being offered for the first year of the program. Candidates must return completed admission and scholarship applications *by 1 Jan. 1956* to the Harvard School of Public Health, 55 Shattuck St., Boston 15, Mass.

In the Laboratories

■ The nation's first installation of compatible color television for hospital use will be made by Radio Corporation of America at the Walter Reed Army Medical Center, Washington, D.C. The comprehensive installation will provide complete color television systems for use by the Armed Forces Institute of Pathology, the Walter Reed Army Hospital, and the Army Medical Service Graduate School.

■ The Chicago Apparatus Co., Chicago, Ill., has acquired the A. J. Griner Co. of Kansas City, Mo., and its subsidiary in Wichita, Kans. The two Griner companies will retain their present names.

■ Further expansion of the Atomic Energy Commission's Rocky Flats, Colo., plant by construction of two new buildings and related facilities and by modification of three existing buildings has been announced. The new facilities, modification, and equipment will cost approximately \$13 million. Preparatory work will begin in a short time and completion is scheduled for early 1957. The Dow Chemical Co. of Midland, Mich., operates the Rocky Flats plant for the AEC.

■ The Gulf Oil Corp. has announced plans for a nuclear science laboratory to be located at the company's research center in Harnarville, Pa. Principal unit in the new facility will be a 3-million-volt Van de Graaff particle accelerator. The unit will be installed on approximately 1 Sept. 1956.

■ A human centrifuge for studying acceleration stresses of jet pilots, the second of its kind in Europe (there is one at Farnborough, England) has recently been established at the Karolinska Institutet, Stockholm, Sweden. An account of the centrifuge was published in a recent issue of the *ASEA Journal*, house organ of the Swedish ASEA Co., which designed and built the device.

Miscellaneous

■ Publication of vol. 1, No. 1, of a new periodical, the *Journal of Electronics*, has been announced by Academic Press, Inc., which will distribute the journal in the United States and Canada. This new English-language journal will serve as a forum for electron physicists, solid state physicists, chemists, and engineers; it will contain accounts of both theoretical and experimental work.

J. Thomson of the Royal Naval Scientific Service will act as editor, and N. F. Mott, a professor and fellow of the Royal Society, will be the consulting