

the volume, TID-7527, which is now on sale for \$1 by the Office of Technical Services, Department of Commerce, Washington 25, D.C.

NSF Postdoctoral Awards

Applications will be accepted through 3 Sept. by the National Science Foundation for a second group of postdoctoral fellowships to be awarded during 1957, both in the regular and senior postdoctoral programs. Fellowships will be awarded in mathematical, physical, medical, biological, engineering and other sciences, including anthropology, psychology (other than clinical), geography, certain interdisciplinary fields, and areas of convergence between the natural and social sciences. Names of successful fellowship candidates will be announced on 16 and 17 Oct.

To be eligible for these awards, candidates must be citizens of the United States with special aptitude for advanced training and must hold the doctoral degree or have the equivalent in training or experience. In addition, candidates for the senior postdoctoral program must have at least 5 years' experience beyond the science doctorate.

A stipend of \$3800 per year will be awarded to successful applicants in the regular postdoctoral program. Dependency allowances will be made to married fellows. A limited allowance to aid in defraying a fellow's cost of travel will be paid as well as tuition and fees.

Annual stipends to a maximum of \$10,000, adjusted to match as closely as feasible the regular salaries of the award recipients, will be awarded under the senior program, and the recipients of these awards will engage in study or research in an accredited nonprofit institution of higher learning in the United States or abroad. A limited allowance to aid in defraying costs of travel for a fellow and his dependents will also be available.

Proposed Legislation

Of the many bills introduced in Congress, some have a special relevance to science and education. A list of such bills introduced recently follows:

HR 7875. Establish the Civic Health through Athletic and Mental Proficiency Society of the U.S. Huddleston (D Ala.) House Education and Labor.

HR 7938. Protect the public health by amending Federal Food, Drug, and Cosmetic Act to provide for safety of chemical additives in food. Sullivan (D Mo.) House Interstate and Foreign Commerce.

HR 7914. Amend Career Compensa-

tion Act of 1949 to provide incentive pay for human test subjects. Reece (R Tenn.) House Armed Services.

HR 7934. Authorize Federal assistance to the states and local communities in financing a program of atomic and disaster shelters in the nation's schools. Metcalf (D Mont.) House Armed Services.

H Res 273. Provide that a select committee be appointed to conduct a full and complete investigation and study of the use of chemicals and other additives in food, medicine, and beverages with a view of ascertaining what deleterious effects such chemicals have on human life and health. Teller (D N.Y.) House Rules.

HR 7880. Establish on public lands of the U.S. a national wilderness preservation system for the permanent good of the whole people; provide for protection and administration of areas within this system by existing Federal agencies and for gathering and dissemination of information to increase the knowledge and appreciation of wilderness for its appropriate use and enjoyment by people; establish a National Wilderness Preservation Council. Porter (D Ore.) House Interior and Insular Affairs.

HR 7884. Encourage discovery, development, and production of manganese-bearing ores and concentrates in the U.S., its territories and possessions. Mills (D Ark) House Interior and Insular Affairs.

Scientists in the News

ISIDOR I. RABI, Nobel laureate and professor of physics at Columbia University, and ROBERT REDFIELD, professor of anthropology at the University of Chicago, are the scientist members of a new ten-man committee that has been established by the Fund for the Republic to "study contemporary American life with a view to determining the conditions under which a free society may best be maintained."

The ten consultants will meet several times a year for extended sessions of study and analysis. They will direct the collection of factual and analytical material and are expected to publish findings and conclusions from time to time.

ENGLEHARDT ECKHARDT, a physicist who was formerly vice president in charge of research for the Gulf Research and Development Company, Pittsburgh, Pa., has been appointed assistant director of the National Science Foundation for the Division of Mathematical, Physical, and Engineering Sciences. RAYMOND J. SEEGER, who has filled the position in an acting capacity, will continue as deputy assistant

director for the division. Eckhardt is well known for his work in geophysics, ballistic measurements, and building acoustics.

The Navy has announced that the largest group award that has been made in the Federal Civil Service, \$20,825, has been given to a group of employees at the Naval Research Laboratory in Washington, D.C., for their role in improving interceptor armament-control systems. PETER WATERMAN, an electronic scientist with the Radar Division at NRL and the key figure in directing this work, received \$10,000. Forty-four other employees who worked with Waterman shared the remaining \$10,825, which was distributed according to the significance of their contributions. Ten employees in the group received the second highest amount, \$700 each; the remaining 34 received either \$150 or \$75.

R. M. WHALEY, executive assistant head of Purdue University's department of physics, has been granted a leave of absence for 1 year to serve as director of the Advisory Board on Education of the National Academy of Sciences in Washington, D.C., effective 1 Aug. He will help direct the efforts of the interdisciplinary board, which will serve as the principal agent of the National Academy in all matters relating to education in the sciences.

Among the responsibilities with which the board is charged are the following: to provide leadership for the establishment of scholarly criteria in science education; to cooperate with and assist the nation's professional societies in planning for science education at all levels; to anticipate future national requirements for scientists and engineers in all fields and to relate these requirements to the demands for education in the grade school, high school, college, and graduate school; to provide a bridge between the sciences and the other learned professions in matters of education in order to promote understanding and develop continuing cooperation among and between the schools, industry, and government.

LAWRENCE A. HYLAND, vice-president and general manager of Hughes Aircraft Company, Culver City, Calif., has received the 1957 Pioneer Award of the Institute of Radio Engineers' professional group on aeronautical and navigational electronics. He was honored for his demonstration in the early 1930's that radio waves will reflect from objects, a basic radar discovery. He first observed the principle of radar detection of aircraft in 1931 while he was an associate engineer in the Naval Research Laboratory, Anacostia, Md.