

■ The American Association of University Women is offering 30 national fellowships for women for 1957-58. Ranging from \$2000 to \$4000, the fellowships are for graduate and postdoctoral research. Also available for 1957-58 are a number of international fellowships for American women with stipends ranging from \$1500 to \$2000.

■ The U.S. Fish and Wildlife Service has recently granted three research contracts for the study of problems in the shrimp, sponge, and tuna industries. Two of the projects will be conducted by the Marine Laboratory of the University of Miami. One, under a \$19,900 contract, is an investigation of the causes and prevention of "black spot" on shrimp. The other, under a \$12,000 renewal of a contract negotiated last year, is an investigation of Florida commercial sponges. The third project will be concerned with study of the tropical Pacific Ocean for the benefit of the tuna industry and will be conducted by the Scripps Institution of Oceanography under a \$35,000 contract.

■ The U.S. Atomic Energy Commission has awarded 32 unclassified physical research contracts to universities and private research institutions. Eleven are new contracts, and the remainder are renewals of contracts that have been in force. The contracts were let as part of the commission's continuing policy of utilizing private research laboratories in conducting research related to atomic energy. Generally, the contracts are for a term of 1 year, and the institutions participate with the commission in defraying the costs of the research.

In the Laboratories

■ The new Southern California laboratories of Stanford Research Institute, a nonprofit public-service organization associated with Stanford University, have been formally opened. The South Pasadena buildings provide more than 38,000 feet of laboratory and office space for a staff of more than 100, which will conduct research in the three main divisions of the institute—physical sciences, economics, and engineering.

■ A new method of measuring the deflection of road surfaces under the stress of moving loads has been developed at Ohio State University's Engineering Experiment Station by Robert F. Baker of Ohio State and Robert D. Turpin, now of the University of Texas.

Strips of tape applied to the highway are photographed stereoscopically both before and during the passage of a loaded vehicle. The minute differences in the images are then measured at Perkins

Observatory, near Delaware, Ohio, on a Gaertner measuring engine, which is accurate to 2 or 3 microns, and the deflections in the highway surface are calculated.

■ Armour Research Foundation of the Illinois Institute of Technology has been awarded two contracts totaling \$63,575 to investigate the use of power lines and telephone systems as civil defense warning signal systems in event of enemy attack.

New Journals

Agricultural Marketing (successor to *Marketing Activities*), vol. 1, No. 1, July 1956. Milton Hoffman, Ed. (acting). Agricultural Marketing Service, U.S. Department of Agriculture (order from Supt. of Documents, GPO, Washington 25, D.C.). Monthly. \$1.50 per year; 15¢ per copy.

Annales d'Histochimie, vol. 1, No. 1, Jan.-Mar. 1956. Société Française d'Histochimie, 45 rue des Saint-Pères, Paris, France. Quarterly. F.3000 per year.

British Chemical Engineering, vol. 1, No. 1, May 1956. William E. Dick, Ed. Heywood and Co., Ltd., Drury House, Russell St., Drury Lane, London, W.C. 2. Monthly. \$6 per year.

Bulletin of the Florida State Museum, Biological Sciences, vol. 1, No. 2. William J. Riemer, Ed. Florida State Museum, Seagle Bldg., Gainesville, Fla. Irregular.

Bulletin of the Fund for the Republic, May 1956. Fund for the Republic, 60 E. 42 St., New York, N.Y. Available on request.

Chromatographic Methods, vol. 1, No. 1, Jan. 1956. H. Reeve Angel and Co., 52 Duane St., New York 7, N.Y.

GeoTimes (successor to the *Geological Newsletter*). Robert C. Stephenson, Ed. American Geological Institute, 2101 Constitution Ave., NW, Washington 25, D.C. Monthly. \$2 per year.

Journal of Fluid Mechanics, vol. 1, pt. 1, May 1956. G. K. Batchelor, Ed. Taylor and Francis, Ltd., Red Lion Court, Fleet St., London, E.C. 4. \$16.50 per year; \$3 per part. U.S. agent, Academic Press, New York.

Journal of the Textile Machinery Society of Japan (English Edition), vol. 1, No. 2. Nov. 1955. Kiyohisa Fujino, Ed. Textile Machinery Society of Japan, 28, 2-Bancho, Namba-Shinchi, Minami-ku, Osaka, Japan. Semiannual. \$1.50 per copy.

Mada (Science), vol. 1, No. 1, Jan. 1956. S. Hestrin and E. Katchalski, Eds. Weizmann Science Press, 33 King George Ave., Jerusalem, Israel. Quarterly. \$5.50 per year; \$1.50 per copy.

Nematologica, vol. 1, No. 1, Jan. 1956.

J. H. Schuurmans Stekhoven, Ed. E. J. Brill, Leiden, Netherlands. Quarterly. \$7.50.

Nickelore, vol. 1, No. 3. Anthony Toback, Ed. International Nickel Co., 67 Wall St., New York, N.Y.

Revue Française d'Etudes Cliniques et Biologiques, vol. 1, No. 1. Jan. 1956. Editions Médicales Flammarion, 22 rue de Vaugirard, Paris, France. 10 issues per year. F.6000.

Technical Digests, vol. 1, No. 1. Jan. 1956. European Productivity Agency, 3 rue André-Pascal, Paris, France (order from OEEC Mission Publications Office, 2000 P St., NW, Washington, D.C.) Monthly. \$24 per year.

Transactions of Chinese Association for the Advancement of Science, vol. 1, No. 1, Dec. 1955. S. M. Lee, Ed. National Taiwan Science, Museum, Taipei, Taiwan. Annual.

Your Radiologist, spring 1956. Hugh N. Jones, Ed. American College of Radiology, 20 N. Wacker Dr., Chicago, Ill. Quarterly.

Miscellaneous

■ The United States "Atoms for Peace" exhibit that was shown at the International Conference on the Peaceful Uses of Atomic Energy in Geneva, 1955, is now open to the public at Chicago's Museum of Science and Industry. Assembled by the U.S. Atomic Energy Commission in cooperation with private American companies and organizations, the exhibit includes models of five American atomic electric power plants, radiation detection instruments, and many atomic materials.

■ The department of botany of the University of Cincinnati has acquired a collection of 1450 specimens of European liverworts collected by the late Victor Schiffner of Austria. Only two or three duplicate sets of Schiffner's collections exist in the United States.

■ Among the articles in the August issue of *The Scientific Monthly* are "Proto-genetics from Adam to Athens," L. P. Coonen; "Caste and the Jajmani system in a north Indian village," Oscar Lewis and Victor Barnouw; "Technical information—too much or too little?" Saul Herner; "Geomagnetic program of the International Geophysical Year," E. O. Hulburt; "Herman von Helmholtz: nineteenth-century polymorph," Howard Gruber and Valmai Gruber; and "Photosynthetic nitrogen fixation by blue-green algae," M. B. Allen.

In the "Association affairs" section there is information about the 123rd meeting of the AAAS to be held in New York, 26-31 Dec. Eight books are reviewed in this issue.