

of 158 doctors in 66 medical schools in the United States and Canada. The number of Markle scholars appointed annually has varied from 13 to 25; approximately 20 appointments will be made in 1956.

The dean of every medical school in the United States and Canada is invited to nominate a candidate *on or before 1 Dec.* The grants will be made at the rate of \$6000 annually to the medical school where the scholar will teach and conduct research. A publication outlining the plan is available on request from the foundation.

In the Laboratories

■ The Borden Co.'s chemical division has announced plans to build a synthetic resin manufacturing plant in Manila to meet the Philippine plywood industry's need for adhesives. The first such plant in the Philippines, the new facility is to be incorporated as the Casco Chemical Co.

■ Bio-Basic, Inc., is a new organization that will be concerned with the application of scientific advances to problems in the food and pharmaceutical field. The firm intends to engage in development, manufacturing, and consulting work. Its initial effort will be devoted to improved dermatological preparations.

■ A regulation defining the scope, procedure, and limitations of the authority of advisory boards established by the Atomic Energy Commission has been issued. The Atomic Energy Act of 1954 gives the AEC authority to appoint boards to advise with, and make recommendations to, the commission on legislation, policies, administration, research, and other matters.

The new regulation is based on recommendations of the Attorney General concerning regulatory controls to be maintained by Government agencies over industry advisory committees in order to minimize the possibility of violation of antitrust laws.

■ The Gulf Oil Corp. has announced plans for a nuclear science laboratory that is to be located at the company's research center in Harmorville, Pa. Principal unit in the laboratory will be a 3-million-volt Van de Graaff particle accelerator that is being built by High Voltage Engineering Corp., Cambridge, Mass. The unit will be installed by approximately 1 Sept. 1956.

■ During each 5-year period since 1930, the count of x-ray analysis installations has at least doubled, according to questionnaires submitted in a nationwide

survey sponsored by the educational department of North American Philips Co., Inc. Only 1.2 percent of the installations on the 1955 count existed prior to 1930, 4.8 percent prior to 1935, 8.5 percent prior to 1940, 21.9 percent prior to 1945, and 42.6 percent prior to 1950.

The survey was initiated as an educational project about a year ago in order to provide a source of up-to-date information for those concerned with various x-ray analysis techniques. The roster includes not only users of Norelco equipment but also those who employ instruments made by other manufacturers; some 35 companies have reported data.

To date, the survey also tabulates 40 private and government research laboratories and universities where work involves vital and difficult industrial projects.

A summary giving partial information gathered so far has been distributed to all contributing organizations. Others who have not yet filled out a questionnaire and who wish to be properly registered in the survey are urged to write for a copy by addressing a letter or card to C. J. Woods, 750 S. Fulton Ave., Mount Vernon, N.Y.

Many organizations have furnished extensive lists of papers that have been published by their personnel on x-ray analysis subjects. If and when the survey includes the majority of users in the United States and Canada, it may be possible to publish all of the information in a volume of "Who's Who in X-ray Analysis."

■ In commemoration of the one millionth rat born since the founding of its animal colony in 1923, Foster D. Snell, Inc., New York, has published a booklet, *Rats for Research*. The booklet describes the Snell-Supplee colony of albino rats, Wistar strain, which was purchased 5 years ago from the estate of George Cornell Supplee.

The late Dr. Supplee, a biochemist, established the colony from the Wistar strain in 1923. The colony has been operated as the Supplee Division of Foster D. Snell, Inc., since 1950. Copies of the booklet are available from the Public Relations Department, Foster D. Snell, Inc., 29 W. 15 St., New York 11.

Miscellaneous

■ A competitive examination for appointment of sanitary engineer officers to the regular corps of the U.S. Public Health Service will be held in various places throughout the country on 10, 11, and 12 Jan. 1956. Appointments provide opportunities for career service in sanitary engineering, including research. They will be made in the ranks of junior

assistant, assistant, and senior assistant grades. Entrance pay, including dependency allotments, ranges from \$4268 to \$6017.

Application forms may be obtained by writing to the Chief, Division of Personnel, U.S. Public Health Service, Department of Health, Education, and Welfare, Washington 25, D.C. Completed application forms *must be received by 9 Dec.*

■ *Critical Years Ahead in Science Teaching* is again available for distribution without cost through the auspices of the Carnegie Corporation. Copies may be obtained by writing to Mr. Elbert C. Weaver, Phillips Academy, Andover, Mass. Self-addressed stickers for envelopes are appreciated.

■ The American Board of Nutrition will hold the next examinations for certification of specialists in human nutrition in April 1956. Applications for certification must be submitted *not later than 1 Feb. 1956*. Forms may be obtained from the secretary, Otto A. Bessey, Department of Biochemistry and Nutrition, University of Texas School of Medicine, Galveston, Tex.

■ The Indian Council on Ecological Research at the Forest Research Institute, Dehra Dun, is attempting to build an ecological library. The council trains teachers and postgraduate students in ecological research and offers facilities to research workers for carrying on original work.

An appeal is made to all ecologists, ecological societies, and publishers of ecological works to send as many publications as can be spared. Contributions will be gratefully received by the secretary of the council, Dr. G. S. Puri, Forest Research Institute, P. O. New Forest, Dehra Dun, India.

■ The articles in the October issue of *The Scientific Monthly* include "Equal temperament and the thirty-one-keyed organ," A. D. Fokker; "Soviet cosmology and Communist ideology," Maxim W. Mikulak; "Changing place of soils in agricultural production," Roy W. Simonson; "Are there rules for writing history of chemistry?" Aaron J. Ihde; "Mendel and the rediscovery of his work," Edward O. Dodson; and "How does rock break?" Fred C. Bond.

The letters in this issue are from Gerald C. Helmstadter, David M. Pratt, James C. Crumbaugh, Sherman Ross, and Ray C. Hackman. There are also the reviews of 18 books.

Erratum: In the issue of 16 Sept., page 526, the American Mathematical Society which will hold its 62nd annual meeting in Houston, Tex., on 27-29 Dec. was incorrectly listed as the American Meteorological Society.