

full time during the fall term, carrying on studies centered on his own teaching experience under the Harvard faculty. During this term, the other student teacher will carry a full load of studies at Harvard, including a seminar in which he will learn of his partner's teaching experiences. At midyear the two will exchange places. The cooperating school systems are Concord, Newton, Weston, and Winchester. The colleges are Amherst, Harvard, Holy Cross, Massachusetts Institute of Technology, Mount Holyoke, Radcliffe, Smith, Wellesley, Wheaton, and Williams.

■ Special courses to prepare neurologists and ophthalmologists for careers in teaching and research will be started next fall in the University of Pennsylvania's Graduate School of Medicine. To initiate the program, the school has been awarded training grants totaling \$126,000 for a 2-year period by the National Institute of Neurological Diseases and Blindness. Julius H. Comroe, Jr., professor of physiology, will be program director. The school will continue, meanwhile, to give its regular courses in neurology-psychiatry and ophthalmology for physicians in clinical practice.

Student-physicians will be given practice in such teaching situations as conferences, seminars and ward rounds. Instruction will be given also in the use of visual aids, planning of examinations, faculty-student relationships, medical writing, library use, and medical administration.

Candidates for the courses must be certified by the American Board of Neurology or the American Board of Ophthalmology, or must have met most of the requirements for certification. Preference will be given to doctors recommended by their own medical school faculties with the understanding that they will return for full-time teaching and research careers.

■ A comprehensive program of lectures on titanium, designed especially for practicing engineers, will be conducted at New York University College of Engineering 12-16 Sept. Engineers and scientists from industry and research laboratories and members of the university faculty will present 25 talks on the metal. The subjects to be covered are extraction and melting (12 Sept.); phase diagram metallography and alloying (13 Sept.); heat treatment and mechanical properties (14 Sept.); mechanical metallurgy, analysis, corrosion, and fabrication (15 Sept.); fabrication and applications (16 Sept.). Evening discussion sessions will supplement the lectures, which will be given at the University Heights campus in the Bronx.

The program is open to all persons

with a general engineering and metallurgical background. Applicants may register *until 20 Aug.* for 1 day or more of the program. Dormitory space on the University Heights campus will be available from 11-17 Sept. Information and applications can be obtained by writing to Assistant Dean Wilbur K. McKee, Office of Special Services to Business and Industry, New York University, 6 Washington Square N, New York 3.

■ Establishment of a Natural Resources Institute to "stimulate and coordinate teaching and research in the conservation, development, and wise use of natural resources," has been authorized at Ohio State University. The new institute will be located within the College of Agriculture but will be university-wide in scope and service.

In authorizing the institute, the university's board of trustees made several recommendations, which will take effect 26 Aug. They include a reorganization of the university's Franz Theodore Stone Institute of Hydrobiology at Put-in-Bay, which will be renamed the Franz Theodore Stone Laboratory. The Put-in-Bay Laboratory will be placed under control of the executive director of the Natural Resources Institute. At the same time, the department of hydrobiology will be abolished, and its courses of instruction will be returned to various other teaching and research departments on the campus.

■ The United States and Norway have renewed for a second 5-year period an educational exchange agreement under the Fulbright Act. The agreement, signed in Oslo by the U.S. ambassador, L. Corrin Strong, and the Norwegian foreign minister, Halvard M. Lange, on behalf of their respective governments, provides the equivalent of \$1.25 million in Norwegian kroner to continue the program for another 5 years at an annual expenditure of the equivalent of \$250,000 a year. The money will be used to finance travel of Norwegians to the United States for study, teaching, lecturing, or advanced research, and to pay travel and maintenance costs for Americans to go to Norway for similar purposes. Nearly 900 exchanges have taken place since the program began in 1949.

### Grants, Fellowships, and Awards

■ The National Science Foundation has announced a second program of postdoctoral fellowship awards for 1955-56. These new awards, like those in the first program, are for advanced study and training in the mathematical, physical, medical, biological, and engineering sciences, including anthropology, psychology (excluding clinical psychology), ge-

ography, and certain interdisciplinary fields.

Those eligible to apply are postdoctoral students, staff members, holders of the M.D. degree who wish to pursue advanced training and research in one of the basic medical sciences, and terminal-year graduate students who will receive the doctorate by February 1956. The National Academy of Sciences-National Research Council will again receive applications for the awards, evaluate them through its fellowship boards, and nominate candidates to the National Science Foundation.

Candidates must be citizens of the United States. Fellows will be required to devote full time to advanced scientific study or scientific research during the period of the fellowship award. A fellow may not receive remuneration from another fellowship, scholarship, or similar award or federal grant or contract during the tenure of the fellowship. Fellowships will be awarded on 20 Oct. Applications must be received in the Fellowship Office of the National Research Council, 2101 Constitution Ave., NW, Washington 25, D.C., *by 12 Sept.*

■ The New York Academy of Sciences has announced two prizes of \$300 each, the A. Cressy Morrison prizes in natural science, for the two most acceptable papers in the field of science covered by the academy or its affiliates. Another prize of \$500, the Boris Pregel prize, is offered for the best paper on radioactive substances. The papers should be submitted, in form ready for publication, *before 15 Oct.* Details may be obtained from the academy, 2 E. 63 St., New York 21.

■ Stanford Research Institute has been awarded a grant of \$26,000 by the Rockefeller Foundation to assist the participation of foreign scientists and engineers in the World Symposium on Applied Solar Energy that is scheduled for 31 Oct.-4 Nov. at Phoenix and Tucson, Ariz.

The funds will enable more than 25 foreign scientists to take part in the symposium, which is being planned by the institute with the cosponsorship of the Association for Applied Solar Energy and the University of Arizona.

Priority in dispersing the funds will be given to those who have contributed most importantly to the field of solar energy research. However, partial assistance may be given to qualified researchers from countries whose contributions have been moderate but whose resources of solar energy are unusually large. Dispersal of funds will be determined by a committee on foreign delegates headed by Robert L. Woodcock of Stanford Research Institute.