

## NSF Earth Science Awards

The Earth Sciences Program of the National Science Foundation is now receiving proposals for research grants that will be made in October and November, 1957. Deadline for the Receipt of proposals for work to begin in the fall or early winter is *20 May*. There are no formal application blanks, but a foundation pamphlet describes the method of making application and outlines information needed in a proposal. This pamphlet may be obtained from the Earth Sciences Program, National Science Foundation, Washington 25, D.C.

## Brussels Computation Center

An analog computation center will be opened in Brussels, Belgium, during the early summer of 1957 by Electronic Associates, Inc., of Long Branch, N.J. The center will provide electronic analog computers and a staff of scientists for problem analysis and programming.

## Indian Engineers to Come to U.S.

Recently Ellsworth Bunker, United States Ambassador to India, announced a new program under which 900 to 1000 Indian engineers will be sent to the United States in the next 5 years to receive from 1 to 2 years of training in iron and steel technology. An agreement has been reached between the Government of India, the Ford Foundation, and representatives of the United States iron and steel industry. The Indian Government will pay the transportation costs, and the United States steel industry will provide training opportunities. The Ford Foundation will meet the students' maintenance. It has set aside about \$1 million for the first year of the project.

## World Directory of Crystallographers

The International Union of Crystallography is preparing a World Directory of Crystallographers that will contain the names and addresses of all practicing crystallographers, including advanced graduate students. It is hoped that a preliminary list can be compiled by the time of the Fourth General Assembly to be held in Montreal, 10-17 July. The secretaries of the national committees (*Acta Cryst.*, 8, 857; 1955) have been asked to prepare a list of crystallographers in their countries.

Some scientists and technologists, however, who carry on crystallographic work (including x-ray, electron, or neutron diffraction and microscopy or other techniques) are not members of scien-

tific societies having a unique crystallographic interest, and might therefore be missed. Those who come into this category are asked to send their names and addresses to Dr. W. Parrish, Philips Laboratories, Irvington-on-Hudson, N.Y.

## AEC Classified Depository Library in New York

The U.S. Atomic Energy Commission has announced that a classified depository library has been established at its New York Operations Office to serve the needs of access permittees and commission contractors in the area. The library is the first of a number of such depositories planned for various regions of the country as part of the commission's program to facilitate access by cleared personnel to classified technical information.

Persons wishing to use the library facilities must apply in advance of their visit. In the case of access permittees, this is accomplished by forwarding a copy of form AEC-403 to the office administering the permit. Contractors are required to file form AEC-277. Library users must observe the security requirements of part 95, title 10, "Safeguarding of restricted data," published in the *Federal Register* on 2 Feb. 1956.

The documents in the library are for reference purposes only. Information on the price and source of individual reports will be available, however. Library users may request classified literature only in categories to which they have been granted access. Library personnel will not perform literature searches, but bibliographic material, such as abstracts and indexes, will be available so that a library user can determine the exact number of the report he wishes to see and request it by that number.

The opening of the classified library at the New York Operations Office brings to four the number of AEC depositories of technical literature in the New York area. Libraries of unclassified documents were established at the Columbia University Library and the New York Public Library in 1951, and at the Office of the Atomic Industrial Forum in 1954.

## Elementary School Workshop

A summer Workshop in Science for Teachers in Elementary Schools is scheduled from 17 June through 26 July at Western Reserve University. Open to graduate students of education, six credit hours may be earned toward an advanced degree during the session. Principles in astronomy, biology, chemistry, geology, and physics will be emphasized. Methods of demonstration and

experiment applicable to the elementary school will be stressed.

Director of the workshop will be James C. Gray, professor and acting chairman of the biology department. Grace C. Maddux, assistant supervisor of science for the Cleveland Board of Education, is associate director. Full time members of the W.R.U. faculty and experienced teachers in the Cleveland Public School System will serve on the staff.

Classes will be held at the university's Biological Station at Squire Valleeview Farm in suburban Hunting Valley, about a 20-minute trip from the campus. Application for enrollment should be made *by 1 May*. A limited number of scholarships are available. For further information, write to Director of Admission, Western Reserve University, 2040 Adelbert Road, Cleveland 6, Ohio.

## Topography of Greenland

A French expedition is planning a long-range exploration of Greenland in 1957-58, according to a report from the United Nations Educational, Scientific and Cultural Organization. Led by explorer Paul-Emile Victor, a group of scientists will attempt to discover whether Greenland, beneath its ice-cap, is one vast island or a number of smaller islands. Soundings through the ice will be made to help determine the general topography of the land.

## NSF Awards

The National Science Foundation has announced the award of 845 predoctoral graduate fellowships in the natural sciences and allied fields of the academic year 1957-58. Successful fellows were selected from 3028 applicants from all parts of the continental United States, Alaska, Hawaii, and Puerto Rico. Honorable mention was accorded 1391 applicants.

In addition to the predoctoral fellowships awarded, the foundation also announced the names of 84 winners of regular postdoctoral fellowships. (Regular postdoctoral fellowships are to be distinguished from senior postdoctoral and science-faculty fellowships, awards for which will be announced later.)

Of the predoctoral fellowships, 245 awards were made to first-year graduate students, 376 awards were made to graduate students in the intermediate years, and 224 awards to terminal-year predoctoral students. Recipients include 426 persons who have been NSF fellows during the current academic year.

The largest group of predoctoral fellowships, 185 were awarded in chemistry. In other fields the number of awards