

# SCIENCE EDUCATION

## *Institutional Grants*

In the third year of the National Science Foundation's Institutional Grants Program, NSF has announced awards totaling more than \$7.6 million to 397 institutions of higher education for the direct support of scientific activities. Reports from colleges and universities concerning the results of their participation in the program in previous years indicate that the grants have raised standards of scientific instruction and research for increasing numbers of students and science faculty members. The majority of the grants have provided support for the research of younger faculty members, purchase of essential scientific equipment for teaching and research, improvement of science libraries, and strengthening of undergraduate programs in the sciences. Although the grants must be used in support of activities in the sciences, the schools themselves decide how best to apply the funds received under the program. More than two thirds of the new grants were for \$10 000 or more, and 22 schools received maximum grants of \$75 000.

## *Science Study Abroad*

At the request of the Department of State, the National Science Foundation will again administer United States participation in North Atlantic Treaty Organization postdoctoral fellowships in science. About 45 fellowships will be awarded to citizens and nationals of the United States to encourage further study abroad next year in the mathematical, physical, medical, biological, and engineering sciences, as well as in the history and philosophy of science, oceanography, meteorology, biophysics, and other interdisciplinary fields.

Applicants are expected to have special aptitude for advanced training in the sciences and they must, by the anticipated beginning of the fellowship, have earned a doctoral degree in one of the sciences or have had research training and experience equivalent to that represented by the doctoral degree. NATO fellows will receive \$5500 for tenures of a full year and \$4125 for nine months. Limited round-trip travel and dependency allowances will also be provided. Evaluation and selection of candidates will be made solely on the basis of ability. Applications will be evaluated for the Science Foundation by panels of scientists appointed by the National Academy of Sciences—National Research Council.

In view of the sponsorship and objectives of the program, US applicants are encouraged by the Foundation to apply to study in a country that is a member of the NATO community (Belgium, Canada, Denmark, France, the Federal Republic of Germany, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway,

Portugal, Turkey, and the United Kingdom). These countries also grant NATO fellowships to their own citizens. Awards to United States scientists are not, however, restricted to study in NATO countries, and consideration will be given to those planning advanced study elsewhere.

Application materials and detailed information about the program can be obtained from the Fellowship Office, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, N.W., Washington 25, D. C. Fellowship applications must be received by the NAS-NRC by October 18. The awards will be announced by the Foundation on December 9.

A guide for overseas students interested in postgraduate training in the nuclear sciences in Great Britain has been issued by the Science Department of the British Council. Entitled *List No. 7 of Nuclear Studies* (May 1963), the catalog lists courses and schools and gives information on required fees and qualifications. Further information can be obtained from the Science Department, the British Council, 59 New Oxford Street, London, W.C.1, England.

## *NSF Fellowship Programs*

September 3 is the deadline for applications for National Science Foundation postdoctoral fellowships in the sciences and in the history and philosophy of science. Some 65 fellowships will be awarded for advanced study or research at nonprofit institutions in the US or abroad by American citizens or nationals who have the doctoral degree or its equivalent in research training and experience. Application forms can be obtained from the Fellowship Office, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington 25, D. C.

October 7 has been set by the NSF as the deadline for applications for 100 senior postdoctoral and 400 science faculty fellowships. Applicants for senior postdoctoral fellowships must have held the doctoral degree for at least five years or have equivalent education and experience. Science faculty fellowships are open to holders of a baccalaureate degree or its equivalent who have taught full time at the college level for not less than three years and intend to continue teaching. Stipends in both cases will be computed on a salary-matching basis, and fellows may engage in study or research at any appropriate nonprofit US or foreign institution. Application materials for both programs can be obtained from the Fellowship Section, Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.