

NATIONAL SCIENCE FOUNDATION PERSONNEL AND EDUCATION DIVISION FORMED

An important step towards the development of the National Science Foundation's scholarship and fellowship programs has been taken with the recently announced formation of the NSF's Division of Scientific Personnel and Education. The second technical division to be established since the Foundation was put into operation (the first was the Division of Biological Sciences), this new division will be responsible for the development and administration of programs relative to the granting of scholarships and fellowships in the mathematical, physical, biological, engineering, and other sciences. As an initial undertaking, the Foundation has stated, the division will also explore what may be done along the lines of coordination of teaching and research.

A physicist, Harry C. Kelly, has been appointed to head the new NSF division. Until recently, Dr. Kelly was head of the scientific section of the Office of Naval Research Branch Office in Chicago, where he guided the scientific research and development programs of the Eighth and Ninth Naval Districts. He was active in coordinating naval research activities in the Chicago area with those of professional societies, academic institutions, and leading industrial research organizations. Under his guidance, the Chicago Branch of the Office of Naval Research sponsored a number of scientific conferences and symposia of area groups.

Dr. Kelly undertook the Chicago assignment immediately after his return to America from Japan, where he was Chief of the Scientific and Technical Division which advised General Douglas MacArthur on the development of a scientific and technical program for Japan. Dr. Kelly undertook this mission during the period in which Japanese science was suffering acutely from the disruptions of the war. His task was to encourage Japanese scientists to take an active part in assisting in the economic recovery of their country. Under his leadership, Japanese scientists elected a representative body to reorganize and rehabilitate their national bodies of science. These activities led to a new Science Council, democratically elected by qualified scientists. The Scientific and Technical Division worked to bring about the re-establishment of friendly relations between Japanese scientists and scientific bodies of other nations. For his activities on behalf of Japanese scientists, Dr. Kelly has been given the Meritorious Civilian Award. He is an honorary member of the Physical Society of Japan.

FULBRIGHT PROGRAM, 1952-53 LECTURING AND RESEARCH AWARDS

Additional information has been released with regard to the 1952-53 Fulbright program for university lecturing and postdoctoral research awards in Europe and the Near East. As has been announced previously, the closing date for making application is October 15, 1951.

A list of programs recommended by the United States educational foundations or commissions in each of the participating countries has been distributed which represents requests from foreign institutions for lecturers in particular fields, and lists of subjects in which research facilities are available. The Conference Board Committee emphasizes that while in recommending candidates it is primarily guided by the programs listed for each country, sufficient flexibility is nevertheless maintained to permit the accommodation of applications in fields not specifically mentioned in the programs. Qualified persons are therefore urged to apply even though their subjects of specialization may not be included in the Committee's announcements.

A number of opportunities exist in physics and related fields for university lecturing and postdoctoral research awards under the 1952-53 program, although in most cases subjects in a particular field have been listed with a wide variety of other subjects to indicate the range of topics which are of special interest to countries or institutions. There are a few instances, however, in which requests have been made for specialists in physics to satisfy specific requirements.

The Conference Board's list includes information on lecturing and research awards under the Fulbright Act for the United Kingdom and its colonial dependencies, Norway, the Netherlands, Belgium and Luxembourg, France, Austria, Italy, Greece, Egypt, Turkey, and Iran. The brochure describing the 1952-53 program, together with application blanks and additional information on some of the specific awards, can be obtained from the Executive Secretary, Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, Washington 25, D. C.

OCCUPATIONAL DEFERMENT

APPEALS NOW MADE IN AREA OF EMPLOYMENT

The Selective Service System has announced that persons wishing occupational deferment should submit their claims to the Appeal Board having jurisdiction in the place the registrant is employed instead of the Appeal Board with which he is registered. Prior to July 17, 1951 the registrant's "home" Appeal Board had sole jurisdiction in occupational appeal cases. Recent amendments to the regulations authorize the transfer of jurisdiction at the request of registrant or employer. The amendments in the instructions sent by the National Headquarters of Selective Service to its 3850 Local Boards read as follows:

"Any person entitled to do so may appeal to the appeal board by filing with the local board a written notice of appeal. Such notice need not be in any particular form but must state the name of the registrant and the name and identity of the person appealing so as to show the right of appeal. The language of any such notice shall be liberally construed in favor of the person filing the notice so as to permit the appeal.

"Whenever an appeal to the appeal board involves a claim for the occupational deferment of a registrant whose principal place of employment is located outside the appeal board area in which the local board having jurisdiction over the registrant is located and is located in the area of another appeal board, the person appealing may, at the time he files the notice of appeal, file with the local board a written request that the appeal be submitted to the appeal board having jurisdiction over the area in which is located the principal place of employment of the registrant."

OFFICE OF ORDNANCE RESEARCH

ESTABLISHED AT DUKE UNIVERSITY

A program designed to aid in gathering and evaluating scientific information useful in the development of Army Ordnance Corps equipment has been established at Duke University, Durham, North Carolina, according to the Department of Defense.

An office of Ordnance Research, established in connection with the program, will evaluate the needs and problems of the Ordnance Corps and will determine which scientific fields seem especially applicable. The office will coordinate its studies with other Army Ordnance installations and research laboratories. A total of fifteen civilian scientists and four Army Ordnance officers will be assigned to the research program. Duke University was chosen as the site of the new center because of its accessibility to Washington, D. C., and because of its laboratory, office, and housing facilities.

SIGMA PI SIGMA

INSTALLS FIVE CHAPTERS THIS YEAR

During 1951, Sigma Pi Sigma, physics honor society which recently became an affiliated organization of the American Institute of Physics, has installed five new chapters into the society, bringing the chapter roll to eighty-one institutions. The last chapter was installed on June 1, at the South Dakota School of Mines and Technology. The installing officer was M. H. Trytten, National President of Sigma Pi Sigma. Following the installation banquet Dr. Trytten addressed an open meeting on the subject: "Education as an Asset to National Defense". Other chapters chartered in 1951 are as follows: Hofstra College, March 17; Virginia State College, April 19; Saint Joseph's College, April 30; Manhattan College, May 9.

INTERNATIONAL GEOPHYSICS

WEST EUROPEAN GEOPHYSICAL UNION FORMED

Word has been received of the formation of the West European Geophysical Union with an initial membership of 136 exploration geophysicists representing a number of western European countries. It is intended that meetings will be held periodically by the new Union in one European city or another in order

to provide a forum for discussion of matters relating to mining and petroleum prospecting in regions of particular interest to Union members. Although no official journal is expected to be published by the Union, the Society of Exploration Geophysicists in this country has stated that European geophysicists will be encouraged to publish articles in the Society's official quarterly journal, *Geophysics*. The SEG, with local sections in Dallas, Denver, Fort Worth, Houston, Los Angeles, Midland, Shreveport, and Tulsa, has reportedly evidenced an interest in adding a "West Europe Local Section" of the Society to the present list. That the interest is not entirely one-sided is suggested, since it has further been reported that plans are under way within the new Union for affiliation with the SEG.

GRANTS AND AWARDS

GUGGENHEIM JET PROPULSION AWARDS

Seven new fellowship awards have been presented by the Daniel and Florence Guggenheim Foundation for advanced research in jet and rocket propulsion at Princeton University and the California Institute of Technology. Selection of the fellows, who will receive an annual stipend of \$2000, renewable for an additional year, was made jointly by Harry F. Guggenheim, president of the Foundation, Harold W. Dodds, president of Princeton, and Lee A. DuBridge, president of Caltech. Research fellows who will study at the Guggenheim Jet Propulsion Center at Princeton are Arnold Goldburg of the Massachusetts Institute of Technology, Marcus P. Knowlton of Princeton, Lieut. D. M. Saunders of the Naval Postgraduate School at Annapolis, and Marcel Vinokur of Cornell. The three fellows assigned to a similar center at the California Institute of Technology are Robert C. Evans of Caltech, George E. Hlavka of the University of Wisconsin, and Herman C. Thorman of the National Advisory Committee for Aeronautics. Renewal grants for last year's fellowships have been made to Maj. Dale D. Davis, Clarence B. Cohen, John E. Scott, Jr., and David H. Ross at Princeton, and Thomas C. Adamson, Eldon L. Knuth, and Edward E. Zukoski at Caltech.

RESEARCH CORPORATION GRANTS

Approximately \$800,000 will be made available by Research Corporation in the current fiscal year for grants in aid of scientific research, according to Joseph W. Barker, president of the foundation. Of this total, \$450,000 has been allocated since November, the beginning of the 1951 fiscal year, for 162 grants to colleges, universities, and scientific institutions for projects ranging from cosmic radiation to the synthesis of cortisone. Research Corporation's annual report for 1950 notes that approximately \$600,000 is allocated to the General Grants program, which supports pioneering research, and the Cottrell Grants program, which aids research in smaller colleges. Both General and Cottrell grants are made in the fields of physics, chemistry, mathematics, and engineering.