

is Power," stressed the need for improved mechanical information services on a coordinated basis and for more cooperation within the United States as well as among the various nations of the world. The Senator deplored the slow start made by U.S. government agencies in recognizing the problem of the burgeoning technical literature and in taking effective steps to support new ideas for controlling it.

The proceedings of the conference are to be published in March 1960 by Interscience Publishers, Inc., 250 Fifth Ave., New York 1, N.Y.

Pharmacologists Form International Body

At the 21st International Union of Physiological Sciences held in Buenos Aires in August 1959, a Section on Pharmacology of the IUPS was created and empowered to arrange for symposia, conferences, and congresses and to carry out fellowship programs as well as other activities that will contribute to the advancement of pharmacology. An organizing meeting of the new section was held on 11 August. It was decided to build the new section around the already existing International Council of Pharmacologists, which contains one representative of each nation or region that adheres to the IUPS. The following executive committee was elected: president, Carl F. Schmidt (U.S.A.); vice president, S. Anitchkov (U.S.S.R.); secretary, D. Bovet (Italy); and treasurer, D. M. Aviado (U.S.A.).

Grants, Fellowships and Awards

Radiology. On behalf of the James Picker Foundation, the National Academy of Sciences-National Research Council has announced a new fellowship program, the James Picker Foundation Advanced Fellowships in Academic Radiology. These awards are offered in addition to the previously established research fellowships and scholar and research grants, which will be continued during 1960-61.

The new program is designed to prepare a candidate to meet in full the demands of an academic position in radiology. In general, it is expected that a candidate will be not more than 33 years of age and will have completed his clinical training. He should be pre-

pared to devote a minimum of 2 years to course work in the basic sciences, to the application of the techniques and methods of these basic disciplines to radiological research, and to other activities designed to enhance his preparation for an academic career. Applications will be accepted on nomination by a candidate's clinical adviser, who should be a member of the staff of a department of radiology in a medical school.

The previously established program of the Picker Foundation, for which applications again are being invited, comprises three types of awards: post-doctoral fellowships in radiological research; grants for scholars, a transitional form of support to bridge the gap between the completion of research fellowship training and the period when the young scientist has thoroughly demonstrated his competence as an independent investigator; and grants-in-aid of research, designed to encourage investigations offering promise of improvement in radiological methods of diagnosis or treatment of disease.

Applications in all four categories will be reviewed by the Committee on Radiology of the Academy-Research Council's Division of Medical Sciences. Final determination of awards is made by the foundation upon recommendation of the division. Support is not restricted to citizens of the United States or to laboratories within this country.

Applications for 1960-61 should be submitted by 15 December. Further details and application blanks may be obtained from the Division of Medical Sciences, Room 411, National Academy of Sciences-National Research Council, 2101 Constitution Avenue, NW, Washington 25, D.C.

The National Research Council of Canada serves as scientific adviser to the James Picker Foundation with respect to its Canadian program. Accordingly, if the proposed studies are to be carried out in Canada, requests for information and application forms should be directed to the Awards Office, National Research Council of Canada, Ottawa 2, Canada.

Summer conferences. The National Science Foundation has announced that it will continue to support in 1960 an experimental program of some 20 Summer Conferences designed primarily for college teachers of engineering, science, and mathematics. The Summer Conferences are of shorter duration than,

but generally similar to, the Summer Institutes that the foundation has supported in recent years.

Colleges and universities interested in sponsoring such conferences are invited to request further information from the Program Director for Summer Institutes, National Science Foundation, Washington 25, D.C. The deadline for submitting proposals is 15 December.

Teacher training. The National Science Foundation has announced that approximately 550 summer fellowships for graduate teaching assistants will be offered for the summer of 1960. Designed to enable graduate teaching assistants to devote their full summer to study and research, the fellowships will be offered in the sciences, mathematics, and engineering.

In this, the second year of operation of the program, teaching assistants at 150 institutions that are authorized to confer the doctoral degree in at least one of the sciences will be eligible to apply for summer fellowships. First-year participation in the program had been limited to 115 institutions which had awarded a specified minimum number of science doctorates.

Teaching assistants at the participating institutions should apply through their own institutions and will be screened and evaluated initially by their faculties. Summer tenures from 8 to 12 weeks may be selected by the fellow. The stipend will range from a minimum \$50 per week up to a maximum of \$75 per week.

Awards will be provided for study in the mathematical, physical, medical, biological, and engineering sciences, as well as in anthropology, psychology (excluding clinical areas), and certain selected social sciences. The social sciences included are geography, mathematical economics, econometrics, demography, information and communication theory, experimental and quantitative sociology, and the history and philosophy of science, where they conform to accepted standards of scientific inquiry by fulfilling the requirements of the basic scientific method as to objectivity, verifiability, and generality.

Application materials may be obtained from the graduate dean of a participating institution, or from the Fellowships Section, Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D.C. Applications must be submitted to the graduate deans by 11 December.